

Bibliography

KISR Open Access Scientific Published Papers (2010- 2020)

Prepared by:

Fatima Abdul-Hamid

**Kuwait Institute for Scientific Research
National Scientific & Technical Information Center**

**March
2022**

Contents

Introduction.....	3
Publications 2010	4
Publications 2011	4
Publications 2012	5
Publications 2013	7
Publications 2014	9
Publications 2015	10
Publications 2016	12
Publications 2017	22
Publications 2018	29
Publications 2019	34
Publications 2020	46

Introduction

Open Access is the latest publishing paradigm in scholarly communication, allowing scholars to provide their research result free available on the internet for public to use and build upon studies. Thus, Open Access (OA) enhances transparency and prevents research duplications while promotes innovation.

This bibliography includes scientific articles published by researchers at Kuwait Institute for Scientific Research (KISR) in Open Access journals. Open Access journals are the journals that make author scientific publications free available for public to read and use through publisher platform upon paying publication fees called Article Processing Charge (APC).

Open Access journals are of two main types, Gold Open Access journals and Hybrid journals. The Gold Open Access journals are journals that include all articles full open access whereas Hybrid journals are the subscribed journals that have some of their article Open access. Thus, Hybrid journals have both open and closed articles.

This bibliography covers KISR Open Access publications that are published during the period 2010-2020. The information in this bibliography is retrieved from Scopus database, the world largest citation and abstract database. Scopus database includes peer-reviewed journals in top-level subject fields: life sciences, social sciences, physical sciences and health sciences

Publications 2010

Abdelrasoul, A.M.W., AL-Hadad, A., Khan, A.R.

Oil refineries emissions impact on urban localities using AERMOD

(2010) *American Journal of Environmental Sciences*, 6 (6), pp. 505-515. Cited 3 times.

Uddin, S., Al Ghadban, A.N., Al Dousari, A., Al Murad, M., Al Shamroukh, D.

A remote sensing classification for land-cover changes and micro-climate in Kuwait

(2010) *International Journal of Sustainable Development and Planning*, 5 (4), pp. 367-377. Cited 8 times.

Zaman, S., Padmesh, S., Tawfiq, H.

Germination ecology of Rhanterium epapposum Oliv

(2010) *American Journal of Applied Sciences*, 7 (10), pp. 1321-1326. Cited 2 times.

Mardones, F., Perez, A., Sanchez, J., Alkhamis, M., Carpenter, T.

Parameterization of the duration of infection stages of serotype O foot-and-mouth disease virus: An analytical review and meta-analysis with application to simulation models

(2010) *Veterinary Research*, 41 (4), . Cited 51 times.

Qasem, J.A., Al-Zenki, S., Al-Marzouk, A.

Identification and characterization of Streptococcus agalactiae isolates using 16s rRNA sequencing and Cellular Fatty Acid composition analysis

(2010) *Pakistan Journal of Biological Sciences*, 13 (1), pp. 9-15. Cited 4 times.

Hajeeh, M.A.

Mathematical model for waste reduction in aluminum fabrication industry in kuwait

(2010) *Journal of Mathematics and Statistics*, 6 (2), pp. 110-115. Cited 1 time.

Yassin, M.F., Almouqatea, S.

Assessment of airborne bacteria and fungi in an indoor and outdoor environment

(2010) *International Journal of Environmental Science and Technology*, 7 (3), pp. 535-544. Cited 75 times

Publications 2011

Nasser, A.Y., Al-Saffar, A.E., Abdullah, F.K., Al-Bahouh, M.E., Ragheb, G., Mashaly, M.M.

Effect of adding flaxseed in the diet of laying hens on both production of omega-3 enriched eggs and on production performance

(2011) *International Journal of Poultry Science*, 10 (10), pp. 825-831. Cited 7 times.

Hajeeh, M.A., Behbehani, W.

Optimizing empty containers distribution among ports

(2011) *Journal of Mathematics and Statistics*, 7 (3), pp. 216-221. Cited 1 time.

Zaman, S., Padmesh, S., Tawfiq, H.
Selected seed pretreatments on germination of Kuwait's native perennial plant species
(2011) *International Journal of Botany*, 7 (1), pp. 108-112. Cited 4 times.

Suleiman, M.K., Bhat, N.R., Jacob, J., Thomas, R.R.
Germination studies in Ochradenus baccatus Delile., Peganum harmala L. and Gynandriris sisyrinchium Parl.
(2011) *Research Journal of Seed Science*, 4 (1), pp. 58-63. Cited 8 times.

Minsley, B.J., Ajo-Franklin, J., Mukhopadhyay, A., Morgan, F.D.
Hydrogeophysical Methods for Analyzing Aquifer Storage and Recovery Systems
(2011) *Ground Water*, 49 (2), pp. 250-269. Cited 26 times.

Al-Senafy, M., Al-Khalid, A.
A step towards water conservation in the state of Kuwait
(2011) *WIT Transactions on Ecology and the Environment*, 153, pp. 119-125.

Publications 2012

Hajiah, A., Khatib, T., Sopian, K., Sebzali, M.
Performance of grid-connected photovoltaic system in two sites in kuwait
(2012) *International Journal of Photoenergy*, 2012, art. no. 178175, . Cited 17 times.

Al-Subiai, S.N., Arlt, V.M., Frickers, P.E., Readman, J.W., Stolpe, B., Lead, J.R., Moody, A.J., Jha, A.N.
Merging nano-genotoxicology with eco-genotoxicology: An integrated approach to determine interactive genotoxic and sub-lethal toxic effects of C 60 fullerenes and fluoranthene in marine mussels, Mytilus sp.
(2012) *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, 745 (1-2), pp. 92-103. Cited 79 times.

Funding details

Interreg
Natural Environment Research Council

Cancer Research UK

Kuwait Institute for Scientific Research

European Regional Development Fund

SNAL-S has been supported by Kuwait Institute for Scientific Research (KISR) , State of Kuwait. VMA is supported by Cancer Research UK . ANJ acknowledges support from European Regional Development Fund, INTERREG IVA (grant no. 4059). We would also like to acknowledge funding from the Natural Environment Research Council (NERC) , UK via the Facility for Environmental Nanoscience Analysis and Characterisation (FENAC).

Al Zenki, S., Al Omirah, H., Al Hooti, S., Al Hamad, N., Jackson, R.T., Rao, A., Al Jahmah, N., Al Obaid, I., Al Ghani, J., Al Somaie, M., Zaghloul, S., Al Othman, A.
High prevalence of metabolic syndrome among Kuwaiti adults-a wake-up call for public health intervention
(2012) *International Journal of Environmental Research and Public Health*, 9 (5), pp. 1984-1996. Cited 35 times.

Chomérat, N., Saburova, M., Bilien, G., Al-Yamani, F.
Prorocentrum bimaculatum sp. nov. (dinophyceae, prorocentrales), a new benthic dinoflagellate species from kuwait (arabian gulf)
(2012) *Journal of Phycology*, 48 (1), pp. 211-221. Cited 10 times.

Wang, J.-T., Chen, C., Kawazoe, Y.
Orthorhombic carbon allotrope of compressed graphite: Ab initio calculations
(2012) *Physical Review B - Condensed Matter and Materials Physics*, 85 (3), art. no. 033410, . Cited 84 times.

Naser, M.D., Page, T.J., Ng, N.K., Apel, M., Yasser, A.G., Bishop, J.M., Ng, P.K.L., Clark, P.F.
Invasive records of eriocheir hepuensis dai, 1991 (Crustacea: Brachyura: Grapsoidea: Varunidae): Implications and taxonomic considerations
(2012) *BioInvasions Records*, 1 (1), pp. 71-86. Cited 22 times.

Al-Bahouh, M.E., Al-Nasser, A.Y., Abdullah, F.K., Ragheb, G., Mashaly, M.M.
Production performance of different broiler breeds under different housing systems
(2012) *International Journal of Poultry Science*, 11 (3), pp. 190-195. Cited 9 times.

Kamal, H.A., Karam, H.J.
Monitoring program for cement grouting of underground Karst cavities
(2012) *International Journal of GEOMATE*, 3 (2), pp. 392-396.

Al-Salameen, F., Kumar, V., Al-Aqeel, H., Al-Hashash, H., Hejji, A.B.
Detection of genetically modified DNA in fresh and processed foods sold in Kuwait.
(2012) *GM crops & food*, 3 (4), pp. 283-288. Cited 3 times.

Funding details
Kuwait Foundation for the Advancement of Sciences
Kuwait Institute for Scientific Research

Al-Khalifa, H., Al-Nasser, A.
Effect of different protein levels on Arabi chicken performance
(2012) *International Journal of Poultry Science*, 11 (11), pp. 706-709. Cited 2 times.

Abusam, A., Al-Naser, H., Shahalam, A.
Performance evaluation and modeling of the activated sludge system used in Riqqa, Kuwait
(2012) *WIT Transactions on Ecology and the Environment*, 164, pp. 369-380. Cited 1 time.

Bhandary, H., Al-Fahad, K., Al-Senafy, M., Al-Khalid, A.
Usage of environmental isotopes in characterizing groundwater recharge sources
(2012) *WIT Transactions on Ecology and the Environment*, 164, pp. 223-228. Cited 3 times.

Marafi, M., Rana, M.S., Navvamani, R., Al-Sheeha, H.
Utilization of waste spent hydroprocessing catalyst: Development of a process for full recovery of deposited metals and alumina support
(2012) *WIT Transactions on Ecology and the Environment*, 163, pp. 237-249. Cited 5 times.

Al-Senafy, M., Mukhopadhyay, A., Al-Khalid, A., Bhandary, H., Al-Fahad, K., Bushehri, A.
Impact of effluent disposal pit on groundwater quality at Sabriya oil field
(2012) *WIT Transactions on Ecology and the Environment*, 164, pp. 241-248.

Abdullah, F.K., Al-Nasser, A.Y., Al-Zenki, S.F., Al-Saffar, A.E., Al-Bahouh, M.E., Mashaly, M.
Effect of adding various organic acids during the feed withdrawal period on Salmonella reduction in broilers
(2012) *International Journal of Poultry Science*, 11 (7), pp. 482-487.

Al-Bahouh, M.E., Al-Zenki, S.F., Alomirah, H., Al-Failee, B., Al-Mutairi, T., Khan, A.-R.
Conformity of labeling into real composition of local and imported chicken burgers sold in the State of Kuwait
(2012) *International Journal of Poultry Science*, 11 (8), pp. 529-535. Cited 5 times.

Zaghoul, S., Waslien, C., Al Somaie, M., Prakash, P.
Low adherence of kuwaiti adults to fruit and vegetable dietary guidelines [Faible application des directives diététiques concernant les fruits et les légumes par les adultes koweïtiens]
(2012) *Eastern Mediterranean Health Journal*, 18 (5), pp. 461-467. Cited 8 times.

Al-Khalifa, H., Givens, D.I., Rymer, C., Yaqoob, P.
Effect of n-3 fatty acids on immune function in broiler chickens
(2012) *Poultry Science*, 91 (1), pp. 74-88. Cited 57 times.

Publications 2013

Baroon, Z., Razzaque, M.A.
Observations on silage making of landscape Conocarpus browse residues as feed ingredient in Kuwait
(2013) *International Journal of Sustainable Development and Planning*, 8 (3), pp. 362-379.

Hauser, A., Ali, F., Al-Dosari, B., Al-Sammar, H.
Solvent-free determination of TPH in soil by near-infrared reflectance spectroscopy
(2013) *International Journal of Sustainable Development and Planning*, 8 (3), pp. 413-421. Cited 6 times.

Burney, N.A., Johnes, J., Al-Enezi, M., Al-Musallam, M.
The efficiency of public schools: the case of Kuwait
(2013) *Education Economics*, 21 (4), pp. 360-379. Cited 19 times.
Funding details
Kuwait Foundation for the Advancement of Sciences

Feeary, D.A., Burt, J.A., Bauman, A.G., Al Hazeem, S., Abdel-Moati, M.A., Al-Khalifa, K.A., Anderson, D.M., Amos, C., Baker, A., Bartholomew, A., Bento, R., Cavalcante, G.H., Chen, C.A., Coles, S.L., Dab, K., Fowler, A.M., George, D., Grandcourt, E., Hill, R., John, D.M., Jones, D.A., Keshavmurthy, S., Mahmoud, H., Moradi Och Tapeh, M., Mostafavi, P.G., Naser, H., Pichon, M., Purkis, S., Riegl, B., Samimi-Namin, K., Sheppard, C., Vajed Samiei, J., Voolstra, C.R., Wiedenmann, J.
Critical research needs for identifying future changes in Gulf coral reef ecosystems
(2013) *Marine Pollution Bulletin*, 72 (2), pp. 406-416. Cited 25 times.

Funding details
National Science Foundation
National Institute of Environmental Health Sciences
Alfred P. Sloan Foundation

United Nations Educational, Scientific and Cultural Organization
International Council of Ophthalmology
Environment Agency
Rockefeller University
New York University Abu Dhabi
Natural Environment Research Council
University of Southampton
Koninklijke Nederlandse Akademie van Wetenschappen
King Abdullah University of Science and Technology
Sultan Qaboos University
Kuwait University
Naturalis Biodiversity Center

Hajeeh, M.A.

Optimizing an aluminum extrusion process

(2013) *Journal of Mathematics and Statistics*, 9 (2), pp. 77-83. Cited 2 times.

Zaghoul, S., Al-Hooti, S.N., Al-Hamad, N., Al-Zenki, S., Alomirah, H., Alayan, I., Al-Attar, H., Al-Othman, A., Al-Shami, E., Al-Somaie, M., Jackson, R.T.

Evidence for nutrition transition in Kuwait: Over-consumption of macronutrients and obesity

(2013) *Public Health Nutrition*, 16 (4), pp. 596-607. Cited 37 times.

Al-Mazeedi, H.M., Regenstein, J.M., Riaz, M.N.

The issue of undeclared ingredients in halal and kosher food production: A focus on processing aids

(2013) *Comprehensive Reviews in Food Science and Food Safety*, 12 (2), pp. 228-233. Cited 26 times.

Abusam, A., Shahalam, A.B.

Wastewater reuse in Kuwait: Opportunities and constraints

(2013) *WIT Transactions on Ecology and the Environment*, 179 VOLUME 2, pp. 745-754. Cited 9 times.

Al-Khalifa, H., Al-Nasser, A., Ragheb, G., Al-Bahouh, M., Khalil, F., Words, K.

Immunomodulation of black seed in two strains of laying hens

(2013) *International Journal of Poultry Science*, 12 (8), pp. 451-455. Cited 4 times.

Ragheb, G., Al-Nasser, A.E., Abdullah, F.K., Al-Bahouh, M.E., Al-Saffar, A., Al-Khalifa, H., Mashaly, M.M.

Comparative study on production efficiency of two strains of brown and white egg laying hens in Kuwait

(2013) *International Journal of Poultry Science*, 12 (7), pp. 383-389. Cited 3 times.

Baraka, H.A., Elwany, M.H., El-Gamly, I.H., El-Gamly, H.I.

A GIS-based approach to breakdown the TeleDensity indicator and estimate the occupied fixed lines at different administrative levels: A case study in Alexandria Governorate, Egypt

(2013) *Egyptian Journal of Remote Sensing and Space Science*, 16 (1), pp. 23-33. Cited 1 time.

Al-Khalid, A., Al-Senafy, M., Azrag, E.

Estimation of leakage from the freshwater network in Kuwait

(2013) *WIT Transactions on Ecology and the Environment*, 171, pp. 129-138.

Al-Senafy, M., Azrag, E., Al-Otaibi, M., Al-Khalid, A.
Development of a water code of practice for internal plumbing in Kuwait
(2013) *WIT Transactions on Ecology and the Environment*, 171, pp. 97-103.

Publications 2014

Baingana, R.K., Kiboko Enyaru, J., Davidsson, L.
Helicobacter pylori infection in pregnant women in four districts of Uganda: Role of geographic location, education and water sources
(2014) *BMC Public Health*, 14 (1), art. no. 915, . Cited 20 times.

Neelamani, S., Al-Banaa, K.
An approach to estimate the optimal depth of burial of crude oil pipelines for different marine conditions in Kuwait
(2014) *Journal of Engineering Research*, 2 (3), pp. 41-66.

Qasem, H., Betts, T.R., Müllejans, H., Albusairi, H., Gottschalg, R.
Dust-induced shading on photovoltaic modules
(2014) *Progress in Photovoltaics: Research and Applications*, 22 (2), pp. 218-226. Cited 124 times.
Funding details
Engineering and Physical Sciences Research Council

Hussain, H., Sebzali, M., Ameer, B.
Efficiency improvement of steam power plants in Kuwait
(2014) *WIT Transactions on Ecology and the Environment*, 186, pp. 173-184. Cited 2 times.

Saburova, M., Chomérat, N.
Ailadinium reticulatum gen. et sp. nov. (Dinophyceae), a New Thecate, Marine, Sand-Dwelling Dinoflagellate from the Northern Red Sea
(2014) *Journal of Phycology*, 50 (6), pp. 1120-1136. Cited 10 times.

Al-Musalam, L.S., Al-Ameeri, A.A., Saheb, A.S., Al-Yaqout, A.
Effect of herbal feed additive on the growth, Survival and immune response of green tiger prawn (*penaeus semisulcatus*)
(2014) *Pakistan Journal of Nutrition*, 13 (7), pp. 366-371. Cited 4 times.

Al-Senafy, M., Fadlelmawla, A.
Impacts of submarine groundwater discharge on Kuwait bay
(2014) *WIT Transactions on Ecology and the Environment*, 182, pp. 165-173. Cited 1 time.

Marafi, M., Rana, M.S., Al-Sheeha, H.
The recovery of valuable metals and recycling of alumina from a waste spent hydroprocessing catalyst: Extraction with Na salts
(2014) *WIT Transactions on Ecology and the Environment*, 180, pp. 15-27.

Azad, I.S., Al-Yaqout, A., Al-Roumi, M.
Antibacterial and immunity enhancement properties of anaesthetic doses of thyme (*Thymus*

vulgaris) oil and three other anaesthetics in Sparidentax hasta and Acanthopagrus latus
(2014) *Journal of King Saud University - Science*, 26 (2), pp. 101-106. Cited 7 times.

Soheilmoghaddam, M., Wahit, M.U., Yussuf, A.A., Al-Saleh, M.A., Whye, W.T.

Characterization of bio regenerated cellulose/sepiolite nanocomposite films prepared via ionic liquid

(2014) *Polymer Testing*, 33, pp. 121-130. Cited 38 times.

Funding details

Kementerian Sains, Teknologi dan Inovasi
Ministério da Ciência, Tecnologia e Inovação
Universiti Teknologi Malaysia

Publications 2015

Al-Salem, S.M., Abraham, G., Al-Qabandi, O.A., Dashti, A.M.

Investigating the effect of accelerated weathering on the mechanical and physical properties of high content plastic solid waste (PSW) blends with virgin linear low density polyethylene (LLDPE)

(2015) *Polymer Testing*, 46, pp. 116-121. Cited 42 times.

Funding details

Kuwait Institute for Scientific Research

Funding details

The Kuwait Institute for Scientific Research (KISR) and EQUATE Petrochemical Company are gratefully acknowledged for funding this research project (PC017C). Mr. M. Al-Mujaibel and A. Al-Marshad are graciously acknowledged for their support of this work. Dr. A.Tuhl's (NWM Co. Kuwait) contribution is appreciated at the start of this work. Comments from Dr. F. Rasoul and Dr. A. Yussuf (PRC-KISR) are appreciated.

Singh, G., Micha, R., Khatibzadeh, S., Shi, P., Lim, S., Andrews, K.G., Engell, R.E., Ezzati, M., Mozaffarian, D., Fahimi, S., Powles, J., Elmadafa, I., Rao, M., Wirojratana, P., Abbott, P.A., Abdollahi, M., Gilardon, E.A., Ahsan, H., Al Nsour, M.A.A., Al-Hooti, S.N., Arambepola, C., Arennes, H., Arquera, S., Aylin, A., Becker, W., Bjerregaard, P., Bourne, L.T., Calleja, N., Capanzana, M.V., Castetbon, K., Chang, H.-Y., Chen, Y., Cowan, M.J., De Henauw, S., Ding, E.L., Duante, C.A., Duran, P., Arbieri, H.E., Farzadfar, F., Fernando, D.N., Hadziomeragic, A.F., Fisberg, R.M., Forsyth, S., Garriguet, D., Gaspoz, J.-M., Gauci, D., Ginnela, B.N.V., Guessous, I., Gulliford, M.C., Hadden, W., Haerpfer, C., Hoffman, D.J., Houshiar-Rad, A., Huybrechts, I., Hwalla, N.C., Ibrahim, H.M., Inoue, M., Jackson, M.D., Johansson, L., Keinan-Boker, L., Kim, C.-I., Koksal, E., Lee, H.-J., Li, Y., Lipoeto, N.I., Ma, G., Mangialavori, G.L., Matsumura, Y., McGarvey, S.T., Chan, M.F., Mensink, G.B.M., Monge-Rojas, R.A., Musaiger, A.O., Balakrishna, N., Naska, A., Ocke, M.C., Oltarzewski, M., Orfanos, P., Ovaskainen, M.-L., Pan, W.-H., Panagiotakos, D.B., Pekcan, G.A., Petrova, S., Piaseu, N., Pitsavos, C., Posada, L.G., Riley, L.M., Sánchez-Romero, L.M., Selamat, R.B.T., Sharma, S., Sibai, A.M., Sichieri, R., Simmala, C., Steingrimsdottir, L., Swan, G., Sygnowska, E.H., Szponar, L., Tapanainen, H., Templeton, R., Thanopoulou, A., Thorgeirsdóttir, H., Thorsdottir, I., Trichopoulou, A., Tsugane, S., Turrini, A., Vaask, S., Van Oosterhout, C., Veerman, J.L., Verena, N., Waskiewicz, A., Zaghloul, S., Zajkás, G.

Global, regional, and national consumption of sugar-sweetened beverages, fruit juices, and milk: A systematic assessment of beverage intake in 187 countries

(2015) *PLoS ONE*, 10 (8), art. no. e0124845, . Cited 221 times.

Funding details

National Institutes of Health

National Heart, Lung, and Blood Institute
National Institute of Diabetes and Digestive and Kidney Diseases
Eunice Kennedy Shriver National Institute of Child Health and Human Development

Zenki, S.A., Alomirah, H., Hooti, S.A., Hamad, N.A., Jackson, R.T., Rao, A., Jahmah, N.A., Obaid, I.A., Ghanim, J.A., Somaie, M.A., Zaghloul, S., Othman, A.A.

Prevalence and determinants of anemia and iron deficiency in Kuwait

(2015) *International Journal of Environmental Research and Public Health*, 12 (8), pp. 9036-9045. Cited 8 times.

Alkhamis, M.A., Moore, B.R., Perez, A.M.

Phylogenetics of H5N1 highly pathogenic avian influenza in Europe, 2005–2010: Potential for molecular surveillance of new outbreaks

(2015) *Viruses*, 7 (6), pp. 3310-3328. Cited 16 times.

Funding details

National Science Foundation

Ahmad, N.H., Ahmed, J., Hashim, D.M., Manap, Y.A., Mustafa, S.

Oscillatory and steady shear rheology of gellan/dextran blends

(2015) *Journal of Food Science and Technology*, 52 (5), pp. 2902-2909. Cited 7 times.

Funding details

Universiti Putra Malaysia

Wan, Y., Wu, Q., Abualnaja, K.O., Asimakopoulos, A.G., Covaci, A., Gevao, B., Johnson-Restrepo, B., Kumosani, T.A., Malarvannan, G., Moon, H.-B., Nakata, H., Sinha, R.K., Minh, T.B., Kannan, K.

Occurrence of perchlorate in indoor dust from the United States and eleven other countries: Implications for human exposure

(2015) *Environment International*, 75, pp. 166-171. Cited 29 times.

Funding details

Centers for Disease Control and Prevention

Japan Society for the Promotion of Science

Funding details

The authors thank Pierina Maza-Anaya, a youth research fellow supported by the Colombian National Science and Technology System, for helping with dust sample collection from Colombia; Dr. Dilip Kumar Kedia helped with collection of dust samples from India. This study was funded by a grant (U38EH000464-01) from the Centers for Disease Control and Prevention (CDC, Atlanta, GA) to Wadsworth Center, New York State Department of Health, where the study was conceived and performed. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of the CDC.

Sherif El-Eskandarany, M., Shaban, E.

Contamination effects on improving the hydrogenation/dehydrogenation kinetics of binary magnesium hydride/titanium carbide systems prepared by reactive ball milling

(2015) *Materials*, 8 (10), pp. 6880-6892. Cited 11 times.

Zlotkin, S.H., Davidsson, L., Lozoff, B.

Balancing the benefits and risks of iron fortification in resource-constrained settings

(2015) *Journal of Pediatrics*, 167 (4), pp. S26-S30. Cited 2 times.

Funding details

National Institute of Environmental Health Sciences
Eunice Kennedy Shriver National Institute of Child Health and Human Development

Fitzsimmons, J.N., Bundy, R.M., Al-Subiai, S.N., Barbeau, K.A., Boyle, E.A.

The composition of dissolved iron in the dusty surface ocean: An exploration using size-fractionated iron-binding ligands

(2015) *Marine Chemistry*, 173, pp. 125-135. Cited 31 times.

Afshin, A., Micha, R., Khatibzadeh, S., Fahimi, S., Shi, P., Powles, J., Singh, G., Yakoob, M.Y., Abdollahi, M., Al-Hooti, S., Farzadfar, F., Houshiar-Rad, A., Hwalla, N., Koksal, E., Musaiger, A., Pekcan, G., Sibai, A.M., Zaghoul, S., Danaei, G., Ezzati, M., Mozaffarian, D., 2010 Global Burden of Diseases, Injuries, and Risk Factors Study, NUTRItrition and ChrOnic Diseases Expert Group (NUTRICODE), Metabolic Risk Factors of ChrOnic Diseases Collaborating Group

The impact of dietary habits and metabolic risk factors on cardiovascular and diabetes mortality in countries of the Middle East and North Africa in 2010: A comparative risk assessment analysis

(2015) *BMJ Open*, 5 (5), art. no. e006385, Cited 61 times.

Funding details

National Heart, Lung, and Blood Institute

National Institute of Diabetes and Digestive and Kidney Diseases

Qasem, J.A., Al-Mouqati, S.A., Al-Ali, E.M., Ben-Haji, A.

Application of molecular and serological methods for rapid detection of *Mycoplasma gallisepticum* infection (Avian mycoplasmosis)

(2015) *Pakistan Journal of Biological Sciences*, 18 (2), pp. 81-87. Cited 7 times.

Qasem, J.A., AlMomin, S., Al-Mouqati, S.A., Kumar, V.

Characterization and evaluation of an arbitrary primed Polymerase Chain Reaction (PCR) product for the specific detection of *Brucella* species

(2015) *Saudi Journal of Biological Sciences*, 22 (2), pp. 220-226. Cited 5 times.

Funding details

Kuwait Foundation for the Advancement of Sciences

Publications 2016

El-Eskandarany, M.S., Shaban, E., Ali, N., Aldakheel, F., Alkandary, A.

In-situ catalyzation approach for enhancing the hydrogenation/dehydrogenation kinetics of MgH₂ powders with Ni particles

(2016) *Scientific Reports*, 6, art. no. 37335, . Cited 33 times.

Peng, H., Varanasi, S., Wang, D.K., Blakey, I., Rasoul, F., Symons, A., Hill, D.J.T., Whittaker, A.K.

Synthesis, swelling, degradation and cytocompatibility of crosslinked PLLA-PEG-PLLA networks with short PLLA blocks

(2016) *European Polymer Journal*, 84, pp. 448-464. Cited 5 times.

Funding details

American Australian Association

Chevron Australia

Australian Research Council
University of Queensland

Davidsson, L., Al-Ghanim, J., Al-Ati, T., Al-Hamad, N., Al-Mutairi, A., Al-Olayan, L., Preston, T.
Total energy expenditure in obese kuwaiti primary school children assessed by the doubly-labeled water technique
(2016) *International Journal of Environmental Research and Public Health*, 13 (10), art. no. 1007, . Cited 1 time.

Funding details

Kuwait University

International Atomic Energy Agency

Kuwait Institute for Scientific Research

The authors are indebted to all children participating in this study as well as to their parents and teachers for their cooperation. We gratefully acknowledge the excellent collaboration of the Ministry of Education, represented by Ibtisam Al Haye, Director of Research. The authors are very grateful to Joseph Gomez, Kuwait University, for his expert advice on statistics. This study was supported by the International Atomic Energy Agency (IAEA), Technical Cooperation grant KUW6/006, and Kuwait Institute for Scientific Research (KISR), project FB090C.

Gök, R., Kaviani, A., Matzel, E.M., Pasyanos, M.E., Mayeda, K., Yetirmishli, G., El Hussain, I., Al Amri, A., Al Jeri, F., Godoladze, T., Kalafat, D., Sandvol, E.A., Walter, W.R.

Moment magnitudes of local/regional events from 1D coda calibrations in the broader middle east region

(2016) *Bulletin of the Seismological Society of America*, 106 (5), pp. 1926-1938. Cited 10 times.

Al-Hajji, L., Nassehi, V., Stapley, A.

Spatial variation of starch retrogradation in Arabic flat bread during storage

(2016) *Journal of Food Engineering*, 187, pp. 44-52. Cited 8 times.

Funding details

Kuwait Institute for Scientific Research

Latifah Al-Hajji wishes to thank the Kuwait Institute for Scientific Research for funding her PhD studies.

Belkhiria, J., Alkhamis, M.A., Martínez-López, B.

Application of Species Distribution Modeling for Avian Influenza surveillance in the United States considering the North America Migratory Flyways

(2016) *Scientific Reports*, 6, art. no. 33161, . Cited 16 times.

Habib, K.

Surface resistivity/conductivity of oxide–hydroxide compounds in inhibited seawater by optical interferometry

(2016) *Journal of Saudi Chemical Society*, 20, pp. S541-S546. Cited 3 times.

NCD Risk Factor Collaboration (NCD-RisC), Bentham, J., Di Cesare, M., Stevens, G.A., Zhou, B., Bixby, H., Cowan, M., Fortunato, L., Bennett, J.E., Danaei, G., Hajifathalian, K., Lu, Y., Riley, L.M., Laxmaiah, A., Kontis, V., Paciorek, C.J., Ezzati, M., Abdeen, Z.A., Hamid, Z.A., Abu-Rmeileh, N.M., Acosta-Cazares, B., Adams, R., Aekplakorn, W., Aguilar-Salinas, C.A., Agyemang, C., Ahmadvand, A., Ahrens, W., Al-Hazzaa, H.M., Al-Othman, A.R., Raddadi, R.A., Ali, M.M., Alkerwi, A., Alvarez-Pedrerol, M., Aly, E., Amouyel, P., Amuzu, A., Andersen, L.B., Anderssen, S.A., Anjana, R.M., Aounallah-Skhiri, H., Ariansen, I., Aris, T., Arlappa, N., Arveiler, D., Assah, F.K., Avdicová, M., Azizi,

F., Babu, B.V., Bahijri, S., Balakrishna, N., Bandosz, P., Banegas, J.R., Barbagallo, C.M., Barceló, A., Barkat, A., Barros, M.V., Bata, I., Batieha, A.M., Batista, R.L., Baur, L.A., Beaglehole, R., Romdhane, H.B., Benet, M., Bernabe-Ortiz, A., Bernotiene, G., Bettoli, H., Bhagalaxmi, A., Bharadwaj, S., Bhargava, S.K., Bhatti, Z., Bhutta, Z.A., Bi, H., Bi, Y., Bjerregaard, P., Bjertness, E., Bjertness, M.B., Björkelund, C., Blokstra, A., Bo, S., Bobak, M., Boddy, L.M., Boehm, B.O., Boeing, H., Boissonnet, C.P., Bongard, V., Bovet, P., Braeckman, L., Bragt, M.C.E., Brajkovich, I., Branca, F., Breckenkamp, J., Brenner, H., Brewster, L.M., Brian, G.R., Bruno, G., Bueno-de-Mesquita, H.B., Bugge, A., Burns, C., De León, A.C., Cacciottolo, J., Cama, T., Cameron, C., Camolas, J., Can, G., Cândido, A.P.C., Capuano, V., Cardoso, V.C., Carlsson, A.C., Carvalho, M.J., Casanueva, F.F., Casas, J.-P., Caserta, C.A., Chamukuttan, S., Chan, A.W., Chan, Q., Chaturvedi, H.K., Chaturvedi, N., Chen, C.-J., Chen, F., Chen, H., Chen, S., Chen, Z., Cheng, C.-Y., Chetrit, A., Chiolero, A., Chiou, S.-T., Chirita-Emandi, A., Cho, B., Cho, Y., Christensen, K., Chudek, J., Cifkova, R., Claessens, F., Clays, E., Concin, H., Cooper, C., Cooper, R., Coppinger, T.C., Costanzo, S., Cottel, D., Cowell, C., Craig, C.L., Crujeiras, A.B., D'Arrigo, G., d'Orsi, E., Dallongeville, J., Damasceno, A., Damsgaard, C.T., Dankner, R., Dauchet, L., De Backer, G., De Bacquer, D., de Gaetano, G., De Henauw, S., De Smedt, D., Deepa, M., Deev, A.D., Dehghan, A., Delisle, H., Delpeuch, F., Deschamps, V., Dhana, K., Di Castelnuovo, A.F., Dias-da-Costa, J.S., Diaz, A., Djalalinia, S., Do, H.T.P., Dobson, A.J., Donfrancesco, C., Donoso, S.P., Döring, A., Doua, K., Drygas, W., Dzerve, V., Egbagbe, E.E., Eggertsen, R., Ekelund, U., El Ati, J., Elliott, P., Engle-Stone, R., Erasmus, R.T., Erem, C., Eriksen, L., Escobedo-de la Peña, J., Evans, A., Faeh, D., Fall, C.H., Farzadfar, F., Felix-Redondo, F.J., Ferguson, T.S., Fernández-Bergés, D., Ferrante, D., Ferrari, M., Ferreccio, C., Ferrieres, J., Finn, J.D., Fischer, K., Flores, E.M., Föger, B., Foo, L.H., Forslund, A.-S., Forsner, M., Fortmann, S.P., Fouad, H.M., Francis, D.K., Do Carmo Franco, M., Franco, O.H., Frontera, G., Fuchs, F.D., Fuchs, S.C., Fujita, Y., Furusawa, T., Gaciong, Z., Gafencu, M., Gareta, D., Garnett, S.P., Gaspoz, J.-M., Gasull, M., Gates, L., Geleijnse, J.M., Ghasemian, A., Giampaoli, S., Gianfagna, F., Giovannelli, J., Giwercman, A., Goldsmith, R.A., Gonçalves, H., Gross, M.G., González Rivas, J.P., Gorbea, M.B., Gottrand, F., Graff-Iversen, S., Grafnetter, D., Grajda, A., Grammatikopoulou, M.G., Gregor, R.D., Grodzicki, T., Grøntved, A., Gruden, G., Grujic, V., Gu, D., Gualdi-Russo, E., Guan, O.P., Gudnason, V., Guerrero, R., Guessous, I., Guimaraes, A.L., Gulliford, M.C., Gunnlaugsdottir, J., Gunter, M., Guo, X., Guo, Y., Gupta, P.C., Gureje, O., Gurzkowska, B., Gutierrez, L., Gutzwiller, F., Halkjær, J., Hambleton, I.R., Hardy, R., Kumar, R.H., Hata, J., Hayes, A.J., He, J., Hendriks, M.E., Cadena, L.H., Herrala, S., Heshmat, R., Hihtaniemi, I.T., Ho, S.Y., Ho, S.C., Hobbs, M., Hofman, A., Hormiga, C.M., Horta, B.L., Houti, L., Howitt, C., Htay, T.T., Htet, A.S., Htike, M.M.T., Hu, Y., Husseini, A., Huu, C.N., Huybrechts, I., Hwalla, N., Iacoviello, L., Iannone, A.G., Ibrahim, M.M., Ikeda, N., Arfan Ikram, M., Irazola, V.E., Islam, M., Ivkovic, V., Iwasaki, M., Jackson, R.T., Jacobs, J.M., Jafar, T., Jamil, K.M., Jamrozik, K., Janszky, I., Jasienska, G., Jelakovic, B., Jiang, C.Q., Joffres, M., Johansson, M., Jonas, J.B., Jørgensen, T., Joshi, P., Juolevi, A., Jurak, G., Jureša, V., Kaaks, R., Kafatos, A., Kalter-Leibovici, O., Kapantais, E., Kasaeian, A., Katz, J., Kaur, P., Kavousi, M., Keil, U., Boker, L.K., Keinänen-Kiukaanniemi, S., Kelishadi, R., Kemper, H.C.G., Kengne, A.P., Kersting, M., Key, T., Khader, Y.S., Khalili, D., Khang, Y.-H., Khaw, K.-T.H., Khouw, I.M.S.L., Kiechl, S., Killewo, J., Kim, J., Klimont, J., Klumbiene, J., Koirala, B., Kolle, E., Kolsteren, P., Korrovits, P., Koskinen, S., Kouda, K., Koziel, S., Kratzer, W., Krokstad, S., Kromhout, D., Kruger, H.S., Kubanova, R., Kujala, U.M., Kula, K., Kulaga, Z., Krishna Kumar, R., Kurjata, P., Kusuma, Y.S., Kuulasmaa, K., Kyobutungi, C., Laamiri, F.Z., Laatikainen, T., Lachat, C., Laid, Y., Lam, T.H., Landrove, O., Lanska, V., Lappas, G., Larijani, B., Laugsand, L.E., Bao, K.L.N., Le, T.D., Leclercq, C., Lee, J., Lee, J., Lehtimäki, T., Rampal, L., León-Muñoz, L.M., Li, Y., Lilly, C.L., Lim, W.-Y., Fernanda Lima-Costa, M., Lin, H.-H., Lin, X., Linneberg, A., Lissner, L., Litwin, M., Liu, J., Lorbeer, R., Lotufo, P.A., Lozano, J.E., Luksiene, D., Lundqvist, A., Lunet, N., Lytsy, P., Ma, G., Ma, J., Machado-Coelho, G.L.L., Machi, S., Maggi, S., Magliano, D.J., Maire, B., Makdisse, M., Malekzadeh, R., Malhotra, R., Rao, K.M., Malyutina, S., Manios, Y., Mann, J.I., Manzato, E., Margozzini, P., Markey, O., Marques-Vidal, P., Marrugat, J., Martin-Prevel, Y., Martorell, R., Masoodi, S.R., Mathiesen, E.B., Matsha, T.E., Mazur, A., Mbanya, J.C.N., McFarlane, S.R., McGarvey, S.T.,

McKee, M., McLachlan, S., McLean, R.M., McNulty, B.A., Yusof, S.M., Mediene-Benchekor, S., Meirhaeghe, A., Meisinger, C., Menezes, A.M.B., Mensink, G.B.M., Meshram, I.I., Metspalu, A., Mi, J., Michaelsen, K.F., Mikkel, K., Miller, J.C., Miquel, J.F., Jaime Miranda, J., Mišigoj-Durakovic, M., Mohamed, M.K., Mohammad, K., Mohammadifard, N., Mohan, V., Yusoff, M.F.M., Molbo, D., Møller, N.C., Molnár, D., Mondo, C.K., Monterrubio, E.A., Monyeki, K.D.K., Moreira, L.B., Morejon, A., Moreno, L.A., Morgan, K., Mortensen, E.L., Moschonis, G., Mossakowska, M., Mostafa, A., Mota, J., Motlagh, M.E., Motta, J., Mu, T.T., Muijesan, M.L., Müller-Nurasyid, M., Murphy, N., Mursu, J., Murtagh, E.M., Musa, K.I., Musil, V., Nagel, G., Nakamura, H., Námešná, J., Nang, E.E.K., Nangia, V.B., Nankap, M., Narake, S., Navarrete-Muñoz, E.M., Neal, W.A., Nenko, I., Neovius, M., Nervi, F., Neuhauser, H.K., Nguyen, N.D., Nguyen, Q.N., Nieto-Martínez, R.E., Ning, G., Ninomiya, T., Nishtar, S., Noale, M., Norat, T., Noto, D., Nsour, M.A., O'Reilly, D., Oh, K., Olayan, I.H., Olinto, M.T.A., Oltarzewski, M., Omar, M.A., Onat, A., Ordunez, P., Ortiz, A.P., Osler, M., Osmond, C., Ostojic, S.M., Otero, J.A., Overvad, K., Owusu-Dabo, E., Paccaud, F.M., Padez, C., Pahomova, E., Pajak, A., Palli, D., Palloni, A., Palmieri, L., Panda-Jonas, S., Panza, F., Parnell, W.R., Parsaeian, M., Pecin, I., Pednekar, M.S., Peeters, P.H., Peixoto, S.V., Peltonen, M., Pereira, A.C., Pérez, C.M., Peters, A., Petkeviciene, J., Peykari, N., Pham, S.T., Pigeot, I., Pikhart, H., Pilav, A., Pilotto, L., Pistelli, F., Pitakaka, F., Piwonska, A., Plans-Rubió, P., Poh, B.K., Porta, M., Portegies, M.L.P., Poulimeneas, D., Pradeepa, R., Prashant, M., Price, J.F., Puiu, M., Punab, M., Qasrawi, R.F., Qorbani, M., Bao, T.Q., Radic, I., Radisauskas, R., Rahman, M.-M., Raitakari, O., Raj, M., Rao, S.R., Ramachandran, A., Ramke, J., Ramos, R., Rampal, S., Rasmussen, F., Redon, J., Reganit, P.F.M., Ribeiro, R., Riboli, E., Rigo, F., Rinke de Wit, T.F., Ritti-Dias, R.M., Rivera, J.A., Robinson, S.M., Robitaille, C., Rodríguez-Artalejo, F., Del Cristo Rodriguez-Perez, M., Rodríguez-Villamizar, L.A., Rojas-Martinez, R., Rojroong-Wasinkul, N., Romaguera, D., Ronkainen, K., Rosengren, A., Rouse, I., Rubinstein, A., Rühli, F.J., Rui, O., Ruiz-Betancourt, B.S., Russo Horimoto, A.R.V., Rutkowski, M., Sabanayagam, C., Sachdev, H.S., Saidi, O., Salanave, B., Martinez, E.S., Salomaa, V., Salonen, J.T., Salvetti, M., Sánchez-Abanto, J., Sandjaja, Sans, S., Santos, D.A., Santos, O., Dos Santos, R.N., Santos, R., Saramies, J.L., Sardinha, L.B., Sarrafzadegan, N., Saum, K.-U., Savva, S.C., Scauzufca, M., Rosario, A.S., Schargrodsky, H., Schienkiewitz, A., Schmidt, I.M., Schneider, I.J., Schultsz, C., Schutte, A.E., Sein, A.A., Sen, A., Senbanjo, I.O., Sepanlou, S.G., Shalnova, S.A., Sharma, S.K., Shaw, J.E., Shibuya, K., Shin, D.W., Shin, Y., Shiri, R., Siantar, R., Sibai, A.M., Silva, A.M., Silva, D.A.S., Simon, M., Simons, J., Simons, L.A., Sjostrom, M., Slowikowska-Hilczer, J., Slusarczyk, P., Smeeth, L., Smith, M.C., Snijder, M.B., So, H.-K., Sobngwi, E., Söderberg, S., Soekatri, M.Y.E., Solfrizzi, V., Sonestedt, E., Song, Y., Sørensen, T.I.A., Soric, M., Jérôme, C.S., Soumare, A., Staessen, J.A., Starc, G., Stathopoulou, M.G., Staub, K., Stavreski, B., Steene-Johannessen, J., Stehle, P., Stein, A.D., Stergiou, G.S., Stessman, J., Stieber, J., Stöckl, D., Stocks, T., Stokwiszewski, J., Stratton, G., Stronks, K., Strufaldi, M.W., Sun, C.-A., Sundström, J., Sung, Y.-T., Sunyer, J., Suriyawongpaisal, P., Swinburn, B.A., Sy, R.G., Szponar, L., Shyong Tai, E., Tammesoo, M.-L., Tamosiunas, A., Tang, L., Tang, X., Tanser, F., Tao, Y., Tarawneh, M.R., Tarp, J., Tarqui-Mamani, C.B., Taylor, A., Tchibindat, F., Theobald, H., Thijs, L., Thuesen, B.H., Tjonneland, A., Tolonen, H.K., Tolstrup, J.S., Topbas, M., Topór-Madry, R., Torrent, M., Toselli, S., Traissac, P., Trichopoulou, A., Trichopoulos, D., Trinh, O.T.H., Trivedi, A., Tshepo, L., Tulloch-Reid, M.K., Tuomainen, T.-P., Tuomilehto, J., Turley, M.L., Tynelius, P., Tzotzas, T., Tzourio, C., Ueda, P., Ukoli, F.A.M., Ulmer, H., Unal, B., Uusitalo, H.M.T., Valdivia, G., Vale, S., Valvi, D., van der Schouw, Y.T., Van Herck, K., Van Minh, H., van Rossem, L., van Valkengoed, I.G.M., Vanderschueren, D., Vanuzzo, D., Vatten, L., Vega, T., Velasquez-Melendez, G., Veronesi, G., Monique Verschuren, W.M., Verstraeten, R., Victora, C.G., Viegi, G., Viet, L., Viikari-Juntura, E., Vineis, P., Vioque, J., Virtanen, J.K., Visvikis-Siest, S., Viswanathan, B., Vollenweider, P., Voutilainen, S., Vrdoljak, A., Vrijheid, M., Wade, A.N., Wagner, A., Walton, J., Mohamud, W.N.W., Wang, M.-D., Wang, Q., Wang, Y.X., Goya Wannamethee, S., Wareham, N., Weerasekera, D., Whincup, P.H., Widhalm, K., Widyahening, I.S., Wiecek, A., Wijga, A.H., Wilks, R.J., Willeit, J., Wilsgaard, T., Wojtyniak, B., Wong, J.E., Wong, T.Y., Woo, J., Woodward, M., Wu, F.C., Wu, J., Wu, S.L., Xu, H., Xu, L., Yamborisut, U., Yan, W., Yang, X., Yardim, N., Ye, X., Yiallouros, P.K., Yoshihara, A., You,

Q.S., Younger-Coleman, N.O., Yusoff, A.F., Zainuddin, A.A., Zambon, S., Zdrojewski, T., Zeng, Y., Zhao, D., Zhao, W., Zheng, Y., Zhou, M., Zhu, D., Zimmermann, E., Cisneros, J.Z.

A century of trends in adult human height

(2016) *eLife*, 5 (2016JULY), art. no. e13410, . Cited 116 times.

Funding details

National Heart, Lung, and Blood Institute

Eunice Kennedy Shriver National Institute of Child Health and Human Development

Seventh Framework Programme

Medical Research Council

Economic and Social Research Council

Saburova, M., Chomérat, N.

An emended description and phylogeny of the little-known *Prorocentrum sipadanense*

Mohammad-Noor, Daugbjerg & Moestrup (Prorocentrales, Dinophyceae) from the Indian Ocean, Oman

(2016) *European Journal of Phycology*, 51 (3), pp. 270-281. Cited 1 time.

Kupwade-Patil, K., Al-Aibani, A.F., Abdulsalam, M.F., Mao, C., Bumajdad, A., Palkovic, S.D., Büyüköztürk, O.

Microstructure of cement paste with natural pozzolanic volcanic ash and Portland cement at different stages of curing

(2016) *Construction and Building Materials*, 113, pp. 423-441. Cited 39 times.

Funding details

National Science Foundation

Kuwait Foundation for the Advancement of Sciences

Khan, A.R., Al-Awadi, L., Al-Rashidi, M.S.

Control of ammonia and urea emissions from urea manufacturing facilities of Petrochemical Industries Company (PIC), Kuwait

(2016) *Journal of the Air and Waste Management Association*, 66 (6), pp. 609-618. Cited 6 times.

Alomair, O., Jumaa, M., Alkoriem, A., Hamed, M.

Heavy oil viscosity and density prediction at normal and elevated temperatures

(2016) *Journal of Petroleum Exploration and Production Technology*, 6 (2), pp. 253-263. Cited 15 times.

Funding details

Kuwait University

El-Eskandarany, M.S.

Metallic glassy Zr70Ni20Pd10 powders for improving the hydrogenation/dehydrogenation behavior of MgH₂

(2016) *Scientific Reports*, 6, art. no. 26936, . Cited 30 times.

Funding details

Kuwait Foundation for the Advancement of Sciences

Zhou, B., Lu, Y., Hajifathalian, K., Bentham, J., Di Cesare, M., Danaei, G., Bixby, H., Cowan, M.J., Ali, M.K., Taddei, C., Lo, W.-C., Reis-Santos, B., Stevens, G.A., Riley, L.M., Miranda, J.J., Bjerregaard, P., Rivera, J.A., Fouad, H.M., Ma, G., Mbanya, J.C.N., McGarvey, S.T., Mohan, V., Onat, A., Pilav, A., Ramachandran, A., Ben Romdhane, H., Paciorek, C.J., Bennett, J.E., Ezzati, M., Abdeen, Z.A., Kadir, K.A., Abu-Rmeileh, N.M., Acosta-Cazares, B., Adams, R., Aekplakorn, W., Aguilar-Salinas, C.A., Agyemang, C., Ahmadvand, A., Al-Othman, A.R., Alkerwi, A., Amouyal, P., Amuzu, A., Bo Andersen,

L., Anderssen, S.A., Anjana, R.M., Aounallah-Skhiri, H., Aris, T., Arlappa, N., Arveiler, D., Assah, F.K., Avdicová, M., Azizi, F., Balakrishna, N., Bandosz, P., Barbagallo, C.M., Barceló, A., Batieha, A.M., Baur, L.A., Benet, M., Bernabe-Ortiz, A., Bharadwaj, S., Bhargava, S.K., Bi, Y., Bjertness, E., Bjertness, M.B., Björkelund, C., Blokstra, A., Bo, S., Boehm, B.O., Boissonnet, C.P., Bovet, P., Brajkovich, I., Breckenkamp, J., Brenner, H., Brewster, L.M., Brian, G.R., Bruno, G., Bugge, A., De León, A.C., Can, G., Cândido, A.P.C., Capuano, V., Carlsson, A.C., Carvalho, M.J., Casanueva, F.F., Casas, J.-P., Caserta, C.A., Castetbon, K., Chamukuttan, S., Chaturvedi, N., Chen, C.-J., Chen, F., Chen, S., Cheng, C.-Y., Chetrit, A., Chiou, S.-T., Cho, Y., Chudek, J., Cifkova, R., Claessens, F., Concin, H., Cooper, C., Cooper, R., Costanzo, S., Cottel, D., Cowell, C., Crujeiras, A.B., D'Arrigo, G., Dallongeville, J., Dankner, R., Dauchet, L., De Gaetano, G., De Henauw, S., Deepa, M., Dehghan, A., Deschamps, V., Dhana, K., Di Castelnuovo, A.F., Djalalinia, S., Doua, K., Drygas, W., Du, Y., Dzerve, V., Egbagbe, E.E., Eggertsen, R., El Ati, J., Elosua, R., Erasmus, R.T., Erem, C., Ergor, G., Eriksen, L., Escobedo-De La Peña, J., Fall, C.H., Farzadfar, F., Felix-Redondo, F.J., Ferguson, T.S., Fernández-Bergés, D., Ferrari, M., Ferreccio, C., Feskens, E.J.M., Finn, J.D., Föger, B., Foo, L.H., Forslund, A.-S., Francis, D.K., Do Carmo Franco, M., Franco, O.H., Frontera, G., Furusawa, T., Gacióng, Z., Garnett, S.P., Gaspoz, J.-M., Gasull, M., Gates, L., Geleijnse, J.M., Ghasemian, A., Ghimire, A., Giampaoli, S., Gianfagna, F., Giovannelli, J., Giwercman, A., Gross, M.G., Rivas, J.P.G., Gorbea, M.B., Gottrand, F., Grafnetter, D., Grodzicki, T., Grøntved, A., Gruden, G., Gu, D., Guan, O.P., Guerrero, R., Guessous, I., Guimaraes, A.L., Gutierrez, L., Hambleton, I.R., Hardy, R., Kumar, R.H., Hata, J., He, J., Heidemann, C., Herrala, S., Hihtaniemi, I.T., Ho, S.Y., Ho, S.C., Hofman, A., Hormiga, C.M., Horta, B.L., Houti, L., Howitt, C., Htay, T.T., Htet, A.S., Htike, M.M.T., Hu, Y., Hussieni, A.S., Huybrechts, I., Hwalla, N., Iacoviello, L., Iannone, A.G., Ibrahim, M.M., Ikeda, N., Ikram, M.A., Irazola, V.E., Islam, M., Iwasaki, M., Jacobs, J.M., Jafar, T., Jamil, K.M., Jasienka, G., Jiang, C.Q., Jonas, J.B., Joshi, P., Kafatos, A., Kalter-Leibovici, O., Kasaeian, A., Katz, J., Kaur, P., Kavousi, M., Keinänen-Kiukaanniemi, S., Kelishadi, R., Kengne, A.P., Kersting, M., Khader, Y.S., Khalili, D., Khang, Y.-H., Kiechl, S., Kim, J., Kolsteren, P., Korrovits, P., Kratzer, W., Kromhout, D., Kujala, U.M., Kula, K., Kyobutungi, C., Laatikainen, T., Lachat, C., Laid, Y., Lam, T.H., Landrove, O., Lanska, V., Lappas, G., Laxmaiah, A., Leclercq, C., Lee, J., Lee, J., Lehtimäki, T., Rampal, L., León-Muñoz, L.M., Li, Y., Lim, W.-Y., Lima-Costa, M.F., Lin, H.-H., Lin, X., Lissner, L., Lorbeer, R., Lozano, J.E., Luksiene, D., Lundqvist, A., Lytsy, P., Machado-Coelho, G.L.L., Machi, S., Maggi, S., Magliano, D.J., Makdisse, M., Rao, K.M., Manios, Y., Manzato, E., Margozzini, P., Marques-Vidal, P., Martorell, R., Masoodi, S.R., Mathiesen, E.B., Matsha, T.E., McFarlane, S.R., McLachlan, S., McNulty, B.A., Mediene-Benchekor, S., Meirhaeghe, A., Menezes, A.M.B., Merat, S., Meshram, I.I., Mi, J., Miquel, J.F., Mohamed, M.K., Mohammad, K., Mohammadifard, N., Mohd Yusoff, M.F., Møller, N.C., Molnár, D., Mondo, C.K., Morejon, A., Moreno, L.A., Morgan, K., Moschonis, G., Mossakowska, M., Mostafa, A., Mota, J., Motta, J., Mu, T.T., Muiesan, M.L., Müller-Nurasyid, M., Mursu, J., Nagel, G., Námešná, J., Nang, E.E.K., Nangia, V.B., Navarrete-Muñoz, E.M., Ndiaye, N.C., Nenko, I., Nervi, F., Nguyen, N.D., Nguyen, Q.N., Nieto-Martínez, R.E., Ning, G., Ninomiya, T., Noale, M., Noto, D., Al Nsour, M., Ochoa-Avilés, A.M., Oh, K., Ordunez, P., Osmond, C., Otero, J.A., Owusu-Dabo, E., Pahomova, E., Palmieri, L., Panda-Jonas, S., Panza, F., Parsaeian, M., Peixoto, S.V., Peltonen, M., Peters, A., Peykari, N., Pham, S.T., Pitakaka, F., Piwonska, A., Piwonski, J., Plans-Rubió, P., Porta, M., Portegies, M.L.P., Poustchi, H., Pradeepa, R., Price, J.F., Punab, M., Qasrawi, R.F., Qorbani, M., Radisauskas, R., Rahman, M., Raitakari, O., Rao, S.R., Ramke, J., Ramos, R., Rampal, S., Rathmann, W., Redon, J., Reganit, P.F.M., Rigo, F., Robinson, S.M., Robitaille, C., Rodríguez-Artalejo, F., Del CristoRodríguez-Perez, M., Rodríguez-Villamizar, L.A., Rojas-Martinez, R., Ronkainen, K., Rosengren, A., Rubinstein, A., Rui, O., Ruiz-Betancourt, B.S., Horimoto, A.R.V.R., Rutkowski, M., Sabanayagam, C., Sachdev, H.S., Saidi, O., Sakarya, S., Salanave, B., Salonen, J.T., Salvetti, M., Sánchez-Abanto, J., Santos, D., Dos Santos, R.N., Santos, R., Saramies, J.L., Sardinha, L.B., Sarrafzadegan, N., Saum, K.-U., Scazufca, M., Schagrotsky, H., Scheidt-Nave, C., Sein, A.A., Sharma, S.K., Shaw, J.E., Shibuya, K., Shin, Y., Shiri, R., Siantar, R., Sibai, A.M., Simon, M., Simons, J., Simons, L.A., Sjostrom, M., Slowikowska-Hilczer, J., Slusarczyk, P., Smeeth, L., Snijder, M.B., So, H.-K., Sobngwi, E., Söderberg,

S., Solfrizzi, V., Sonestedt, E., Soumare, A., Staessen, J.A., Stathopoulou, M.G., Steene-Johannessen, J., Stehle, P., Stein, A.D., Stessman, J., Stöckl, D., Stokwiszewski, J., Stronks, K., Strufaldi, M.W., Sun, C.-A., Sundström, J., Sung, Y.-T., Suriyawongpaisal, P., Sy, R.G., Tai, E.S., Tamosiunas, A., Tang, L., Tarawneh, M., Tarqui-Mamani, C.B., Taylor, A., Theobald, H., Thijs, L., Thuesen, B.H., Tolonen, H.K., Tolstrup, J.S., Topbas, M., Torrent, M., Traissac, P., Trinh, O.T.H., Tulloch-Reid, M.K., Tuomainen, T.-P., Turley, M.L., Tzourio, C., Ueda, P., Ukoli, F.A.M., Ulmer, H., Uusitalo, H.M.T., Valdivia, G., Valvi, D., Van Rossem, L., Van Valkengoed, I.G.M., Vanderschueren, D., Vanuzzo, D., Vega, T., Velasquez-Melendez, G., Veronesi, G., Verschuren, W.M.M., Verstraeten, R., Viet, L., Vioque, J., Virtanen, J.K., Visvikis-Siest, S., Viswanathan, B., Vollenweider, P., Voutilainen, S., Vrijheid, M., Wade, A.N., Wagner, A., Walton, J., Wan Mohamud, W.N., Wang, F., Wang, M.-D., Wang, Q., Wang, Y.X., Wannamethee, S.G., Weerasekera, D., Whincup, P.H., Widhalm, K., Wiecek, A., Wijga, A.H., Wilks, R.J., Willeit, J., Wilsgaard, T., Wojtyniak, B., Wong, T.Y., Woo, J., Woodward, M., Wu, F.C., Wu, S.L., Xu, H., Yan, W., Yang, X., Ye, X., Yoshihara, A., Younger-Coleman, N.O., Zambon, S., Zargar, A.H., Zdrojewski, T., Zhao, W., Zheng, Y., Cisneros, J.Z., NCD Risk Factor Collaboration (NCD-RisC)

Worldwide trends in diabetes since 1980: A pooled analysis of 751 population-based studies with 4.4 million participants

(2016) *The Lancet*, 387 (10027), . Cited 755 times.

Funding details

Wellcome Trust

ME reports a charitable grant from Youth Health Programme of AstraZeneca, outside the submitted work. JAR reports personal fees from Tres Montes Lucchetti and grants from Danone Mexico, outside the submitted work. All other members of the Pooled Analysis and Writing Group declare no competing interests.

Di Cesare, M., Bentham, J., Stevens, G.A., Zhou, B., Danaei, G., Lu, Y., Bixby, H., Cowan, M.J., Riley, L.M., Hajifathalian, K., Fortunato, L., Taddei, C., Bennett, J.E., Ikeda, N., Khang, Y.-H., Kyobutungi, C., Laxmaiah, A., Li, Y., Lin, H.-H., Miranda, J.J., Mostafa, A., Turley, M.L., Paciorek, C.J., Gunter, M., Ezzati, M., Abdeen, Z.A., Hamid, Z.A., Abu-Rmeileh, N.M., Acosta-Cazares, B., Adams, R., Aekplakorn, W., Aguilar-Salinas, C.A., Ahmadvand, A., Ahrens, W., Ali, M.M., Alkerwi, A., Alvarez-Pedrerol, M., Aly, E., Amouyel, P., Amuzu, A., Andersen, L.B., Anderssen, S.A., Andrade, D.S., Anjana, R.M., Aounallah-Skhiri, H., Arias, I., Aris, T., Arlappa, N., Arveiler, D., Assah, F.K., Avdicová, M., Azizi, F., Babu, B.V., Balakrishna, N., Bandosz, P., Banegas, J.R., Barbagallo, C.M., Barceló, A., Barkat, A., Barros, M.V., Bata, I., Batieha, A.M., Batista, R.L., Baur, L.A., Beaglehole, R., Romdhane, H.B., Benet, M., Bernabe-Ortiz, A., Bernotiene, G., Bettoli, H., Bhagyalaxmi, A., Bharadwaj, S., Bhargava, S.K., Bhatti, Z., Bhutta, Z.A., Bi, H., Bi, Y., Bjerregaard, P., Bjertness, E., Bjertness, M.B., Björkelund, C., Blake, M., Blokstra, A., Bo, S., Bobak, M., Boddy, L.M., Boehm, B.O., Boeing, H., Boissonnet, C.P., Bongard, V., Bovet, P., Braeckman, L., Bragt, M.C.E., Brajkovich, I., Branca, F., Breckenkamp, J., Brenner, H., Brewster, L.M., Brian, G.R., Bruno, G., Bueno-De-Mesquita, H.B., Bugge, A., Burns, C., De León, A.C., Cacciottolo, J., Cama, T., Cameron, C., Camolas, J., Can, G., Cândido, A.P.C., Capuano, V., Cardoso, V.C., Carvalho, M.J., Casanueva, F.F., Casas, J.-P., Caserta, C.A., Castetbon, K., Chamukuttan, S., Chan, A.W., Chan, Q., Chaturvedi, H.K., Chaturvedi, N., Chen, C.-J., Chen, F., Chen, H., Chen, S., Chen, Z., Cheng, C.-Y., Chetrit, A., Chiolero, A., Chiou, S.-T., Chirita-Emandi, A., Cho, Y., Christensen, K., Chudek, J., Cifkova, R., Claessens, F., Clays, E., Concin, H., Cooper, C., Cooper, R., Coppinger, T.C., Costanzo, S., Cottel, D., Cowell, C., Craig, C.L., Crujeiras, A.B., D'Arrigo, G., D'Orsi, E., Dallongeville, J., Damasceno, A., Damsgaard, C.T., Dankner, R., Dauchet, L., De Backer, G., De Bacquer, D., De Gaetano, G., De Henauw, S., De Smedt, D., Deepa, M., Deev, A.D., Dehghan, A., Delisle, H., Delpeuch, F., Dhana, K., Di Castelnuovo, A.F., Dias-Da-Costa, J.S., Diaz, A., Djalalinia, S., Do, H.T.P., Dobson, A.J., Donfrancesco, C., Döring, A., Doua, K., Drygas, W., Egbagbe, E.E., Eggertsen, R., Ekelund, U., El Ati, J., Elliott, P., Engle-Stone, R., Erasmus, R.T., Erem, C., Eriksen, L.,

De La Peña, J.E., Evans, A., Faeh, D., Fall, C.H., Farzadfar, F., Felix-Redondo, F.J., Ferguson, T.S., Fernández-Bergés, D., Ferrante, D., Ferrari, M., Ferreccio, C., Ferrieres, J., Finn, J.D., Fischer, K., Flores, E.M., Föger, B., Foo, L.H., Forslund, A.-S., Fortmann, S.P., Fouad, H.M., Francis, D.K., Do Carmo Franco, M., Franco, O.H., Frontera, G., Fuchs, F.D., Fuchs, S.C., Fujita, Y., Furusawa, T., Gaciong, Z., Gafencu, M., Gareta, D., Garnett, S.P., Gaspoz, J.-M., Gasull, M., Gates, L., Geleijnse, J.M., Ghasemian, A., Giampaoli, S., Gianfagna, F., Giovannelli, J., Giwereman, A., Goldsmith, R.A., Gross, M.G., Rivas, J.P.G., Gorbea, M.B., Gottrand, F., Graff-Iversen, S., Grafnetter, D., Grajda, A., Grammatikopoulou, M.G., Gregor, R.D., Grodzicki, T., Grøntved, A., Gruden, G., Grujic, V., Gu, D., Guan, O.P., Gudnason, V., Guerrero, R., Guessous, I., Guimaraes, A.L., Gulliford, M.C., Gunnlaugsdottir, J., Guo, X.H., Guo, Y., Gupta, P.C., Gureje, O., Gurzkowska, B., Gutierrez, L., Gutzwiler, F., Halkjær, J., Hardy, R., Kumar, R.H., Hayes, A.J., He, J., Hendriks, M.E., Cadena, L.H., Heshmat, R., Hihtaniemi, I.T., Ho, S.Y., Ho, S.C., Hobbs, M., Hofman, A., Hormiga, C.M., Horta, B.L., Houti, L., Htay, T.T., Htet, A.S., Htike, M.M.T., Hu, Y., Hussieni, A.S., Huu, C.N., Huybrechts, I., Hwalla, N., Iacoviello, L., Iannone, A.G., Ibrahim, M.M., Ikram, M.A., Irazola, V.E., Islam, M., Iwasaki, M., Jackson, R.T., Jacobs, J.M., Jafar, T., Jamil, K.M., Jamrozik, K., Jasienka, G., Jiang, C.Q., Joffres, M., Johansson, M., Jonas, J.B., Jørgensen, T., Joshi, P., Juolevi, A., Jurak, G., Jureša, V., Kaaks, R., Kafatos, A., Kalter-Leibovici, O., Kapantais, E., Kasaeian, A., Katz, J., Kaur, P., Kavousi, M., Keil, U., Boker, L.K., Kelishadi, R., Kemper, H.H.C.G., Kengne, A.P., Kersting, M., Key, T., Khader, Y.S., Khalili, D., Khaw, K.-T.H., Khouw, I.M.S.L., Kiechl, S., Killewo, J., Kim, J., Kiyohara, Y., Klimont, J., Kolle, E., Kolsteren, P., Korrovits, P., Koskinen, S., Kouda, K., Koziel, S., Kratzer, W., Krokstad, S., Kromhout, D., Kruger, H.S., Kula, K., Kulaga, Z., Kumar, R.K., Kusuma, Y.S., Kuulasmaa, K., Laamiri, F.Z., Laatikainen, T., Lachat, C., Laid, Y., Lam, T.H., Landrove, O., Lanska, V., Lappas, G., Laugsand, L.E., Le Nguyen Bao, K., Le, T.D., Leclercq, C., Lee, J., Lee, J., Lehtimäki, T., Rampal, L., León-Munoz, L.M., Lim, W.-Y., Lima-Costa, M.F., Lin, X., Linneberg, A., Lissner, L., Litwin, M., Liu, J., Lorbeer, R., Lotufo, P.A., Lozano, J.E., Luksiene, D., Lundqvist, A., Lunet, N., Lytsy, P., Ma, G., Machi, S., Maggi, S., Magliano, D.J., Makdisse, M., Malekzadeh, R., Malhotra, R., Rao, K.M., Manios, Y., Mann, J.I., Manzato, E., Margozzini, P., Markey, O., Marques-Vidal, P., Marrugat, J., Martin-Prevel, Y., Martorell, R., Masoodi, S.R., Matsha, T.E., Mazur, A., Mbanya, J.C.N., McFarlane, S.R., McGarvey, S.T., McKee, M., McLachlan, S., McLean, R.M., McNulty, B.A., Md Yusof, S., Mediene-Benchekor, S., Meirhaeghe, A., Meisinger, C., Mendes, L.L., Menezes, A.M.B., Mensink, G.B.M., Meshram, I.I., Metspalu, A., Mi, J., Michaelsen, K.F., Mikkel, K., Miller, J.C., Miquel, J.F., Mišigoj-Duraković, M., Mohamed, M.K., Mohammad, K., Mohammadifard, N., Mohan, V., Yusoff, M.F.M., Molbo, D., Møller, N.C., Molnár, D., Mondo, C.K., Monterrubio, E.A., Monyeki, K.D.K., Moreira, L.B., Morejon, A., Moreno, L.A., Morgan, K., Mortensen, E.L., Moschonis, G., Mossakowska, M., Mota, J., Motlagh, M.E., Motta, J., Mu, T.T., Muiesan, M.L., Müller-Nurasyid, M., Murphy, N., Mursu, J., Murtagh, E.M., Musa, K.I., Musil, V., Nagel, G., Nakamura, H., Námešná, J., Nang, E.E.K., Nangia, V.B., Nankap, M., Narake, S., Navarrete-Muñoz, E.M., Nenko, I., Neovius, M., Nervi, F., Neuhauser, H.K., Nguyen, N.D., Nguyen, Q.N., Nieto-Martínez, R.E., Ning, G., Ninomiya, T., Nishtar, S., Noale, M., Norat, T., Noto, D., Al Nsour, M., O'Reilly, D., Ochoa-Avilés, A.M., Oh, K., Olayan, I.H., Olinto, M.T.A., Oltarzewski, M., Omar, M.A., Onat, A., Ordunez, P., Ortiz, A.P., Osler, M., Osmond, C., Ostojic, S.M., Otero, J.A., Overvad, K., Paccaud, F.M., Padez, C., Pajak, A., Palli, D., Palloni, A., Palmieri, L., Panda-Jonas, S., Panza, F., Parnell, W.R., Parsaeian, M., Pednekar, M.S., Peeters, P.H., Peixoto, S.V., Pereira, A.C., Pérez, C.M., Peters, A., Peykari, N., Pham, S.T., Pigeot, I., Pikhart, H., Pilav, A., Pilotto, L., Pistelli, F., Pitakaka, F., Piwonska, A., Piwonski, J., Plans-Rubió, P., Poh, B.K., Porta, M., Portegies, M.L.P., Poulimeneas, D., Pradeepa, R., Prashant, M., Price, J.F., Puiu, M., Punab, M., Qasrawi, R.F., Qorbani, M., Bao, T.Q., Radic, I., Radisauskas, R., Rahman, M., Raitakari, O., Raj, M., Rao, S.R., Ramachandran, A., Ramke, J., Ramos, R., Rampal, S., Rasmussen, F., Redon, J., Reganit, P.F.M., Ribeiro, R., Riboli, E., Rigo, F., De Wit, T.F.R., Ritti-Dias, R.M., Rivera, J.A., Robinson, S.M., Robitaille, C., Rodríguez-Artalejo, F., Del Cristo Rodriguez-Perez, M., Rodríguez-Villamizar, L.A., Rojas-Martinez, R., Rojroongwasinkul, N., Romaguera, D., Ronkainen, K., Rosengren, A., Rouse, I., Rubinstein, A., Rühli, F.J., Rui, O., Ruiz-

Betancourt, B.S., Horimoto, A.R.V.R., Rutkowski, M., Sabanayagam, C., Sachdev, H.S., Saidi, O., Salanave, B., Martinez, E.S., Salomaa, V., Salonen, J.T., Salvetti, M., Sánchez-Abanto, J., Sandjaja, Sans, S., Santos, D.A., Santos, O., Dos Santos, R.N., Santos, R., Sardinha, L.B., Sarrafzadegan, N., Saum, K.-U., Savva, S.C., Scauzufca, M., Rosario, A.S., Schargrodska, H., Schienkiewitz, A., Schmidt, I.M., Schneider, I.J., Schultsz, C., Schutte, A.E., Sein, A.A., Sen, A., Senbanjo, I.O., Sepanlou, S.G., Shalnova, S.A., Shaw, J.E., Shibuya, K., Shin, Y., Shiri, R., Siantar, R., Sibai, A.M., Silva, A.M., Silva, D.A.S., Simon, M., Simons, J., Simons, L.A., Sjostrom, M., Slowikowska-Hilczer, J., Slusarczyk, P., Smeeth, L., Smith, M.C., Snijder, M.B., So, H.-K., Sobngwi, E., Söderberg, S., Soekatri, M.Y.E., Solfrizzi, V., Sonestedt, E., Sørensen, T.I.A., Sorić, M., Jérôme, C.S., Soumare, A., Staessen, J.A., Starc, G., Stathopoulou, M.G., Staub, K., Stavreski, B., Steene-Johannessen, J., Stehle, P., Stein, A.D., Stergiou, G.S., Stessman, J., Steiber, J., Stöckl, D., Stocks, T., Stokwiszewski, J., Stratton, G., Strufaldi, M.W., Sun, C.-A., Sundström, J., Sung, Y.-T., Sunyer, J., Suriyawongpaisal, P., Swinburn, B.A., Sy, R.G., Szponar, L., Tai, E.S., Tammesoo, M.-L., Tamosiunas, A., Tang, L., Tang, X., Tanser, F., Tao, Y., Tarawneh, M., Tarp, J., Tarqui-Mamani, C.B., Taylor, A., Tchibindat, F., Thijssen, L., Thuesen, B.H., Tjonneland, A., Tolonen, H.K., Tolstrup, J.S., Topbas, M., Topór-Madry, R., Torrent, M., Traissac, P., Trichopoulou, A., Trichopoulos, D., Trinh, O.T.H., Trivedi, A., Tshepo, L., Tulloch-Reid, M.K., Tuomainen, T.-P., Tuomilehto, J., Tynelius, P., Tzotzas, T., Tzourio, C., Ueda, P., Ukoli, F.A.M., Ulmer, H., Unal, B., Valdivia, G., Vale, S., Valvi, D., Van Der Schouw, Y.T., Van Herck, K., Van Minh, H., Van Valkengoed, I.G.M., Vanderschueren, D., Vanuzzo, D., Vatten, L., Vega, T., Velasquez-Melendez, G., Veronesi, G., Monique Verschuren, W.M., Viegi, G., Viet, L., Viikari-Juntura, E., Vineis, P., Vioque, J., Virtanen, J.K., Visvikis-Siest, S., Viswanathan, B., Vollenweider, P., Voutilainen, S., Vrijheid, M., Wade, A.N., Wagner, A., Walton, J., Mohamud, W.N.W., Wang, M.-D., Wang, Q., Wang, Y.X., Wannamethee, S.G., Wareham, N., Weerasekera, D., Whincup, P.H., Widhalm, K., Widyahening, I.S., Wiecek, A., Wilks, R.J., Willeit, J., Wojtyniak, B., Wong, J.E., Wong, T.Y., Woo, J., Woodward, M., Wu, F.C., Wu, J., Wu, S.L., Xu, H., Xu, L., Yamborisut, U., Yan, W., Yang, X., Yardim, N., Ye, X., Yiallouros, P.K., Yoshihara, A., You, Q.S., Younger-Coleman, N.O., Yusoff, A.F., Zainuddin, A.A., Zambon, S., Zdrojewski, T., Zeng, Y., Zhao, D., Zhao, W., Zheng, Y., Zhou, M., Zhu, D., Zimmermann, E., Cisneros, J.Z., NCD Risk Factor Collaboration (NCD-RisC)

Trends in adult body-mass index in 200 countries from 1975 to 2014: A pooled analysis of 1698 population-based measurement studies with 19.2 million participants

(2016) *The Lancet*, 387 (10026), pp. 1377-1396. Cited 2239 times.

Funding details

Horizon 2020 Framework Programme

Medical Research Council

Japan Society for the Promotion of Science

Almatouq, A., Babatunde, A.O.

Mechanisms and influencing factors

(2016) *International Journal of Environmental Research and Public Health*, 13 (4), art. no. 375, . Cited 20 times.

Alkhamis, M.A., VanderWaal, K.

Spatial and temporal epidemiology of lumpy skin disease in the Middle East, 2012-2015

(2016) *Frontiers in Veterinary Science*, 3 (MAR), art. no. 19, . Cited 29 times.

Al-Ali, E., Al-Hashash, H., Ben Heji, A., Al-Aqeel, H.

First report of Tomato yellow leaf curl virus infecting cucumber in Kuwait

(2016) *Plant Disease*, 100 (3), p. 656. Cited 2 times.

Alkhamis, M.A., Perez, A.M., Murtaugh, M.P., Wang, X., Morrison, R.B.

Applications of Bayesian phylodynamic methods in a recent U.S. porcine reproductive and respiratory syndrome virus outbreak

(2016) *Frontiers in Microbiology*, 7 (FEB), art. no. 67, . Cited 30 times.

Zhang, F.F., Al Hooti, S., Al Zenki, S., Alomirah, H., Jamil, K.M., Rao, A., Al Jahmah, N., Saltzman, E., Ausman, L.M.

Vitamin D deficiency is associated with high prevalence of diabetes in Kuwaiti adults: Results from a national survey Chronic Disease epidemiology

(2016) *BMC Public Health*, 16 (1), art. no. 100, . Cited 32 times.

Funding details

Kuwait Foundation for the Advancement of Sciences

Wang, W., Asimakopoulos, A.G., Abualnaja, K.O., Covaci, A., Gevao, B., Johnson-Restrepo, B., Kumosani, T.A., Malarvannan, G., Minh, T.B., Moon, H.-B., Nakata, H., Sinha, R.K., Kannan, K.

Synthetic Phenolic Antioxidants and Their Metabolites in Indoor Dust from Homes and Microenvironments

(2016) *Environmental Science and Technology*, 50 (1), pp. 428-434. Cited 48 times.

Funding details

Centers for Disease Control and Prevention

Departamento Administrativo de Ciencia, Tecnología e Innovación (COLCIENCIAS)

Japan Society for the Promotion of Science

Al-Salem, S.M., Al-Dousari, N.M., Joseph Abraham, G., D'souza, M.A., Al-Qabandi, O.A., Al-Zakri, W.

Effect of Die Head Temperature at Compounding Stage on the Degradation of Linear Low Density Polyethylene/Plastic Film Waste Blends after Accelerated Weathering

(2016) *International Journal of Polymer Science*, 2016, art. no. 5147209, . Cited 13 times.

Wang, Q., Afshin, A., Yakoob, M.Y., Singh, G.M., Rehm, C.D., Khatibzadeh, S., Micha, R., Shi, P., Mozaffarian, D., Ezzati, M., Fahimi, S., Wirojratana, P., Powles, J., Elmadfa, I., Rao, M., Alpert, W., Lim, S.S., Engell, R.E., Andrews, K.G., Abbott, P.A., Abdollahi, M., Abeyá Gilardon, E.O., Ahsan, H., Al Nsour, M.A.A., Al-Hooti, S.N., Arambepola, C., Fernando, D.N., Barennes, H., Barquera, S., Baylin, A., Becker, W., Bjerregaard, P., Bourne, L.T., Capanzana, M.V., Castetbon, K., Chang, H.-Y., Chen, Y., Cowan, M.J., Riley, L.M., De Henauw, S., Ding, E.L., Duante, C.A., Duran, P., Barbieri, H.E., Farzadfar, F., Hadziomeragic, A.F., Fisberg, R.M., Forsyth, S., Garriguet, D., Gaspoz, J.-M., Gauci, D., Calleja, N., Ginnela, B.N.V., Guessous, I., Gulliford, M.C., Hadden, W., Haerpfer, C., Hoffman, D.J., Houshiar-Rad, A., Huybrechts, I., Hwalla, N.C., Ibrahim, H.M., Inoue, M., Jackson, M.D., Johansson, L., Keinan-Boker, L., Kim, C.-I., Koksal, E., Lee, H.-J., Li, Y., Lipoeto, N.I., Ma, G., Mangialavori, G.L., Matsumura, Y., McGarvey, S.T., Fen, C.M., Monge-Rojas, R.A., Musaiger, A.O., Nagalla, B., Naska, A., Ocke, M.C., Oltarzewski, M., Szponar, L., Orfanos, P., Ovaskainen, M.-L., Tapanainen, H., Pan, W.-H., Panagiotakos, D.B., Pekcan, G.A., Petrova, S., Piaseu, N., Pitsavos, C., Posada, L.G., Sánchez-Romero, L.M., Selamat, R.B.T., Sharma, S., Sibai, A.M., Sichieri, R., Simmala, C., Steingrimsdóttir, L., Swan, G., Sygnowska, E.H., Templeton, R., Thanopoulou, A., Thorgeirsdóttir, H., Thorsdóttir, I., Trichopoulou, A., Tsugane, S., Turrini, A., Vaask, S., van Oosterhout, C., Veerman, J.L., Verena, N., Waskiewicz, A., Zaghloul, S., Zajkás, G.

Impact of nonoptimal intakes of saturated, polyunsaturated, and trans fat on global burdens of coronary heart disease

(2016) *Journal of the American Heart Association*, 5 (1), art. no. e002891, . Cited 58 times.

Funding details

National Institutes of Health

National Heart, Lung, and Blood Institute

Bill and Melinda Gates Foundation

Hameed, H.A., Saburova, M., Chomérat, N.

Taxonomic characterization of a brackish water, bloom-forming Peridiniopsis species (Peridiniales, Dinophyceae) from Iraq

(2016) *Marine Biodiversity Records*, 9 (1), art. no. 40, . Cited 1 time.

Ali, N.

Assessment of using 99MO and 99MTC isotopes in Kuwait medical sector

(2016) *Health Physics*, 110 (4), pp. 387-390. Cited 1 time.

Funding details

Ministry of Health -Singapore

International Atomic Energy Agency

Kuwait Institute for Scientific Research

Publications 2017

Ahmed, J., Al-Attar, H.

Structural properties of high-pressure-treated chestnut flour dispersions

(2017) *International Journal of Food Properties*, 20, pp. S766-S778. Cited 6 times.

Funding details

Kuwait Institute for Scientific Research

The authors acknowledge the financial support from the Kuwait Institute for Scientific Research (FB 098K).

Bentham, J., Di Cesare, M., Bilano, V., Bixby, H., Zhou, B., Stevens, G.A., Riley, L.M., Taddei, C., Hajifathalian, K., Lu, Y., Savin, S., Cowan, M.J., Paciorek, C.J., Chirita-Emandi, A., Hayes, A.J., Katz, J., Kelishadi, R., Kengne, A.P., Khang, Y.-H., Laxmaiah, A., Li, Y., Ma, J., Miranda, J.J., Mostafa, A., Neovius, M., Padez, C., Rampal, L., Zhu, A., Bennett, J.E., Danaei, G., Bhutta, Z.A., Ezzati, M., Abarca-Gómez, L., Abdeen, Z.A., Hamid, Z.A., Abu-Rmeileh, N.M., Acosta-Cazares, B., Acuin, C., Adams, R.J., Aekplakorn, W., Afsana, K., Aguilar-Salinas, C.A., Agyemang, C., Ahmadvand, A., Ahrens, W., Ajlouni, K., Akhtaeva, N., Al-Hazzaa, H.M., Al-Othman, A.R., Al-Raddadi, R., Albuhairan, F., Aldhukair, S., Ali, M.M., Ali, O., Alkerwi, A., Alvarez-Pedrerol, M., Aly, E., Amarapurkar, D.N., Amouyel, P., Amuzu, A., Andersen, L.B., Anderssen, S.A., Andrade, D.S., Ängquist, L.H., Anjana, R.M., Aounallah-Skhiri, H., Araújo, J., Ariansen, I., Aris, T., Arlappa, N., Arveiler, D., Aryal, K.K., Aspelund, T., Assah, F.K., Assunção, M.C.F., Aung, M.S., Avdicová, M., Azevedo, A., Azizi, F., Babu, B.V., Bahijri, S., Baker, J.L., Balakrishna, N., Bamoshmoosh, M., Banach, M., Bandosz, P., Banegas, J.R., Barbagallo, C.M., Barceló, A., Barkat, A., Barros, A.J.D., Barros, M.V.G., Bata, I., Batieha, A.M., Batista, R.L., Batyrbek, A., Baur, L.A., Beaglehole, R., Romdhane, H.B., Benedics, J., Benet, M., Bernabe-Ortiz, A., Bernotiene, G., Bettioli, H., Bhagyalaxmi, A., Bharadwaj, S., Bhargava, S.K., Bhatti, Z., Bi, H., Bi, Y., Biehl, A., Bikbov, M., Bista, B., Bjelica, D.J., Bjerregaard, P., Bjertness, E., Bjertness, M.B., Björkelund, C., Blokstra, A., Bo, S., Bobak, M., Boddy, L.M., Boehm, B.O., Boeing, H., Boggia, J.G., Boissonnet, C.P.,

Bonaccio, M., Bongard, V., Bovet, P., Braeckeveldt, L., Braeckman, L., Bragt, M.C.E., Brajkovich, I., Branca, F., Breckenkamp, J., Breda, J., Brenner, H., Brewster, L.M., Brian, G.R., Brinduse, L., Bruno, G., Bueno-De-mesquita, H.B., Bugge, A., Buoncristiano, M., Burazeri, G., Burns, C., de León, A.C., Cacciottolo, J., Cai, H., Cama, T., Cameron, C., Camolas, J., Can, G., Cândido, A.P.C., Capanzana, M., Capuano, V., Cardoso, V.C., Carlsson, A.C., Carvalho, M.J., Casanueva, F.F., Casas, J.-P., Caserta, C.A., Chamukuttan, S., Chan, A.W., Chan, Q., Chaturvedi, H.K., Chaturvedi, N., Chen, C.-J., Chen, F., Chen, H., Chen, S., Chen, Z., Cheng, C.-Y., Chetrit, A., Chikova-Iszener, E., Chiolero, A., Chiou, S.-T., Chirlaque, M.-D., Cho, B., Cho, Y., Christensen, K., Christofaro, D.G., Chudek, J., Cifkova, R., Cinteza, E., Claessens, F., Clays, E., Concin, H., Confortin, S.C., Cooper, C., Cooper, R., Coppinger, T.C., Costanzo, S., Cottel, D., Cowell, C., Craig, C.L., Crujeiras, A.B., Cucu, A., D'arrigo, G., D'orsi, E., Dallongeville, J., Damasceno, A., Damsgaard, C.T., Dankner, R., Dantoft, T.M., Dastgiri, S., Dauchet, L., Davletov, K., De Backer, G., De Bacquer, D., De Curtis, A., de Gaetano, G., De Henauw, S., de Oliveira, P.D., De Ridder, K., De Smedt, D., Deepa, M., Deev, A.D., Dehghan, A., Delisle, H., Delpeuch, F., Deschamps, V., Dhana, K., Di Castelnuovo, A.F., Dias-Da-costa, J.S., Diaz, A., Dika, Z., Djalalinia, S., Do, H.T.P., Dobson, A.J., Donati, M.B., Donfrancesco, C., Donoso, S.P., Döring, A., Dorobantu, M., Dorosty, A.R., Doua, K., Drygas, W., Duan, J.L., Duante, C., Duleva, V., Dulskiene, V., Dzerve, V., Dziankowska-Zaborszczyk, E., Egbagbe, E.E., Eggertsen, R., Eiben, G., Ekelund, U., El Ati, J., Elliott, P., Engle-Stone, R., Erasmus, R.T., Erem, C., Eriksen, L., Eriksson, J.G., la Peña, J.E., Evans, A., Faeh, D., Fall, C.H., Sant'angelo, V.F., Farzadfar, F., Felix-Redondo, F.J., Ferguson, T.S., Fernandes, R.A., Fernández-Bergés, D., Ferrante, D., Ferrari, M., Ferreccio, C., Ferrieres, J., Finn, J.D., Fischer, K., Flores, E.M., Föger, B., Foo, L.H., Forslund, A.-S., Forsner, M., Fouad, H.M., Francis, D.K., Franco, M.D.C., Franco, O.H., Frontera, G., Fuchs, F.D., Fuchs, S.C., Fujita, Y., Furusawa, T., Gacióng, Z., Gafencu, M., Galeone, D., Galvano, F., Garcia-De-la-hera, M., Gareta, D., Garnett, S.P., Gaspoz, J.-M., Gasull, M., Gates, L., Geiger, H., Geleijnse, J.M., Ghasemian, A., Giampaoli, S., Gianfagna, F., Gill, T.K., Giovannelli, J., Giwercman, A., Godos, J., Gogen, S., Goldsmith, R.A., Goltzman, D., Gonçalves, H., González-Leon, M., González-Rivas, J.P., Gonzalez-Gross, M., Gottrand, F., Graça, A.P., Graff-Iversen, S., Grafnetter, D., Grajda, A., Grammatikopoulou, M.G., Gregor, R.D., Grodzicki, T., Grøntved, A., Gross, G., Gruden, G., Grujic, V., Gu, D., Gualdi-Russo, E., Guallar-Castillón, P., Guan, O.P., Gudmundsson, E.F., Gudnason, V., Guerrero, R., Guessous, I., Guimaraes, A.L., Gulliford, M.C., Gunnlaugsdottir, J., Gunter, M., Guo, X., Guo, Y., Gupta, P.C., Gupta, R., Gureje, O., Gurzkowska, B., Gutierrez, L., Gutzwiller, F., Hadaegh, F., Hadjigeorgiou, C.A., Si-Ramlee, K., Halkjær, J., Hambleton, I.R., Hardy, R., Kumar, R.H., Hassapidou, M., Hata, J., He, J., Heidinger-Felso, R., Heinen, M., Hendriks, M.E., Henriques, A., Cadena, L.H., Herrala, S., Herrera, V.M., Herter-Aeberli, I., Heshmat, R., Hihtaniemi, I.T., Ho, S.Y., Ho, S.C., Hobbs, M., Hofman, A., Hopman, W.M., Horimoto, A.R.V.R., Hormiga, C.M., Horta, B.L., Houti, L., Howitt, C., Htay, T.T., Htet, A.S., Htike, M.M.T., Hu, Y., Huerta, J.M., Petrescu, C.H., Huisman, M., Husseini, A., Huu, C.N., Huybrechts, I., Hwalla, N., Hyska, J., Iacoviello, L., Iannone, A.G., Ibarluzea, J.M., Ibrahim, M.M., Ikeda, N., Ikram, M.A., Irazola, V.E., Islam, M., Ismail, A.A.-S., Ivkovic, V., Iwasaki, M., Jackson, R.T., Jacobs, J.M., Jaddou, H., Jafar, T., Jamil, K.M., Jamrozik, K., Janszky, I., Jarani, J., Jasienska, G., Jelaković, A., Jelaković, B., Jennings, G., Jeong, S.-L., Jiang, C.Q., Jiménez-Acosta, S.M., Joffres, M., Johansson, M., Jonas, J.B., Jørgensen, T., Joshi, P., Jovic, D.P., Józwiak, J., Juolevi, A., Jurak, G., Jureša, V., Kaaks, R., Kafatos, A., Kajantie, E.O., Kalter-Leibovici, O., Kamaruddin, N.A., Kapantais, E., Karki, K.B., Kasaeian, A., Kauhanen, J., Kaur, P., Kavousi, M., Kazakbaeva, G., Keil, U., Boker, L.K., Keinänen-Kiukaanniemi, S., Kelleher, C., Kemper, H.C.G., Kerimkulova, A., Kersting, M., Key, T., Khader, Y.S., Khalili, D., Khateeb, M., Khaw, K.-T., Khouw, I.M.S.L., Kiechl-Kohlendorfer, U., Kiechl, S., Killewo, J., Kim, J., Kim, Y.-Y., Klimont, J., Klumbiene, J., Knoflach, M., Koirala, B., Kolle, E., Kolsteren, P., Korrovits, P., Kos, J., Koskinen, S., Kouda, K., Kovacs, V.A., Kowlessur, S., Koziel, S., Kratzer, W., Kriemler, S., Kristensen, P.L., Krokstad, S., Kromhout, D., Kruger, H.S., Kubanova, R., Kuciene, R., Kuh, D., Kujala, U.M., Kulaga, Z., Kumar, R.K., Kunešová, M., Kurjata, P., Kusuma, Y.S., Kuulasmaa, K., Kyobutungi, C., La, Q.N., Laamiri, F.Z., Laatikainen, T., Lachat, C., Laid, Y., Lam, T.H., Landrove, O., Lanska, V., Lappas, G.,

Larijani, B., Laugsand, L.E., Lauria, L., Bao, K.L.N., Le, T.D., Lebanan, M.A.O., Leclercq, C., Lee, J., Lee, J., Lehtimäki, T., León-Muñoz, L.M., Levitt, N.S., Lilly, C.L., Lim, W.-Y., Lima-Costa, M.F., Lin, H.-H., Lin, X., Lind, L., Linneberg, A., Lissner, L., Litwin, M., Liu, J., Loit, H.-M., Lopes, L., Lorbeer, R., Lotufo, P.A., Lozano, J.E., Luksiene, D., Lundqvist, A., Lunet, N., Lytsy, P., Ma, G., Machado-Coelho, G.L.L., Machado-Rodrigues, A.M., Machi, S., Maggi, S., Magliano, D.J., Magriplis, E., Mahaleetchumy, A., Maire, B., Majer, M., Makdisse, M., Malekzadeh, R., Malhotra, R., Rao, K.M., Malyutina, S., Manios, Y., Mann, J.I., Manzato, E., Margozzini, P., Markaki, A., Markey, O., Marques, L.P., Marques-Vidal, P., Marrugat, J., Martin-Prevel, Y., Martin, R., Martorell, R., Martos, E., Marventano, S., Masoodi, S.R., Mathiesen, E.B., Matijasevich, A., Matsha, T.E., Mazur, A., Mbanya, J.C.N., McFarlane, S.R., McGarvey, S.T., McKee, M., McLachlan, S., McLean, R.M., McLean, S.B., McNulty, B.A., Yusof, S.M., Mediene-Benchekor, S., Medzioniene, J., Meirhaeghe, A., Meisfjord, J., Meisinger, C., Menezes, A.M.B., Menon, G.R., Mensink, G.B.M., Meshram, I.I., Metspalu, A., Meyer, H.E., Mi, J., Michaelsen, K.F., Michels, N., Mikkel, K., Miller, J.C., Minderico, C.S., Miquel, J.F., Mirkopoulou, D., Mirrakhimov, E., Mišigoj-Durakovic, M., Mistretta, A., Mocanu, V., Modesti, P.A., Mohamed, M.K., Mohammad, K., Mohammadifard, N., Mohan, V., Mohanna, S., Yusoff, M.F.M., Molbo, D., Møllehave, L.T., Møller, N.C., Molnár, D., Momenan, A., Mondo, C.K., Monterrue, E.A., Monyeki, K.D.K., Moon, J.S., Moreira, L.B., Morejon, A., Moreno, L.A., Morgan, K., Mortensen, E.L., Moschonis, G., Mossakowska, M., Mota, J., Mota-Pinto, A., Motlagh, M.E., Motta, J., Mu, T.T., Muc, M., Muiesan, M.L., Müller-Nurasyid, M., Murphy, N., Mursu, J., Murtagh, E.M., Musil, V., Nabipour, I., Nagel, G., Naidu, B.M., Nakamura, H., Námešná, J., Nang, E.E.K., Nangia, V.B., Nankap, M., Narake, S., Nardone, P., Navarrete-Muñoz, E.M., Neal, W.A., Nenko, I., Nervi, F., Nguyen, C.T., Nguyen, N.D., Nguyen, Q.N., Nieto-Martínez, R.E., Ning, G., Ninomiya, T., Nishtar, S., Noale, M., Noboa, O.A., Norat, T., Norie, S., Noto, D., Nsour, M.A., O'reilly, D., Obreja, G., Oda, E., Oehlers, G., Oh, K., Ohara, K., Olafsson, Ö., Olinto, M.T.A., Oliveira, I.O., Oltarzewski, M., Omar, M.A., Onat, A., Ong, S.K., Ono, L.M., Ordunez, P., Ornelas, R., Ortiz, A.P., Osler, M., Osmond, C., Ostojic, S.M., Ostovar, A., Otero, J.A., Overvad, K., Owusu-Dabo, E., Paccaud, F.M., Pahomova, E., Pajak, A., Palli, D., Palloni, A., Palmieri, L., Pan, W.-H., Panda-Jonas, S., Pandey, A., Panza, F., Papandreou, D., Park, S.-W., Parnell, W.R., Parsaeian, M., Pascanu, I.M., Patel, N.D., Pećin, I., Pednekar, M.S., Peer, N., Peeters, P.H., Peixoto, S.V., Peltonen, M., Pereira, A.C., Perez-Farinos, N., Pérez, C.M., Peters, A., Petkeviciene, J., Petruskiene, A., Peykari, N., Pham, S.T., Pierannunzio, D., Pigeot, I., Pikhart, H., Pilav, A., Pilotto, L., Pistelli, F., Pitakaka, F., Piwonska, A., Plans-Rubió, P., Poh, B.K., Pohlbeln, H., Pop, R.M., Popovic, S.R., Porta, M., Portegies, M.L.P., Posch, G., Poulimeneas, D., Pouraram, H., Pourshams, A., Poustchi, H., Pradeepa, R., Prashant, M., Price, J.F., Puder, J.J., Pudule, I., Puiu, M., Punab, M., Qasrawi, R.F., Qorbani, M., Bao, T.Q., Radic, I., Radisauskas, R., Rahman, M., Rahman, M., Raitakari, O., Raj, M., Rao, S.R., Ramachandran, A., Ramke, J., Ramos, E., Ramos, R., Rampal, S., Rascon-Pacheco, R.A., Redon, J., Reganit, P.F.M., Ribas-Barba, L., Ribeiro, R., Riboli, E., Rigo, F., de Wit, T.F.R., Rito, A., Ritti-Dias, R.M., Rivera, J.A., Robinson, S.M., Robitaille, C., Rodrigues, D., Rodríguez-Artalejo, F., Rodriguez-Perez, M.C., Rodríguez-Villamizar, L.A., Rojas-Martinez, R., Rojroongwasinkul, N., Romaguera, D., Ronkainen, K., Rosengren, A., Rouse, I., Roy, J.G.R., Rubinstein, A., Rühli, F.J., Ruiz-Betancourt, B.S., Russo, P., Rutkowski, M., Sabanayagam, C., Sachdev, H.S., Saidi, O., Salanave, B., Martinez, E.S., Salmerón, D., Salomaa, V., Salonen, J.T., Salvetti, M., Sánchez-Abanto, J., Sandjaja, Sans, S., Marina, L.S., Santos, D.A., Santos, I.S., Santos, O., Dos Santos, R.N., Santos, R., Saramies, J.L., Sardinha, L.B., Sarrafzadegan, N., Saum, K.-U., Savva, S., Savy, M., Scauzufca, M., Rosario, A.S., Schargrodsky, H., Schienkiewitz, A., Schipf, S., Schmidt, C.O., Schmidt, I.M., Schultsz, C., Schutte, A.E., Sein, A.A., Sen, A., Senbanjo, I.O., Sepanlou, S.G., Serra-Majem, L., Shalnova, S.A., Sharma, S.K., Shaw, J.E., Shibuya, K., Shin, D.W., Shin, Y., Shiri, R., Siani, A., Siantar, R., Sibai, A.M., Silva, A.M., Silva, D.A.S., Simon, M., Simons, J., Simons, L.A., Sjöberg, A., Sjöström, M., Skovbjerg, S., Slowikowska-Hilczer, J., Slusarczyk, P., Smeeth, L., Smith, M.C., Snijder, M.B., So, H.-K., Sobngwi, E., Söderberg, S., Soekatri, M.Y.E., Solfrizzi, V., Sonestedt, E., Song, Y., Sørensen, T.I.A., Soric, M., Jérôme, C.S., Soumare, A., Spinelli, A., Spiroski, I., Staessen, J.A., Stamm, H., Starc, G., Stathopoulou,

M.G., Staub, K., Stavreski, B., Steene-Johannessen, J., Stehle, P., Stein, A.D., Stergiou, G.S., Stessman, J., Stieber, J., Stöckl, D., Stocks, T., Stokwiszewski, J., Stratton, G., Stronks, K., Strufaldi, M.W., Suárez-Medina, R., Sun, C.-A., Sundström, J., Sung, Y.-T., Sunyer, J., Suriyawongpaisal, P., Swinburn, B.A., Sy, R.G., Szponar, L., Tai, E.S., Tammesoo, M.-L., Tamosiunas, A., Tan, E.J., Tang, X., Tanser, F., Tao, Y., Tarawneh, M.R., Tarp, J., Tarqui-Mamani, C.B., Tautu, O.-F., Braunerová, R.T., Taylor, A., Tchibindat, F., Theobald, H., Theodoridis, X., Thijs, L., Thuesen, B.H., Tjønneland, A., Tolonen, H.K., Tolstrup, J.S., Topbas, M., Topór-Madry, R., Tormo, M.J., Tornaritis, M.J., Torrent, M., Toselli, S., Traissac, P., Trichopoulos, D., Trichopoulou, A., Trinh, O.T.H., Trivedi, A., Tshepo, L., Tsigga, M., Tsugane, S., Tulloch-Reid, M.K., Tullu, F., Tuomainen, T.-P., Tuomilehto, J., Turley, M.L., Tynelius, P., Tzotzas, T., Tzourio, C., Ueda, P., Ugel, E.E., Ukoli, F.A.M., Ulmer, H., Unal, B., Uusitalo, H.M.T., Valdivia, G., Vale, S., Valvi, D., van der Schouw, Y.T., Van Herck, K., Van Minh, H., van Rossem, L., Van Schoor, N.M., van Valkengoed, I.G.M., Vanderschueren, D., Vanuzzo, D., Vatten, L., Vega, T., Veidebaum, T., Velasquez-Melendez, G., Velika, B., Veronesi, G., Verschuren, W.M.M., Victora, C.G., Viegi, G., Viet, L., Viikari-Juntura, E., Vineis, P., Vioque, J., Virtanen, J.K., Visvikis-Siest, S., Viswanathan, B., Vlasoff, T., Vollenweider, P., Völzke, H., Voutilainen, S., Vrijheid, M., Wade, A.N., Wagner, A., Waldhör, T., Walton, J., Wan Bebakar, W.M., Wan Mohamud, W.N., Wanderley, R.S., Jr., Wang, M.-D., Wang, Q., Wang, Y.X., Wang, Y.-W., Wannamethee, S.G., Wareham, N., Weber, A., Wedderkopp, N., Weerasekera, D., Whincup, P.H., Widhalm, K., Widyahening, I.S., Wiecek, A., Wijga, A.H., Wilks, R.J., Willeit, J., Willeit, P., Wilsgaard, T., Wojtyniak, B., Wong-McClure, R.A., Wong, J.Y.Y., Wong, J.E., Wong, T.Y., Woo, J., Woodward, M., Wu, F.C., Wu, J., Wu, S., Xu, H., Xu, L., Yamborisut, U., Yan, W., Yang, X., Yardim, N., Ye, X., Yiallouros, P.K., Yngve, A., Yoshihara, A., You, Q.S., Younger-Coleman, N.O., Yusoff, F., Zaccagni, L., Zafiropulos, V., Zainuddin, A.A., Zambon, S., Zampelas, A., Zamrazilová, H., Zdrojewski, T., Zeng, Y., Zhao, D., Zhao, W., Zheng, W., Zheng, Y., Zholdin, B., Zhou, M., Zhu, D., Zhussupov, B., Zimmermann, E., Cisneros, J.Z., NCD Risk Factor Collaboration (NCD-RisC)

Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128·9 million children, adolescents, and adults

(2017) *The Lancet*, 390 (10113), pp. 2627-2642. Cited 2208 times.

Funding details

Prudential

Medical Research Council

Economic and Social Research Council

Japan Society for the Promotion of Science

Attia, Y.A., Al-Khalaifah, H., Ibrahim, M.S., Al-Hamid, A.E.A., Al-Harthi, M.A., El-Naggar, A.
Blood Hematological and Biochemical Constituents, Antioxidant Enzymes, Immunity and Lymphoid Organs of Broiler Chicks Supplemented with Propolis, Bee Pollen and Mannan Oligosaccharides Continuously or Intermittently

(2017) *Poultry Science*, 96 (12), pp. 4182-4192. Cited 23 times.

El-Eskandarany, M.S., Shaban, E., Aldakheel, F., Alkandary, A., Behbehani, M., Al-Saidi, M.
Synthetic nanocomposite MgH₂/5 wt. % TiMn₂ powders for solid-hydrogen storage tank integrated with PEM fuel cell

(2017) *Scientific Reports*, 7 (1), art. no. 13296, . Cited 18 times.

Funding details

Kuwait Foundation for the Advancement of Sciences

Kuwait Institute for Scientific Research

Al-Murad, M., Uddin, S., Rashid, T., Al-Qallaf, H., Bushehri, A.

Waterlogging in arid agriculture areas due to improper groundwater management-An example from Kuwait

(2017) *Sustainability (Switzerland)*, 9 (11), art. no. 2131, . Cited 1 time.

Ramadan, A.

Assessment of spatial variation of ambient volatile organic compound levels at a power station in Kuwait

(2017) *Journal of the Air and Waste Management Association*, 67 (11), pp. 1170-1179. Cited 8 times.

Rezki, N., Al-Sodies, S.A., Shreaz, S., Shiekh, R.A., Messali, M., Raja, V., Aouad, M.R.

Green ultrasound versus conventional synthesis and characterization of specific task pyridinium ionic liquid hydrazones tethering fluorinated counter anions: Novel inhibitors of fungal ergosterol biosynthesis

(2017) *Molecules*, 22 (11), art. no. 1532, . Cited 7 times.

Funding details

Kuwait Institute for Scientific Research

National University of Sciences and Technology

Department of Chemistry, Faculty of Sciences, Taibah University, P.O. Box 344, Al-Madinah Al-Munawarah 30002, Saudi Arabia; s71_88@hotmail.com (S.A.A.-

S.); rayeeschem@gmail.com (R.A.S.); aboutasnim@yahoo.fr (M.M.) Laboratoire de Chimie et Electrochimie des Complexes Métalliques (LCECM) USTO-MB, Department of Chemistry, Faculty of Sciences, University of Sciences and Technology Mohamed Boudiaf, P.O. Box 1505, El M'nouar, Oran 31000, Algeria Environment and Life Sciences Research Center, Kuwait Institute for Scientific Research, P.O. Box 24885, Safat 13109, Kuwait; shreazresearch@gmail.com Government Degree College Pulwama, University of Kashmir, Srinagar 192301, India Department of Applied Sciences & Humanities, Faculty of Engineering & Technology, Jamia Millia Islamia, Central University, New Delhi 110025, India; vaseemchem99@gmail.com Correspondence: nadjetrezki@yahoo.fr (N.R.); aouadmohamedreda@yahoo.fr (M.R.A.); Tel.: +966-53726-8682 (N.R.); +966-54095-3573 (M.R.A.)

Shalaby, H.M., Ravindranath, K., Tanoli, N., Al-Wakaa, B.

Failure of 321 stainless steel heater tube in heavy crude oil

(2017) *Case Studies in Engineering Failure Analysis*, 9, pp. 1-8. Cited 2 times.

Diaz, A., Marthaler, D., Culhane, M., Sreevatsan, S., Alkhamis, M., Torremorell, M.

Complete genome sequencing of influenza A viruses within swine farrow-to-wean farms reveals the emergence, persistence, and subsidence of diverse viral genotypes

(2017) *Journal of Virology*, 91 (18), art. no. e00745-17, . Cited 19 times.

Funding details

National Institutes of Health

U.S. Department of Health and Human Services

National Institute of Allergy and Infectious Diseases

This study was supported in whole or in part with federal funds from the NIH, National Institute of Allergy and Infectious Diseases, and the Department of Health and Human Services under contract no. HHSN266200700007C. The funders had no role in study design, data collection and analysis, decision to publish, or preparation of the manuscript.

Al-Dousari, A., Doronzo, D., Ahmed, M.

Types, indications and impact evaluation of sand and dust storms trajectories in the Arabian Gulf

(2017) *Sustainability (Switzerland)*, 9 (9), art. no. 1526, . Cited 44 times.

Funding details

Kuwait Foundation for the Advancement of Sciences
Kuwait Institute for Scientific Research

Ahmed, J., Mulla, M.Z., Arfat, Y.A.

Particle size, rheological and structural properties of whole wheat flour doughs as treated by high pressure

(2017) *International Journal of Food Properties*, 20 (8), pp. 1829-1842. Cited 10 times.

Mustafa, A.S., Habibi, N., Osman, A., Shaheed, F., Khan, M.W.

Species identification and molecular typing of human Brucella isolates from Kuwait

(2017) *PLoS ONE*, 12 (8), art. no. e0182111, . Cited 10 times.

Funding details

Kuwait University

Jallow, M.F.A., Awadh, D.G., Albaho, M.S., Devi, V.Y., Ahmad, N.

Monitoring of pesticide residues in commonly used fruits and vegetables in Kuwait

(2017) *International Journal of Environmental Research and Public Health*, 14 (8), art. no. 833, . Cited 77 times.

Funding details

Kuwait Institute for Scientific Research

This study was financed by the Kuwait Institute for Scientific Research (FA117K). The contribution of the farmers is gratefully acknowledged.

Soares, N., Reinhart, C.F., Hajiah, A.

Simulation-based analysis of the use of PCM-wallboards to reduce cooling energy demand and peak-loads in low-rise residential heavyweight buildings in Kuwait

(2017) *Building Simulation*, 10 (4), pp. 481-495. Cited 29 times.

Yusuf, Z., Wahab, N.A., Abusam, A.

Neural network-based model predictive control with CPSOGSA for SMBR filtration

(2017) *International Journal of Electrical and Computer Engineering*, 7 (3), pp. 1538-1545. Cited 7 times.

Arruda, A.G., Alkhamis, M.A., VanderWaal, K., Morrison, R.B., Perez, A.M.

Estimation of time-dependent reproduction numbers for porcine reproductive and respiratory syndrome across different regions and production systems of the US

(2017) *Frontiers in Veterinary Science*, 4 (APR), art. no. 46, . Cited 10 times.

Jallow, M.F.A., Awadh, D.G., Albaho, M.S., Devi, V.Y., Thomas, B.M.

Pesticide knowledge and safety practices among farm workers in Kuwait: Results of a survey

(2017) *International Journal of Environmental Research and Public Health*, 14 (4), art. no. 340, . Cited 72 times.

Funding details

Kuwait Institute for Scientific Research

Willeberg, P.W., AlKhamis, M., Boklund, A., Perez, A.M., Enøe, C., Halasa, T.

decision tools for FMD emergency vaccination informed by field observations and simulated outbreak data

(2017) *Frontiers in Veterinary Science*, 4 (MAR), art. no. 43, . Cited 3 times.

Funding details

University of California
University of California, Davis
Seventh Framework Programme

Habib, K.^a, Jiang, W.^{b c}, Rahman, B.M.A.^c, Grattan, K.T.V.^c

Energy efficiency of iron-boron-silicon metallic glasses in sulfuric acid solutions

(2017) *Materials Research Express*, 4 (3), art. no. 035201, . Cited 1 time.

Al-Yaqoub, T.H., Parol, J., Znidarcic, D.

Experimental investigation of volume change behavior of swelling soil

(2017) *Applied Clay Science*, 137, pp. 22-29. Cited 14 times.

Al-Dhafeeri, A.T., Al-Salem, S.M., Al-Wadi, M.H., Sultan, H.H., Karam, H.K.

Variation in gas chromatography (GC) analysis in setting up laboratory protocols for waste to energy novel fixed bed reactor setups

(2017) *International Journal of Energy Production and Management*, 2 (3), pp. 294-305. Cited 5 times.

Funding details

Kuwait Foundation for the Advancement of Sciences
Kuwait Institute for Scientific Research

Al-Enezi, S.

CO₂ Induced Foaming Behavior of Polystyrene near the Glass Transition

(2017) *International Journal of Polymer Science*, 2017, art. no. 7804743, .

Funding details

Kuwait Institute for Scientific Research

The author acknowledges the Kuwait Institute for Scientific Research (KISR) for the financial support through Project no. PC 012K.

Cui, Q., Nakabayashi, K., Ma, X., Ideta, K., Miyawaki, J., Marafi, A.M.J., Al-Mutairi, A., Park, J.-I., Yoon, S.-H., Mochida, I.

Examining the molecular entanglement between V=O complexes and their matrices in atmospheric residues by ESR

(2017) *RSC Advances*, 7 (60), pp. 37908-37914. Cited 9 times.

Al-Samhan, M., Samuel, J., Al-Attar, F., Abraham, G.

Comparative Effects of MMT Clay Modified with Two Different Cationic Surfactants on the Thermal and Rheological Properties of Polypropylene Nanocomposites

(2017) *International Journal of Polymer Science*, 2017, art. no. 5717968, . Cited 10 times.

Funding details

Kuwait Institute for Scientific Research
Kuwait Institute for Scientific Research (KISR)

Al-Mutairi, A., Smallbone, A., Al-Salem, S.M., Roskilly, A.P.

The first carbon atlas of the state of Kuwait

(2017) *Energy*, 133, pp. 317-326. Cited 3 times.

Funding details

Engineering and Physical Sciences Research Council

Almatouq, A., Babatunde, A.O.

Concurrent hydrogen production and phosphorus recovery in dual chamber microbial electrolysis cell

(2017) *Bioresource Technology*, 237, pp. 193-203. Cited 16 times.

Funding details

Kuwait Institute for Scientific Research

School of Chemistry, Cardiff University

The Authors would like to acknowledge the technical staff at the Cardiff University School of Engineering for supporting them. The first author would like to thank Kuwait Institute for Scientific Research for their financial support.

Hossain, M.A., Al-Abdul-Elah, K.M., El-Dakour, S.

Evaluation of different commercial feeds on grow-out silver black porgy, Sparidentex hasta (Valenciennes), for optimum growth performance, fillet quality, and cost of production

(2017) *Saudi Journal of Biological Sciences*, 24 (1), pp. 71-79. Cited 4 times.

Funding details

Kuwait Institute for Scientific Research

Publications 2018

El-Hosainy, H.M., El-Sheikh, S.M., Ismail, A.A., Hakki, A., Dillert, R., Killal, H.M., Ibrahim, I.A., Bahnemann, D.W.

Highly selective photocatalytic reduction of o-dinitrobenzene to o-phenylenediamine over non-metal-doped TiO₂ under simulated solar light irradiation

(2018) *Catalysts*, 8 (12), art. no. 641, . Cited 7 times.

Funding details

Science and Technology Development Fund

Clegg, T., Ali, M., Beckerman, A.P.

The impact of intraspecific variation on food web structure

(2018) *Ecology*, 99 (12), pp. 2712-2720. Cited 10 times.

Funding details

Natural Environment Research Council

University of Sheffield

Kuwait Institute for Scientific Research

Li, W., Nyhan, M.M., Wilker, E.H., Vieira, C.L.Z., Lin, H., Schwartz, J.D., Gold, D.R., Coull, B.A., Aba, A.M., Benjamin, E.J., Vasan, R.S., Koutrakis, P., Mittleman, M.A.

Recent exposure to particle radioactivity and biomarkers of oxidative stress and inflammation: The Framingham Heart Study

(2018) *Environment International*, pp. 1210-1216. Cited 17 times.

Funding details

National Institute on Aging

National Heart, Lung, and Blood Institute

National Institute of Environmental Health Sciences

U.S. Environmental Protection Agency

Boston University

Alqaheem, Y., Alomair, A., Alhendi, A., Alkandari, S., Tanoli, N., Alnajdi, N., Quesada-Peréz, A.
Preparation of polyetherimide membrane from non-toxic solvents for the separation of hydrogen from methane
(2018) *Chemistry Central Journal*, 12 (1), art. no. 80, . Cited 7 times.

Al-Hemoud, A., Gasana, J., Al-Dabbous, A.N., Al-Shatti, A., Al-Khayat, A.
Disability adjusted life years (Dalys) in terms of years of life lost (yll) due to premature adult mortalities and postneonatal infant mortalities attributed to pm2.5 and pm10 exposures in kuwait
(2018) *International Journal of Environmental Research and Public Health*, 15 (11), art. no. 609, . Cited 19 times.

Al Salameen, F., Habibi, N., Kumar, V., Al Amad, S., Dashti, J., Talebi, L., Al Doaij, B.
Genetic diversity and population structure of Haloxylon salicornicum moq. in Kuwait by ISSR markers
(2018) *PLoS ONE*, 13 (11), art. no. e0207369, . Cited 8 times.

Alsaquer, S., Marafi, M., Banat, I.M., Ismail, W.
Biosurfactant-facilitated leaching of metals from spent hydrodesulphurization catalyst
(2018) *Journal of Applied Microbiology*, 125 (5), pp. 1358-1369. Cited 3 times.

Pathak, A., Healy, M.G., Morrison, L.
Changes in the fractionation profile of Al, Ni, and Mo during bioleaching of spent hydroprocessing catalysts with Acidithiobacillus ferrooxidans
(2018) *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, 53 (11), pp. 1006-1014. Cited 14 times.

Funding details

Science Foundation Ireland
Irish Research Council

Al-Anzi, B., Zinn, K.
Identification and characterization of mushroom body neurons that regulate fat storage in Drosophila
(2018) *Neural Development*, 13 (1), art. no. 18, . Cited 6 times.

Funding details

National Institutes of Health

This work was supported by grants from the NIH (NS083874 and NS28182), and from the Della Martin Foundation to K.Z.

Kumar, V., AlMomin, S., Al-Aqeel, H., Al-Salameen, F., Nair, S., Shajan, A.
Metagenomic analysis of rhizosphere microflora of oil-contaminated soil planted with barley and alfalfa
(2018) *PLoS ONE*, 13 (8), art. no. e0202127, . Cited 10 times.

Hafeez, S., Manos, G., Al-Salem, S.M., Aristodemou, E., Constantinou, A.
Liquid fuel synthesis in microreactors
(2018) *Reaction Chemistry and Engineering*, 3 (4), pp. 414-432. Cited 16 times.

Saker, N., Al-Qattan, A., Al-Otaibi, A., Al-Mulla, A.
Cost-benefit analysis of rooftop photovoltaic systems based on climate conditions of Gulf

Cooperation Council countries

(2018) *IET Renewable Power Generation*, 12 (9), pp. 1074-1081. Cited 5 times.

Funding details

Kuwait Foundation for the Advancement of Sciences

Al-Taiar, A., Rahman, A., Al-Sabah, R., Shaban, L., Al-Harbi, A.

Vitamin D status among adolescents in Kuwait: A cross-sectional study

(2018) *BMJ Open*, 8 (7), art. no. e021401, . Cited 19 times.

Funding details

Kuwait University

Funding The work was supported and funded by Kuwait University Research Project No WF 02/13.

Ün, İ., Ok, S.

Analysis of olive oil for authentication and shelf life determination

(2018) *Journal of Food Science and Technology*, 55 (7), pp. 2476-2487. Cited 7 times.

Al-Murad, M., Zubari, W.K., Uddin, S.

Geostatistical characterization of the transmissivity: An example of Kuwait aquifers

(2018) *Water (Switzerland)*, 10 (7), art. no. 828, .

Ali, N., Teixeira, J.A., Addali, A., Al-Zubi, F., Shaban, E., Behbehani, I.

The effect of aluminium nanocoating and water pH value on the wettability behavior of an aluminium surface

(2018) *Applied Surface Science*, 443, pp. 24-30. Cited 9 times.

Funding details

Kuwait Institute for Scientific Research

Rahmeh, R., Akbar, A., Kishk, M., Al Onaizi, T., Al-Shatti, A., Shajan, A., Akbar, B., Al-Mutairi, S., Yateem, A.

Characterization of semipurified enterocins produced by Enterococcus faecium strains isolated from raw camel milk

(2018) *Journal of Dairy Science*, 101 (6), pp. 4944-4952. Cited 7 times.

Funding details

Kuwait Foundation for the Advancement of Sciences

Kuwait Institute for Scientific Research

Al-Mouqatea, S., Alkhamis, M., Akbar, B., Ali, A., Al-Aqeel, H., Bin-Heji, A., Razzaque, M., Alvarez, J., Perez, A.

Bayesian estimation of ELISA and gamma interferon test accuracy for the detection of bovine tuberculosis in caudal fold test-negative dairy cattle in Kuwait

(2018) *Journal of Veterinary Diagnostic Investigation*, 30 (3), pp. 468-470. Cited 3 times.

Funding details

Scientific Education and Research Institute

Kuwait Foundation for the Advancement of Sciences

Iñiguez-Franco, F., Auras, R., Ahmed, J., Selke, S., Rubino, M., Dolan, K., Soto-Valdez, H.

Control of hydrolytic degradation of Poly(lactic acid) by incorporation of chain extender: From bulk to surface erosion

(2018) *Polymer Testing*, 67, pp. 190-196. Cited 20 times.

Funding details

U.S. Department of Agriculture
Secretaría de Educación Pública
Consejo Nacional de Ciencia y Tecnología

Kanda, Y., Kawanishi, K., Tsujino, T., Al-Otaibi, A.M.F.M., Uemichi, Y.

Catalytic activities of noble metal phosphides for hydrogenation and hydrodesulfurization reactions
(2018) *Catalysts*, 8 (4), art. no. 160, . Cited 11 times.

Funding details

Japan Society for the Promotion of Science
Tokyo University of Agriculture and Technology

Burney, N.A., Mohaddes, K., Alawadhi, A., Al-Musallam, M.

The dynamics and determinants of Kuwait's long-run economic growth
(2018) *Economic Modelling*, 71, pp. 289-304. Cited 5 times.

Ahmad, M., Oatley-Radcliffe, D.L., Williams, P.M.

Can a hybrid RO-Freeze process lead to sustainable water supplies?
(2018) *Desalination*, 431, pp. 140-150. Cited 7 times.

Nyhan, M.M., Coull, B.A., Blomberg, A.J., Vieira, C.L.Z., Garshick, E., Aba, A., Vokonas, P., Gold, D.R., Schwartz, J., Koutrakis, P.

Associations between ambient particle radioactivity and blood pressure: The NAS (Normative Aging Study)

(2018) *Journal of the American Heart Association*, 7 (6), art. no. e008245, . Cited 21 times.

Funding details

National Institutes of Health
National Institute of Environmental Health Sciences
U.S. Environmental Protection Agency
U.S. Department of Veterans Affairs

Suleiman, M.K., Bhat, N.R., Jacob, S., Al-Burais, M.

Perfomance evaluation of Chrysopogon zizanoides under urban conditions of Kuwait
(2018) *Saudi Journal of Biological Sciences*, 25 (2), pp. 305-312.

Funding details

Kuwait Institute for Scientific Research

Zoorob, S.E., Mturi, G.A., Sangiorgi, C., Dinis-Almeida, M., Habib, N.Z.

Fluxing as a new tool for bitumen rheological characterization and the use of time-concentration shift factor (ac)

(2018) *Construction and Building Materials*, 158, pp. 691-699. Cited 1 time.

Kanankege, K.S.T., Alkhamis, M.A., Phelps, N.B.D., Perez, A.M.

A probability co-kriging model to account for reporting bias and recognize areas at high risk for Zebra Mussels and Eurasian Watermilfoil Invasions in Minnesota

(2018) *Frontiers in Veterinary Science*, 4 (JAN), art. no. 231, . Cited 7 times.

Al-Awadi, L.

Assessment of indoor levels of volatile organic compounds and carbon dioxide in schools in Kuwait
(2018) *Journal of the Air and Waste Management Association*, 68 (1), pp. 54-72. Cited 8 times.

Funding details

Kuwait Foundation for the Advancement of Sciences
Kuwait Institute for Scientific Research

Nithyanandan, M., Le Vay, L., Raja, D.K., Kesavan, R., Pereira, D.

Coral nursery and transplantation of the staghorn coral, Acropora downingi in Sabah Al-Ahmad Sea City, Kuwait, Arabian Gulf

(2018) *Cogent Environmental Science*, 4 (1), art. no. 1480334, . Cited 4 times.

Yussuf, A., Al-Saleh, M., Al-Enezi, S., Abraham, G.

Synthesis and Characterization of Conductive Polypyrrole: The Influence of the Oxidants and Monomer on the Electrical, Thermal, and Morphological Properties

(2018) *International Journal of Polymer Science*, 2018, art. no. 4191747, . Cited 41 times.

Funding details

Kuwait Institute for Scientific Research

El-Eskandarany, M.S., Alkandary, A., Aldakheel, F., Al-Saidi, M., Al-Ajmi, F., Banyan, M.

Performance and fuel cell applications of reacted ball-milled MgH₂/5.3 wt% TiH₂ nanocomposite powders

(2018) *RSC Advances*, 8 (67), pp. 38175-38185. Cited 6 times.

Funding details

Kuwait Foundation for the Advancement of Sciences

Yassin, M.F., Malek, M.J., Al-Rashidi, M.S.

Ozone background levels and trends in the state of Kuwait

(2018) *WIT Transactions on Ecology and the Environment*, 230, pp. 375-383. Cited 1 time.

Al-Khalaifah, H.S.

Benefits of probiotics and/or prebiotics for antibiotic-reduced poultry

(2018) *Poultry Science*, 97 (11), pp. 3807-3815. Cited 39 times.

El-Eskandarany, M.S., Banyan, M., Al-Ajmi, F.

Discovering a new MgH₂ metastable phase

(2018) *RSC Advances*, 8 (56), pp. 32003-32008. Cited 12 times.

Funding details

Kuwait Foundation for the Advancement of Sciences

Kuwait Institute for Scientific Research

Aboghrara, A.M., Alghoul, M.A., Baharudin, B.T.H.T., Elbreki, A.M., Ammar, A.A., Sopian, K., Hairuddin, A.A.

Parametric study on the thermal performance and optimal design elements of solar air heater enhanced with jet impingement on a corrugated absorber plate

(2018) *International Journal of Photoenergy*, 2018, art. no. 1469385, . Cited 6 times.

Al-Hemoud, A., Al-Dousari, A., Al-Shatti, A., Al-Khayat, A., Behbehani, W., Malak, M.

Health impact assessment associated with exposure to PM10 and dust storms in Kuwait

(2018) *Atmosphere*, 9 (1), art. no. 6, . Cited 51 times.

Funding details

Kuwait Institute for Scientific Research

Publications 2019

Khan, M.I., Huat, H.Y., bin Muhamad Dun, M.H., Sutanto, M.H., Jarghouyeh, E.N., Zoorob, S.E.
Effect of irradiated and non-irradiated waste PET based cementitious grouts on flexural strength of semi-flexible pavement
(2019) *Materials*, 12 (24), art. no. 4133, . Cited 2 times.

Suleiman, M.K., Quoreshi, A.M., Bhat, N.R., Manuvel, A.J., Sivadasan, M.T.
Divulging diazotrophic bacterial community structure in Kuwait desert ecosystems and their N₂-fixation potential
(2019) *PLoS ONE*, 14 (12), art. no. e0220679, . Cited 3 times.

Alhalaili, B., Vidu, R., Islam, M.S.

The growth of ga₂O₃ nanowires on silicon for ultraviolet photodetector
(2019) *Sensors (Switzerland)*, 19 (23), art. no. 5301, . Cited 6 times.

Funding details

Scientific Education and Research Institute
M.S.I. Foundation
Kuwait Institute for Scientific Research

Richmond, M., Antoniadis, A., Wang, L., Kolios, A., Al-Sanad, S., Parol, J.
Evaluation of an offshore wind farm computational fluid dynamics model against operational site data
(2019) *Ocean Engineering*, 193, art. no. 106579, . Cited 5 times.

Funding details

Engineering and Physical Sciences Research Council
Cranfield University

Funding details

This work was supported by Grant EP/L016303/1 for Cranfield University , Centre for Doctoral Training in Renewable Energy Marine Structures (REMS) (<http://www.rems-cdt.ac.uk/>) and by Grant EP/L014106/1 , Supergen Wind Hub, both from the UK Engineering and Physical Sciences Research Council (EPSRC) .

Vijay, K.G., Neelamani, S., Sahoo, T.

Wave interaction with multiple slotted barriers inside harbour: Physical and numerical modelling
(2019) *Ocean Engineering*, 193, art. no. 106623, . Cited 17 times.

Funding details

Department of Science and Technology, Government of Kerala
Birla Institute of Scientific Research

Indian Institute of Technology Kharagpur

The experimental investigations were conducted in the coastal engineering laboratory at Kuwait Institute for Scientific Research (KISR), Kuwait. The logistic support by KISR is acknowledged. S. Neelamani acknowledges Indian Institute of Technology Kharagpur for inviting him to offer a micro-credit course (Course Id. 171001GO1) under the GIAN Program at IIT Kharagpur, which prompted this collaborative

research. Partial support received from the Department of Science and Technology, Government of India through Award No.DST/CCP/CoE/79/2017(G) is acknowledged.

Li, W., Wang, Y., Asimakopoulos, A.G., Covaci, A., Gevao, B., Johnson-Restrepo, B., Kumosani, T.A., Malarvannan, G., Moon, H.-B., Nakata, H., Sinha, R.K., Tran, T.M., Kannan, K.

Organophosphate esters in indoor dust from 12 countries: Concentrations, composition profiles, and human exposure

(2019) *Environment International*, 133, art. no. 105178, . Cited 32 times.

Abdel-Latif, I.A., Al-Hajji, L.A., Faisal, M., Ismail, A.A.

Doping Strontium into Neodymium Manganites Nanocomposites for Enhanced Visible light Driven Photocatalysis

(2019) *Scientific Reports*, 9 (1), art. no. 13932, . Cited 16 times.

Funding details

Roy, A., Keesari, T., Sinha, U.K., Sabarathinam, C.

Delineating groundwater prospect zones in a region with extreme climatic conditions using GIS and remote sensing techniques: A case study from central India

(2019) *Journal of Earth System Science*, 128 (8), art. no. 201, . Cited 9 times.

Funding details

The authors wish to acknowledge the contribution by Mr Ajay Jaryal and Mr S N Kamble of Isotope Hydrology Section and Mr Santu Ghosh of Indian Association for the Cultivation of Science, Kolkata.

Alomair, A.A., Alqaheem, Y.

The Implementation of a Carbon Precursor to Produce ZSM-5 Membranes for the Separation of Isomers in the Pervaporation System

(2019) *ACS Omega*, 4 (21), pp. 19005-19010. Cited 3 times.

Funding details

Kuwait Institute for Scientific Research

Ardeleanu, M.N., Popescu, I.N., Udroiu, I.N., Diaconu, E.M., Mihai, S., Lungu, E., Alhalaili, B., Vidu, R. **Novel PDMS-based sensor system for MPWM measurements of picoliter volumes in microfluidic devices**

(2019) *Sensors (Switzerland)*, 19 (22), art. no. 4886, . Cited 3 times.

Funding details

We thank all members of CELTEH MEZOTRONIC for providing the MPWM system. We also thank the management and staff of the Scientific and Technological Multidisciplinary Research Institute (ICSTM-UVT), Valahia University of Targoviste, for their collaboration and access to their laboratories.

Chow, A.C., Verbruggen, W., Morelissen, R., Al-Osairi, Y., Ponnumani, P., Lababidi, H.M.S., Al-Anzi, B., Adams, E.E.

Numerical prediction of background buildup of salinity due to desalination brine discharges into the northern Arabian Gulf

(2019) *Water (Switzerland)*, 11 (11), art. no. 2284, . Cited 3 times.

Funding details

Kuwait Foundation for the Advancement of Sciences

Kuwait Institute for Scientific Research

Alabdulhadi, A., Ramadan, A., Devey, P., Boggess, M., Guest, M.

Inhalation exposure to volatile organic compounds in the printing industry

(2019) *Journal of the Air and Waste Management Association*, 69 (10), pp. 1142-1169. Cited 4 times.

Al-Khalaifa, H., Al-Nasser, A., Al-Surayee, T., Al-Kandari, S., Al-Enzi, N., Al-Sharrah, T., Ragheb, G., Al-Qalaf, S., Mohammed, A.

Effect of dietary probiotics and prebiotics on the performance of broiler chickens

(2019) *Poultry Science*, 98 (10), pp. 4465-4479. Cited 27 times.

Al-Otaibi, S., Al-Aibani, A., Al-Bahar, S., Abdulsalam, M., Al-Fadala, S.

Potential for producing concrete blocks using sulphur polymeric concrete in Kuwait

(2019) *Journal of King Saud University - Engineering Sciences*, 31 (4), pp. 327-331. Cited 1 time.

Al-Salem, S.M., Behbehani, M.H., Al-Hazza'a, A., Arnold, J.C., Alston, S.M., Al-Rowaih, A.A., Asiri, F., Al-Rowaih, S.F., Karam, H.

Study of the degradation profile for virgin linear low-density polyethylene (LLDPE) and polyolefin (PO) plastic waste blends

(2019) *Journal of Material Cycles and Waste Management*, 21 (5), pp. 1106-1122. Cited 9 times.

Alhalaili, B., Bunk, R., Vidu, R., Saif Islam, M.

Dynamics contributions to the growth mechanism of Ga₂O₃ thin film and NWS enabled by Ag catalyst

(2019) *Nanomaterials*, 9 (9), art. no. 1272, . Cited 8 times.

Funding details

Kuwait Institute for Scientific Research

Frontalini, F., Losada, M.T., Toyofuku, T., Tyszka, J., Goleń, J., de Nooijer, L., Canonico, B., Cesarini, E., Nagai, Y., Bickmeyer, U., Ikuta, T., Tsubaki, R., Besteiro Rodriguez, C., Al-Enezi, E., Papa, S., Coccioni, R., Bijma, J., Bernhard, J.M.

Foraminiferal Ultrastructure: A perspective From Fluorescent and Fluorogenic Probes

(2019) *Journal of Geophysical Research: Biogeosciences*, 124 (9), pp. 2823-2850. Cited 3 times.

Funding details

Woods Hole Oceanographic Institution

Australian Wool Innovation

Japan Society for the Promotion of Science

Kuwait Foundation for the Advancement of Sciences

Bajoga, A.D., Al-Dabbous, A.N., Abdullahi, A.S., Alazemi, N.A., Bachama, Y.D., Alaswad, S.O.

Evaluation of elemental concentrations of uranium, thorium and potassium in top soils from Kuwait

(2019) *Nuclear Engineering and Technology*, 51 (6), pp. 1638-1649. Cited 3 times.

Funding details

University of Surrey

Kuwait Institute for Scientific Research

Tertiary Education Trust Fund

Antelava, A., Damilos, S., Hafeez, S., Manos, G., Al-Salem, S.M., Sharma, B.K., Kohli, K., Constantinou, A.

Plastic Solid Waste (PSW) in the Context of Life Cycle Assessment (LCA) and Sustainable

Management

(2019) *Environmental Management*, 64 (2), pp. 230-244. Cited 23 times.

Ahmed, M., Kumar, R., Garudachari, B., Thomas, J.P.

Assessment of pilot scale forward osmosis system for Arabian Gulf seawater desalination using polyelectrolyte draw solution

(2019) *Desalination and Water Treatment*, 157, pp. 342-348. Cited 1 time.

Funding details

Kuwait Foundation for the Advancement of Sciences

Kuwait Institute for Scientific Research

Rahmeh, R., Akbar, A., Kishk, M., Al-Onaizi, T., Al-Azmi, A., Al-Shatti, A., Shajan, A., Al-Mutairi, S., Akbar, B.

Distribution and antimicrobial activity of lactic acid bacteria from raw camel milk

(2019) *New Microbes and New Infections*, 30, art. no. 100560, . Cited 13 times.

Funding details

Kuwait Foundation for the Advancement of Sciences

Kuwait Institute for Scientific Research

Almutairi, B., Akyurek, T., Usman, S.

Voltage dependent pulse shape analysis of Geiger-Müller counter

(2019) *Nuclear Engineering and Technology*, 51 (4), pp. 1081-1090. Cited 5 times.

Behbehani, M., Uddin, S., Dupont, S., Sajid, S., Al-Musalam, L., Al-Ghadban, A.

Response of corals Acropora pharaonis and Porites lutea to changes in pH and temperature in the Gulf

(2019) *Sustainability (Switzerland)*, 11 (11), art. no. 3156, . Cited 1 time.

Funding details

International Atomic Energy Agency

Kuwait Institute for Scientific Research

Al-Saleh, M.A., Yussuf, A.A., Jumaa, M.A., Hammoud, A., Al-Shammari, T.

Biopolymer solution evaluation methodology: Thermal and mechanical assessment for enhanced oil recovery with high salinity brines

(2019) *Processes*, 7 (6), art. no. 339, . Cited 2 times.

Funding details

Kuwait Institute for Scientific Research

Bixby, H., Bentham, J., Zhou, B., Di Cesare, M., Paciorek, C.J., Bennett, J.E., Taddei, C., Stevens, G.A., Rodriguez-Martinez, A., Carrillo-Larco, R.M., Khang, Y.-H., Sorić, M., Gregg, E.W., Miranda, J.J., Bhutta, Z.A., Savin, S., Sophiea, M.K., Iurilli, M.L.C., Solomon, B.D., Cowan, M.J., Riley, L.M., Danaei, G., Bovet, P., Chirita-Emandi, A., Hambleton, I.R., Hayes, A.J., Ikeda, N., Kengne, A.P., Laxmaiah, A., Li, Y., McGarvey, S.T., Mostafa, A., Neovius, M., Starc, G., Zainuddin, A.A., Abarca-Gómez, L., Abdeen, Z.A., Abdulkhananova, S., Abdul Ghaffar, S., Abdul Hamid, Z., Abubakar Garba, J., Abu-Rmeileh, N.M., Acosta-Cazares, B., Adams, R.J., Aekplakorn, W., Afsana, K., Agdeppa, I.A., Aguilar-Salinas, C.A., Agyemang, C., Ahmad, M.H., Ahmad, N.A., Ahmadi, N., Ahmadvand, A., Ahrens, W., Ajlouni, K., AlBuhairan, F., AlDhukair, S., Al-Hazzaa, H.M., Ali, M.M., Ali, O., Alkerwi, A., Al-Othman, A.R., Al-Raddadi, R., Alvarez-Pedrerol, M., Aly, E., Amarapurkar, D.N., Amouyel, P., Amuzu, A., Andersen, L.B., Anderssen, S.A., Ängquist, L.H., Anjana, R.M., Ansari-Moghaddam, A., Aounallah-Skhiri, H., Araújo, J., Ariansen, I., Aris, T., Arku, R.E., Arlappa, N., Aryal, K.K., Aspelund, T., Assah,

F.K., Assunção, M.C.F., Aung, M.S., Auvinen, J., Avdicová, M., Azevedo, A., Azizi, F., Azmin, M., Babu, B.V., Baharudin, A., Bahijri, S., Baker, J.L., Balakrishna, N., Bamoshmoosh, M., Banach, M., Bandosz, P., Banegas, J.R., Barbagallo, C.M., Barceló, A., Barkat, A., Barros, A.J.D., Barros, M.V.G., Bata, I., Batieha, A.M., Batista, R.L., Battakova, Z., Batyrbek, A., Baur, L.A., Beaglehole, R., Bel-Serrat, S., Ben Romdhane, H., Benedics, J., Benet, M., Berkinbayev, S., Bernabe-Ortiz, A., Bernotiene, G., Bettoli, H., Bhagyalaxmi, A., Bharadwaj, S., Bhargava, S.K., Bi, H., Bi, Y., Biehl, A., Bika Lele, E.C., Bikbov, M., Bista, B., Bjelica, D.J., Bjerregaard, P., Bjertness, E., Bjertness, M.B., Björkelund, C., Blokstra, A., Bo, S., Bobak, M., Boddy, L.M., Boehm, B.O., Boeing, H., Boggia, J.G., Boissonnet, C.P., Bonaccio, M., Bongard, V., Bopp, M., Borchini, R., Borghs, H., Braeckevelt, L., Braeckman, L., Bragt, M.C.E., Brajkovich, I., Branca, F., Breckenkamp, J., Breda, J., Brenner, H., Brewster, L.M., Brian, G.R., Brinduse, L., Bruno, G., Bueno-de-Mesquita, H.B., Bugge, A., Buoncristiano, M., Burazeri, G., Burns, C., Cabrera de León, A., Cacciottolo, J., Cai, H., Cama, T., Cameron, C., Camolas, J., Can, G., Can, G., Cândido, A.P.C., Cañete, F., Capanzana, M.V., Capuano, E., Capuano, V., Cardoso, V.C., Carlsson, A.C., Carmuega, E., Carvalho, M.J., Casanueva, F.F., Casas, J.-P., Caserta, C.A., Celikcan, E., Censi, L., Cesar, J.A., Chamukuttan, S., Chan, A.W., Chan, Q., Chaturvedi, H.K., Chaturvedi, N., Che Abdul Rahim, N., Chen, C.-J., Chen, F., Chen, H., Chen, S., Chen, Z., Cheng, C.-Y., Cheng, Y.J., Chetrit, A., Chikova-Iscener, E., Chiolero, A., Chiou, S.-T., Chirlaque, M.-D., Cho, B., Cho, Y., Christensen, K., Christofaro, D.G., Chudek, J., Cifkova, R., Cilia, M., Cinteza, E., Claessens, F., Clarke, J., Clays, E., Concin, H., Confortin, S.C., Cooper, C., Coppinger, T.C., Costanzo, S., Cottel, D., Cowell, C., Craig, C.L., Crampin, A.C., Crujeiras, A.B., Cruz, J.J., Cucu, A., Cui, L., Dallongeville, J., Damasceno, A., Damsgaard, C.T., Dankner, R., Dantoft, T.M., D'Arrigo, G., Dasgupta, P., Dastgiri, S., Dauchet, L., Davletov, K., De Backer, G., De Bacquer, D., De Curtis, A., de Gaetano, G., De Henauw, S., de Oliveira, P.D., De Ridder, K., de Rooij, S.R., De Smedt, D., Deepa, M., Deev, A.D., Dehghan, A., Delisle, H., Delpeuch, F., Dennison, E., Deschamps, V., Dhana, K., Dhimal, M., Di Castelnuovo, A.F., Dias-da-Costa, J.S., Diaz, A., Dika, Z., Djalalinia, S., Do, H.T.P., Dobson, A.J., Donati, M.B., Donfrancesco, C., Donoso, S.P., Döring, A., Dorobantu, M., Dorosty, A.R., d'Orsi, E., Doua, K., Drygas, W., Duan, J.L., Duante, C.A., Duda, R.B., Duleva, V., Dulskiene, V., Dumith, S.C., Dzerve, V., Dziankowska-Zaborszczyk, E., Eddie, R., Egbagbe, E.E., Eggertsen, R., Eiben, G., Ekelund, U., El Ati, J., Eldemire-Shearer, D., Eliasen, M., Elliott, P., Engle-Stone, R., Erasmus, R.T., Erem, C., Eriksen, L., Eriksson, J.G., Escobedo-de la Peña, J., Evans, A., Faeh, D., Fall, C.H., Farrugia Sant'Angelo, V., Farzadfar, F., Fattahi, M.R., Felix-Redondo, F.J., Ferguson, T.S., Fernandes, R.A., Fernández-Bergés, D., Ferrante, D., Ferrari, M., Ferreccio, C., Ferrer, E., Ferrieres, J., Fijalkowska, A., Fink, G., Fischer, K., Flores, E.M., Föger, B., Foo, L.H., Forslund, A.-S., Forsner, M., Fouad, H.M., Francis, D.K., Franco, M.C., Franco, O.H., Frontera, G., Fuchs, F.D., Fuchs, S.C., Fujita, Y., Furusawa, T., Gaciong, Z., Gafencu, M., Galeone, D., Galvano, F., Gao, J., Garcia-de-la-Hera, M., Gareta, D., Garnett, S.P., Gaspoz, J.-M., Gasull, M., Gates, L., Gazzinelli, A., Geiger, H., Geleijnse, J.M., Ghanbari, A., Ghasemi, E., Ghasemian, A., Gheorghe-Fronea, O.-F., Giampaoli, S., Gianfagna, F., Gill, T.K., Giovannelli, J., Gironella, G., Giwercman, A., Godos, J., Gogen, S., Goldsmith, R.A., Goltzman, D., Gonçalves, H., Gonzalez, A.R., Gonzalez-Chica, D.A., Gonzalez-Gross, M., González-Leon, M., González-Rivas, J.P., González-Villalpando, M.-E., Gottrand, F., Graça, A.P., Graff-Iversen, S., Grafnetter, D., Grajda, A., Grammatikopoulou, M.G., Gregor, R.D., Grodzicki, T., Grøntved, A., Grossi, G., Gruden, G., Gu, D., Gualdi-Russo, E., Gudmundsson, E.F., Gudnason, V., Guerrero, R., Guessous, I., Guimaraes, A.L., Gulliford, M.C., Gunnlaugsdottir, J., Gunter, M., Guo, X., Guo, Y., Gupta, P.C., Gupta, R., Gureje, O., Gurzkowska, B., Gutierrez, L., Gutzwiller, F., Hadaegh, F., Hadjigeorgiou, C.A., Haghshenas, R., Halkjær, J., Hardy, R., Hari Kumar, R., Hassapidou, M., Hata, J., Haugsgjerd, T., He, J., He, Y., Heidinger-Felso, R., Heinen, M., Hejgaard, T., Hendriks, M.E., Henriques, A., Hernandez Cadena, L., Herrala, S., Herrera, V.M., Herter-Aeberli, I., Heshmat, R., Hill, A.G., Ho, S.Y., Ho, S.C., Hobbs, M., Hofman, A., Hopman, W.M., Horimoto, A.R.V.R., Hormiga, C.M., Horta, B.L., Houti, L., Howitt, C., Htay, T.T., Htet, A.S., Htike, M.M.T., Hu, Y., Huerta, J.M., Huhtaniemi, I.T., Huidumac Petrescu, C., Huisman, M., Husseini, A., Huu, C.N., Huybrechts, I., Hwalla, N., Hyska, J., Iacoviello, L., Ibarluzea, J.M., Ibrahim, M.M., Ibrahim Wong, N., Ikram, M.A., Irazola, V.E., Ishida, T.,

Islam, M., Ismail, A.-S., Ivkovic, V., Iwasaki, M., Jääskeläinen, T., Jackson, R.T., Jacobs, J.M., Jaddou, H., Jafar, T., James, K., Jamil, K.M., Jamrozik, K., Janszky, I., Janus, E., Jarani, J., Jarvelin, M.-R., Jasienska, G., Jelakovic, A., Jelakovic, B., Jennings, G., Jeong, S.-L., Jiang, C.Q., Jimenez, R.O., Joffres, M., Johansson, M., Jokelainen, J.J., Jonas, J.B., Jørgensen, T., Joshi, P., Jovic, D.P., Józwiak, J., Juolevi, A., Jurak, G., Juresa, V., Kaaks, R., Kafatos, A., Kajantie, E.O., Kalter-Leibovici, O., Kamaruddin, N.A., Kameli, Y., Kapantais, E., Karki, K.B., Kasaeian, A., Katibeh, M., Katz, J., Katzmarzyk, P.T., Kauhanen, J., Kaur, P., Kavousi, M., Kazakbaeva, G., Keil, U., Keinan-Boker, L., Keinänen-Kiukaanniemi, S., Kelishadi, R., Kelleher, C., Kemper, H.C.G., Kerimkulova, A., Kersting, M., Key, T., Khader, Y.S., Khalili, D., Khateeb, M., Khaw, K.-T., Kheiri, B., Khosravi, A., Khouw, I.M.S.L., Kiechl, S., Kiechl-Kohlendorfer, U., Killewo, J., Kim, J., Kim, Y.-Y., Klimont, J., Klumbiene, J., Knoflach, M., Koirala, B., Kolle, E., Kolsteren, P., König, J., Korpelainen, R., Korrovits, P., Korzycka, M., Koskinen, S., Kouda, K., Kovacs, V.A., Kowlessur, S., Koziel, S., Kratzer, W., Kriemler, S., Kristensen, P.L., Krokstad, S., Kromhout, D., Kruger, H.S., Kubinova, R., Kuciene, R., Kuh, D., Kujala, U.M., Kujundzic, E., Kulaga, Z., Kumar, R.K., Kunešová, M., Kurjata, P., Kusuma, Y.S., Kuulasmaa, K., Kyobutungi, C., La, Q.N., Laamiri, F.Z., Laatikainen, T., Lachat, C., Laid, Y., Lam, T.H., Lang Morovic, M., Lanska, V., Lappas, G., Larijani, B., Latt, T.S., Laugsand, L.E., Lauria, L., Lazo-Porras, M., Le Nguyen Bao, K., Le Port, A., Le, T.D., Lee, J., Lee, J., Lee, P.H., Lehtimäki, T., Lemogoum, D., Levitt, N.S., Lilly, C.L., Lim, W.-Y., Lima-Costa, M.F., Lin, H.-H., Lin, X., Lind, L., Linneberg, A., Lissner, L., Litwin, M., Liu, J., Loit, H.-M., Lopes, L., Lopez, T., López-García, E., Lorbeer, R., Lotufo, P.A., Lozano, J.E., Luksiene, D., Lundqvist, A., Lundqvist, R., Lunet, N., Lytsy, P., Ma, G., Ma, J., Machado-Coelho, G.L.L., Machado-Rodrigues, A.M., Machi, S., Maggi, S., Magliano, D.J., Magriplis, E., Maire, B., Majer, M., Makdisse, M., Malekzadeh, F., Malekzadeh, R., Malhotra, R., Malyutina, S., Maniego, L.V., Manios, Y., Mann, J.I., Manzato, E., Margozzini, P., Markaki, A., Markey, O., Markidou Ioannidou, E., Marques, L.P., Marques-Vidal, P., Marrugat, J., Martin, R., Martin-Prevel, Y., Martorell, R., Martos, E., Marventano, S., Masoodi, S.R., Mathiesen, E.B., Mathur, P., Matijasevich, A., Matsha, T.E., Mazur, A., Mbanya, J.C.N., McFarlane, S.R., McKee, M., McLachlan, S., McLean, R.M., McLean, S.B., McNulty, B.A., Md Yusof, S., Mediene-Benchekor, S., Medzioniene, J., Mehdipour, P., Meirhaeghe, A., Meisfjord, J., Meisinger, C., Menezes, A.M.B., Menon, G.R., Mensink, G.B.M., Mereke, A., Meshram, I.I., Metspalu, A., Meyer, H.E., Mi, J., Michaelsen, K.F., Michels, N., Mikkel, K., Miller, J.C., Minderico, C.S., Miquel, J.F., Mirkopoulou, D., Mirrakhimov, E., Misigoj-Durakovic, M., Mistretta, A., Mocanu, V., Modesti, P.A., Moghaddam, S.S., Mohajer, B., Mohamed, M.K., Mohammad, K., Mohammadifard, N., Mohan, V., Mohanna, S., Mohd Yusoff, M.F., Mohebi, F., Moitry, M., Molbo, D., Møllehave, L.T., Møller, N.C., Molnár, D., Momenan, A., Mondo, C.K., Monterrubio, E.A., Monyeki, K.D.K., Moon, J.S., Moreira, L.B., Morejon, A., Moreno, L.A., Morgan, K., Morin, S., Mortensen, E.L., Moschonis, G., Mossakowska, M., Mota, J., Mota-Pinto, A., Motlagh, M.E., Motta, J., Msyamboza, K.P., Mu, T.T., Muc, M., Mugoša, B., Muiesan, M.L., Mukhtorova, P., Müller-Nurasyid, M., Murphy, N., Mursu, J., Murtagh, E.M., Milanovic, S.M., Musil, V., Nabipour, I., Naderimaghram, S., Nagel, G., Naidu, B.M., Nakamura, H., Námešná, J., Nang, E.E.K., Nangia, V.B., Nankap, M., Narake, S., Nardone, P., Nauck, M., Navarrete-Muñoz, E.M., Neal, W.A., Nelis, K., Nelis, L., Nenko, I., Nervi, F., Nguyen, C.T., Nguyen, N.D., Nguyen, Q.N., Nieto-Martínez, R.E., Ning, G., Ninomiya, T., Nishtar, S., Noale, M., Noboa, O.A., Norat, T., Norie, S., Noto, D., Nsour, M.A., Nurk, E., Nyirenda, M., Obreja, G., Ochoa-Avilés, A.M., Oda, E., Oh, K., Ohara, K., Ohtsuka, R., Olafsson, Ö., Olinto, M.T.A., Oliveira, I.O., Oltarzewski, M., Omar, M.A., Onat, A., O'Neill, T.W., Ong, S.K., Ono, L.M., Ordunez, P., O'Reilly, D., Ornelas, R., Ortiz, A.P., Ortiz, P.J., Osler, M., Osmond, C., Ostojic, S.M., Ostovar, A., Otero, J.A., Overvad, K., Owusu-Dabo, E., Paccaud, F.M., Padez, C., Pagkalos, I., Pahomova, E., Paják, A., Palli, D., Palloni, A., Palmieri, L., Pan, W.-H., Panda-Jonas, S., Pandey, A., Panza, F., Papandreou, D., Park, S.-W., Parnell, W.R., Parsaeian, M., Pascanu, I.M., Patel, N.D., Pecin, I., Pednekar, M.S., Peer, N., Peixoto, S.V., Peltonen, M., Pereira, A.C., Pérez, C.M., Perez-Farinós, N., Peters, A., Petersmann, A., Petkeviciene, J., Petruskiene, A., Peykari, N., Pham, S.T., Pierannunzio, D., Pigeot, I., Pikhart, H., Pilav, A., Pilotto, L., Pistelli, F., Pitakaka, F., Piwonska, A., Plans-Rubió, P., Poh, B.K., Pohlbeln, H., Pop, R.M., Popovic, S.R., Porta, M., Portegies,

M.L.P., Posch, G., Poulimeneas, D., Pouraram, H., Pourshams, A., Poustchi, H., Pradeepa, R., Price, A.J., Price, J.F., Puder, J.J., Pudule, I., Puhakka, S.E., Puiu, M., Punab, M., Qasrawi, R.F., Qorbani, M., Quoc Bao, T., Radhika, M.S., Radic, I., Radisauskas, R., Rahman, M., Rahman, M., Raitakari, O., Raj, M., Rajkumar, H., Rakhamatulloev, S., Ramachandra Rao, S., Ramachandran, A., Ramke, J., Ramos, E., Ramos, R., Rampal, L., Rampal, S., Rao, K.M., Rascon-Pacheco, R.A., Rasmussen, M., Redon, J., Reganit, P.F.M., Regecová, V., Revilla, L., Ribas-Barba, L., Ribeiro, R., Riboli, E., Rigo, F., Rinaldo, N., Rinke de Wit, T.F., Rito, A., Ritti-Dias, R.M., Rivera, J.A., Robitaille, C., Rodrigues, D., Rodríguez-Artalejo, F., Rodriguez-Perez, M.C., Rodríguez-Villamizar, L.A., Rojas-Martinez, R., Rojroongwasinkul, N., Romaguera, D., Rosengren, A., Rouse, I., Roy, J.G.R., Rubinstein, A., Rühli, F.J., Ruidavets, J.-B., Ruiz Moreno, E., Ruiz-Betancourt, B.S., Russo, P., Rust, P., Rutkowski, M., Sabanayagam, C., Sachdev, H.S., Safiri, S., Saidi, O., Salanave, B., Salazar-Martinez, E., Salmerón, D., Salomaa, V., Salonen, J.T., Salvetti, M., Sánchez-Abanto, J., Sandjaja, Sans, S., Santa-Marina, L., Santos, D.A., Santos, I.S., Santos, O., Santos, R., Sanz, S.S., Saramies, J.L., Sardinha, L.B., Sarrafzadegan, N., Saum, K.-U., Savva, S., Savy, M., Scauzufca, M., Schaffrath Rosario, A., Schargrodsky, H., Schienkiewitz, A., Schindler, K., Schipf, S., Schmidt, C.O., Schmidt, I.M., Schöttker, B., Schultsz, C., Schutte, A.E., Sebert, S., Sein, A.A., Selamat, R., Sember, V., Sen, A., Senbanjo, I.O., Sepanlou, S.G., Sequera, V., Serra-Majem, L., Servais, J., Shalnova, S.A., Sharma, S.K., Shaw, J.E., Shengelia, L., Shibuya, K., Shimizu-Furusawa, H., Shin, D.W., Shin, Y., Siani, A., Siantar, R., Sibai, A.M., Silva, A.M., Silva, D.A.S., Simon, M., Simons, J., Simons, L.A., Si-Ramlee, K., Sjöberg, A., Sjöström, M., Slowikowska-Hilczer, J., Slusarczyk, P., Smeeth, L., Snijder, M.B., So, H.-K., Sobngwi, E., Söderberg, S., Soekatri, M.Y.E., Soemantri, A., Solfrizzi, V., Sonestedt, E., Song, Y., Sørensen, T.I.A., Sossa Jerome, C., Soumaré, A., Spinelli, A., Spiroski, I., Staessen, J.A., Stamm, H., Stathopoulou, M.G., Staub, K., Stavreski, B., Steene-Johannessen, J., Stehle, P., Stein, A.D., Stergiou, G.S., Stessman, J., Stöckl, D., Stocks, T., Stokwiszewski, J., Stratton, G., Stronks, K., Strufaldi, M.W., Sturua, L., Suárez-Medina, R., Sun, C.-A., Sundström, J., Sung, Y.-T., Sunyer, J., Suriyawongpaisal, P., Swinburn, B.A., Sy, R.G., Sylva, R.C., Szponar, L., Tai, E.S., Tammesoo, M.-L., Tamosiunas, A., Tan, E.J., Tang, X., Tanser, F., Tao, Y., Tarawneh, M.R., Tarp, J., Tarqui-Mamani, C.B., Taxová Braunerová, R., Taylor, A., Tchibindat, F., Tebar, W.R., Tell, G., Tello, T., Theobald, H., Theodoridis, X., Thijs, L., Thuesen, B.H., Tichá, L., Timmermans, E.J., Tjonnaeland, A., Tolonen, H.K., Tolstrup, J.S., Topbas, M., Topór-Madry, R., Tormo, M.J., Tornaritis, M.J., Torrent, M., Toselli, S., Traissac, P., Trichopoulos, D., Trichopoulou, A., Trinh, O.T.H., Trivedi, A., Tsao, Y.-H., Tshepo, L., Tsigga, M., Tsugane, S., Tulloch-Reid, M.K., Tullu, F., Tuomainen, T.-P., Tuomilehto, J., Turley, M.L., Tynelius, P., Tzotzas, T., Tzourio, C., Ueda, P., Ugel, E.E., Ukoli, F.A.M., Ulmer, H., Unal, B., Uusitalo, H.M.T., Vaitkeviciute, J., Valdivia, G., Vale, S., Valvi, D., van der Schouw, Y.T., Van Herck, K., Van Minh, H., van Rossem, L., Van Schoor, N.M., van Valkengoed, I.G.M., Vanderschueren, D., Vanuzzo, D., Varela-Moreiras, G., Varona-Pérez, P., Vatten, L., Vega, T., Veidebaum, T., Velasquez-Melendez, G., Velika, B., Veronesi, G., Verschuren, W.M.M., Victora, C.G., Viegi, G., Viet, L., Vineis, P., Vioque, J., Virtanen, J.K., Visser, M., Visvikis-Siest, S., Viswanathan, B., Vlasoff, T., Vollenweider, P., Völzke, H., Voutilainen, A., Voutilainen, S., Vrijheid, M., Vrijkotte, T.G.M., Wade, A.N., Wagner, A., Waldhör, T., Walton, J., Wan Bebakar, W.M., Wan Mohamud, W.N., Wanderley, R.S., Jr., Wang, M.-D., Wang, Q., Wang, X., Wang, Y.X., Wang, Y.-W., Wannamethee, S.G., Wareham, N., Weber, A., Weerasekera, D., Weghuber, D., Wei, W., Whincup, P.H., Widhalm, K., Widyahening, I.S., Wiecek, A., Wijga, A.H., Wilks, R.J., Willeit, J., Willeit, P., Wilsgaard, T., Wojtyniak, B., Wong, J.E., Wong, T.Y., Wong-McClure, R.A., Woo, J., Woodward, M., Wu, F.C., Wu, J., Wu, S., Xu, H., Xu, L., Yamborisut, U., Yan, W., Yang, L., Yang, X., Yang, Y., Yardim, N., Yaseri, M., Ye, X., Yiallouros, P.K., Yngve, A., Yoosofi, M., Yoshihara, A., You, Q.S., You, S.-L., Younger-Coleman, N.O., Yusoff, A.F., Zaccagni, L., Zafiroopoulos, V., Zamani, F., Zambon, S., Zampelas, A., Zamrazilová, H., Zapata, M.E., Zaw, K.K., Zdrojewski, T., Zeljkovic Vrkic, T., Zeng, Y., Zhao, D., Zhao, W., Zheng, W., Zheng, Y., Zholdin, B., Zhou, M., Zhu, D., Zhussupov, B., Zimmermann, E., Zuñiga Cisneros, J., Ezzati, M., NCD Risk Factor Collaboration(NCD-RisC)

Rising rural body-mass index is the main driver of the global obesity epidemic in adults
(2019) *Nature*, 569 (7755), pp. 260-264. Cited 161 times.

Funding details

Prudential
Wellcome Trust
Medical Research Council
Royal Society
Academy of Medical Sciences
Japan Society for the Promotion of Science
Competing interests M.E. reports a charitable grant from the AstraZeneca Young Health Programme, and personal fees from Prudential, Scor and Third Bridge, outside the submitted work. The other authors declare no competing interests.

Manikandan, S., Chidambaram, S., Prasanna, M.V., Ganayat, R.R.

Assessment of heavy metals pollution and stable isotopic signatures in hard rock aquifers of Krishnagiri District, South India

(2019) *Geosciences (Switzerland)*, 9 (5), art. no. 200, . Cited 4 times.

Funding details

Ministry of Environment and Forests

Achilleos, S., Al-Ozairi, E., Alahmad, B., Garshick, E., Neophytou, A.M., Bouhamra, W., Yassin, M.F., Koutrakis, P.

Acute effects of air pollution on mortality: A 17-year analysis in Kuwait

(2019) *Environment International*, 126, pp. 476-483. Cited 21 times.

Funding details

National Institute of Environmental Health Sciences
U.S. Environmental Protection Agency
U.S. Department of Veterans Affairs
Office of Research and Development
European Commission
A.G. Leventis Foundation

Vinoba, M., Navvamani, R., Al-Sheeha, H.

Controllable thermal conversion of thiomolybdate to active few-layer MoS₂ on alumina for efficient hydrodesulfurization

(2019) *SN Applied Sciences*, 1 (4), art. no. 340, . Cited 4 times.

Funding details

Kuwait Institute for Scientific Research

El-Eskandarany, M.S., Al-Ajmi, F., Banyan, M.

Mechanically-induced catalyzation of MgH₂ powders with Zr₂ Ni-ball milling media

(2019) *Catalysts*, 9 (4), art. no. 382, . Cited 5 times.

Funding details

Kuwait Foundation for the Advancement of Sciences
Kuwait Institute for Scientific Research

Khedr, T.M., El-Sheikh, S.M., Ismail, A.A., Kowalska, E., Bahnemann, D.W.

Photodegradation of microcystin-LR using visible light-activated C/N-co-modified mesoporous TiO₂ photocatalyst

(2019) *Materials*, 12 (7), art. no. 1027, . Cited 16 times.

Funding details

Ministry of Higher Education

Al-Muhanna, K., Habib, K.

Nanometer growth of marine bio-films of different metallic alloys in seawater by electrochemical impedance spectroscopy

(2019) *AIP Advances*, 9 (4), art. no. 045026, .

El-Eskandarany, M.S., Banyan, M., Al-Ajmi, F.

Synergistic effect of new ZrNi 5 /Nb 2 O 5 catalytic agent on storage behavior of nanocrystalline MgH 2 powders

(2019) *Catalysts*, 9 (4), art. no. 306, . Cited 6 times.

Funding details

Kuwait Foundation for the Advancement of Sciences

Kuwait Institute for Scientific Research

Sidhu, J.S., Ali, M., Al-Rashdan, A., Ahmed, N.

Onion (Allium cepa L.) is potentially a good source of important antioxidants

(2019) *Journal of Food Science and Technology*, 56 (4), pp. 1811-1819. Cited 7 times.

Funding details

Kuwait University

Karam, Q., Ali, M., Subrahmanyam, M.N.V., Al-Abdul Elah, K., Bentley, M., Beg, M.U.

A comparative study on the effect of dispersed and undispersed Kuwait crude oil on egg hatching and larval survival of Epinephelus coioides

(2019) *Journal of Environmental Biology*, 40 (2), pp. 192-199. Cited 4 times.

Funding details

Kuwait Institute for Scientific Research

Sun, H., Al-Qazweeni, J., Parol, J., Kamal, H., Chen, Z., Büyüköztürk, O.

Computational modeling of a unique tower in Kuwait for structural health monitoring: Numerical investigations

(2019) *Structural Control and Health Monitoring*, 26 (3), art. no. e2317, . Cited 7 times.

Funding details

Kuwait Foundation for the Advancement of Sciences

This project was sponsored by the Kuwait-MIT signature project on Sustainability of Kuwait's Built Environment through the Kuwait Foundation for the Advancement of Sciences.

Ali, N., Teixeira, J.A., Addali, A., Saeed, M., Al-Zubi, F., Sedaghat, A., Bahzad, H.

Deposition of stainless steel thin films: An electron beam physical vapour deposition approach

(2019) *Materials*, 12 (4), art. no. 571, . Cited 8 times.

Funding details

Cranfield University

Kuwait Institute for Scientific Research

Funding: This work was financially supported by the Kuwait Institute for Scientific Research (KISR) and Cranfield University.

Annabi-Trabelsi, N., El-Shabrawy, G., Goher, M.E., Subrahmanyam, M.N.V., Al-Enezi, Y., Ali, M., Ayadi, H., Belmonte, G.

Key drivers for copepod assemblages in a eutrophic coastal brackish lake

(2019) *Water (Switzerland)*, 11 (2), art. no. 363, . Cited 5 times.

Funding details

Università del Salento

Herring, T., Gu, C., Nafi Toksöz, M., Parol, J., Al-Enezi, A., Al-Jeri, F., Al-Qazweeni, J., Kamal, H., Büyüköztürk, O.

GPS measured response of a tall building due to a distant M w 7.3 earthquake

(2019) *Seismological Research Letters*, 90 (1), pp. 49-159. Cited 3 times.

Funding details

National Aeronautics and Space Administration

Kuwait Foundation for the Advancement of Sciences

Bhatt, A., Bhat, N.R., Murru, V., Santo, A.

Eco-physiological studies on desert plants: germination of *Halothamnus iraqensis* Botsch. seeds under different conditions

(2019) *Journal of Arid Land*, 11 (1), pp. 75-85. Cited 3 times.

Funding details

Kuwait Institute for Scientific Research

Saburova, M., Chomérat, N.

Laciniporus arabicus gen. et sp. nov. (Dinophyceae, Peridiniales), a new thecate, marine, sand-dwelling dinoflagellate from the northern Indian Ocean (Arabian Sea) 1

(2019) *Journal of Phycology*, 55 (1), pp. 84-103. Cited 2 times.

Funding details

Institut Français de Recherche pour l'Exploitation de la Mer

We highly appreciate Igor Polikarpov (Kuwait Institute for Scientific Research, Kuwait) valuable help with sampling and kind support during this work. We also thank Mikhail Che-salin (Fisheries Research Center, Salalah, Oman) for help in field sampling and hospitality in Salalah. The authors thank Gwenael Bilien (IFREMER, LER BO, Station de Biologie Marine, Concarneau, France) for her assistance with the molecular work, and Andrey Sazhin (P.P. Shirshov Institute of Oceanology, Moscow, Russia) for providing the optical facilities. We acknowledge the help of Ahlam S. Al-Kadi and Mohammed T. Rajab (Nanoscropy Science Center, Kuwait University, Kuwait) and Viktor Karlov (P.P. Shirshov Institute of Oceanology, Moscow, Russia) for their skilful technical assistance with SEM. Thanks to Jacob Larsen (IOC Science and Communication Centre on Harmful Algae, University of Copenhagen, Denmark) for his comments on an earlier version of the manuscript. We are grateful to anonymous reviewers for their detailed and constructive comments. This study was supported in part by the Foreign Fellow Scientist Program at the French Research Institute for Exploitation of the Sea (IFREMER, LER BO, Station de Biologie Marine, Concarneau, France). The authors declare no conflict of interest.

Al-Hemoud, A., Al-Dousari, A., Misak, R., Al-Sudairawi, M., Naseeb, A., Al-Dashti, H., Al-Dousari, N. Economic impact and risk assessment of sand and dust storms (SDS) on the oil and gas industry in Kuwait

(2019) *Sustainability (Switzerland)*, 11 (1), art. no. 200, . Cited 29 times.

Funding details

Kuwait Foundation for the Advancement of Sciences

Ali, N., Teixeira, J.A., Addali, A.

Aluminium Nanofluids Stability: A Comparison between the Conventional Two-Step Fabrication

Approach and the Controlled Sonication Bath Temperature Method
(2019) *Journal of Nanomaterials*, 2019, art. no. 3930572, . Cited 10 times.

Samuel, J., Al-Enezi, S., Al-Banna, A., Abraham, G.

Homogeneously dispersed carbon nanofiber/high-density polyethylene nanocomposite compatibilized by dilakylimidazolium tetrafluoroborate

(2019) *Journal of Nanomaterials*, 2019, art. no. 8125670, .

El-Eskandarany, M.S., Banyan, M., Al-Ajmi, F.

Environmentally friendly nanocrystalline magnesium hydride decorated with metallic glassy-zirconium palladium nanopowders for fuel cell applications

(2019) *RSC Advances*, 9 (48), pp. 27987-27995. Cited 4 times.

Funding details

Kuwait Foundation for the Advancement of Sciences

Kuwait Institute for Scientific Research

Al-Qassimi, M., Majed Al-Salem, S.

Investigating ozone ambient levels: Case study of the fahaheel urban area, state of Kuwait

(2019) *WIT Transactions on Ecology and the Environment*, 236, pp. 57-65. Cited 1 time.

Funding details

Kuwait Foundation for the Advancement of Sciences

Kuwait Institute for Scientific Research

AlJassar, H.K., Temimi, M., Entekhabi, D., Petrov, P., AlSarraf, H., Kokkalis, P., Roshni, N.

Forward simulation of multi-frequency microwave brightness temperature over desert soils in Kuwait and comparison with satellite observations

(2019) *Remote Sensing*, 11 (14), art. no. 1647, . Cited 5 times.

Funding details

Jet Propulsion Laboratory

Kuwait Foundation for the Advancement of Sciences

Kuwait University

Atitar, M.F., Ismail, A.A., Dillert, R., Bahnemann, D.W.

Photodegradation of herbicide imazapyr and phenol over mesoporous bicrystalline phases TiO₂: A kinetic study

(2019) *Catalysts*, 9 (8), art. no. 640, . Cited 7 times.

Funding details

Alexander von Humboldt-Stiftung

Deutscher Akademischer Austauschdienst

Gottfried Wilhelm Leibniz Universität Hannover

Saint Petersburg State University

Rajendran, S., Srinivasan, R., Dorothy, R., Umasankareswari, T., Hashem, A.A.

Green solution to corrosion problems - At a glance

(2019) *International Journal of Corrosion and Scale Inhibition*, 8 (3), pp. 437-479. Cited 6 times.

Funding details

Writing a review report is not an easy work. It is a difficult one. However this work has been done easily with the help of our Young and Energetic Scientific Team. I had the feeling of walking gently in a flowering garden, taking the gentle hands of the breeze. They readily helped us by allotting time for this work amidst their regular work. The authors are thankful to Prof. S. Christina Joycee and Prof. S. Gowri,

both from St. Antony's College, Dindigul, Prof. S. Devinmeenakshi from NS College, Theni, Prof. S. Syed Abuthaheer, Jamal Mohamed College, Trichy and Prof. N. Karthiga, SBM College of Engineering and Technology, Dindigul.

Ahmed, M.E., Al-Yaseen, R., Mydlarczyk, A., Al-Haddad, A.

Potential use scenarios of hybrid biological reactor for petrochemical industry wastewater treatment

(2019) *International Journal of Environmental Science and Development*, 10 (8), pp. 231-235.

Funding details

Kuwait Foundation for the Advancement of Sciences

Kuwait Institute for Scientific Research

Ahmed, M.E., Mydlarczyk, A., Abusam, A.

Laboratory assessment of GAC-packed IFAS for treatment of primary treated petrochemical wastewater

(2019) *Journal of Environmental Biology*, 40 (3), pp. 460-467. Cited 1 time.

Funding details

Kuwait Institute for Scientific Research

Ahamed, K.R., Farzana, B.A., Diraviam, S.J., Dorothy, R., Rajendran, S., Al-Hashem, A.

Electrochemical characterization of catechol-dimethylamine adduct at different pH values

(2019) *Portugaliae Electrochimica Acta*, 37 (1), pp. 51-70.

Al-Salem, S.M., Al-Nasser, A.Y., Behbehani, M.H., Sultan, H.H., Karam, H.J., Al-Wadi, M.H., Al-Dhafeeri, A.T., Rasheed, Z., Al-Foudaree, M.

Thermal response and degradative reaction study of oxo-biodegradable plastic products exposed to various degradation media

(2019) *International Journal of Polymer Science*, 2019, art. no. 9612813, . Cited 10 times.

Funding details

Kuwait Institute for Scientific Research

El-Eskandarany, M.S., Saeed, M., Al-Nasrallah, E., Al-Ajmi, F., Banyan, M.

Effect of LaNi₃ amorphous alloy nanopowders on the performance and hydrogen storage properties of MgH₂

(2019) *Energies*, 12 (6), art. no. 1005, . Cited 6 times.

Funding details

Kuwait Foundation for the Advancement of Sciences

Kuwait Institute for Scientific Research

Saber, H.H., Maref, W., Hajiah, A.E.

Hygrothermal performance of cool roofs subjected to Saudi climates

(2019) *Frontiers in Energy Research*, 7 (APR), art. no. 39, . Cited 10 times.

Suleiman, M.K., Dixon, K., Commander, L., Nevill, P., Quoreshi, A.M., Bhat, N.R., Manuvel, A.J., Sivadasan, M.T.

Assessment of the diversity of fungal community composition associated with *Vachellia pachyceras* and its Rhizosphere soil from Kuwait desert

(2019) *Frontiers in Microbiology*, 10 (JAN), art. no. 63, . Cited 7 times.

Alomair, A., Alqaheem, Y., Holmes, S.M.

The use of a sucrose precursor to prepare a carbon membrane for the separation of hydrogen from methane

(2019) *RSC Advances*, 9 (19), pp. 10437-10444. Cited 2 times.

Al-Mazeedi, H.A., Al-Farhan, A., Tanoli, N., Abraham, L.

A Study of galvanic corrosion in stagnant ammonium bisulfide solution

(2019) *International Journal of Corrosion*, 2019, art. no. 1325169, .

Funding details

Kuwait Institute for Scientific Research

Al-Salem, S.M., Behbehani, M.H., Karam, H.J., Al-Rowaih, S.F., Asiri, F.M.

On the kinetics of degradation reaction determined post accelerated weathering of polyolefin plastic waste blends

(2019) *International Journal of Environmental Research and Public Health*, 16 (3), art. no. 395, . Cited 3 times.

El-Eskandarany, M.S.

Metallic glassy Ti 2 Ni grain-growth inhibitor powder for enhancing the hydrogenation/dehydrogenation kinetics of MgH 2

(2019) *RSC Advances*, 9 (2), pp. 1036-1046. Cited 12 times.

Funding details

Kuwait Foundation for the Advancement of Sciences

Taher, A.K., Evans, N., Evans, C.E.

The cross-sectional relationships between consumption of takeaway food, eating meals outside the home and diet quality in British adolescents

(2019) *Public Health Nutrition*, 22 (1), pp. 63-73. Cited 12 times.

Publications 2020

Mohamed, R.M., Ismail, A.A., Kadi, M.W., Alresheedi, A.S., Mkhald, I.A.

Facile Synthesis of Mesoporous Ag₂O-ZnO Heterojunctions for Efficient Promotion of Visible Light Photodegradation of Tetracycline

(2020) *ACS Omega*, 5 (51), pp. 33269-33279. Cited 9 times.

Funding details

Deanship of Scientific Research (DSR) at King Abdulaziz University, Jeddah, Saudi Arabia under grant no. KEP-PhD-7-130-41.

Al-Fadhli, J., Al-Samhan, M., Al-Tarkait, F., Al-Attar, F.

Change in the Apparent Order at Different Temperatures and Catalyst Volumes:

Hydrodesulfurization of KEC-AR

(2020) *ACS Omega*, 5 (50), pp. 32564-32572.

Funding details

Kuwait Institute for Scientific Research

Alhalaili, B., Bunk, R.J., Mao, H., Cansizoglu, H., Vidu, R., Woodall, J., Islam, M.S.

Gallium oxide nanowires for UV detection with enhanced growth and material properties
(2020) *Scientific Reports*, 10 (1), art. no. 21434, . Cited 1 time.

Kamoun, O., Gassoumi, A., Kouass, S., Alhalaili, B., Vidu, R., Turki-Kamoun, N.
An investigation on the synthesis of molybdenum oxide and its silica nanoparticle composites for dye degradation
(2020) *Nanomaterials*, 10 (12), art. no. 2409, pp. 1-11.

Funding details

Deanship of Scientific Research-Research Center at King Khalid University in Saudi Arabia, code number: GRP-95-41. This project is carried out under the mobility (MOBI) for doctoral and post-doctoral students (DOC) (MOBIDOC) scheme, funded by the European Union (EU) through the Education, Mobility, Research and Innovation (EMORI) program and managed by the National Agency for the Promotion of Scientific Research (ANPR).

Alhalaili, B., Mao, H., Dryden, D.M., Cansizoglu, H., Bunk, R.J., Vidu, R., Woodall, J., Saif Islam, M.
Influence of silver as a catalyst on the growth of β ga₂O₃ nanowires on gaas
(2020) *Materials*, 13 (23), art. no. 5377, pp. 1-15.

El-Eskandarany, M.S., Al-Salem, S.M., Ali, N., Banyan, M., Al-Ajmi, F., Al-Duweesh, A.

From gangue to the fuel-cells application

(2020) *Scientific Reports*, 10 (1), art. no. 20022, . Cited 3 times.

Funding details

Kuwait Foundation for the Advancement of Sciences (KFAS)
Kuwait Institute for Scientific Research

Almutairi, B., Alam, S., Akyurek, T., Goodwin, C.S., Usman, S.
Experimental evaluation of the deadtime phenomenon for GM detector: deadtime dependence on operating voltages
(2020) *Scientific Reports*, 10 (1), art. no. 19955, . Cited 2 times.

Abbas, N., Ali, A., Kumari, S., Iqbal, A., Husain, A., Saeed, T., AbdulAmer Al-Ballam, Z., Ahmed, N., El-Seedi, H.R., Musharraf, S.G.

Untargeted-metabolomics differentiation between poultry samples slaughtered with and without detaching spinal cord

(2020) *Arabian Journal of Chemistry*, 13 (12), pp. 9081-9089. Cited 1 time.

Funding details

This research work was funded by the Islamic Development Bank.

Al-Khalaifah, H.S., Shahin, S.E., Omar, A.E., Mohammed, H.A., Mahmoud, H.I., Ibrahim, D.
Effects of graded levels of microbial fermented or enzymatically treated dried brewer's grains on growth, digestive and nutrient transporter genes expression and cost effectiveness in broiler chickens

(2020) *BMC Veterinary Research*, 16 (1), art. no. 424, . Cited 3 times.

Tirumalesh, K., Chidambaram, S., Pethaperumal, S., Sundararajan, M., Thilagavathi, R., Thivya, C., Sharma, D.A., Sinha, U.K.

Geochemical and ¹³C trends in sedimentary deposits of coastal Pondicherry region, East coast of India – Insights from a borehole study

(2020) *Chemie der Erde*, 80 (4), art. no. 125553, . Cited 3 times.

Funding details

Authors sincerely acknowledge the support and encouragement by Dr. P.K. Pujari, Associate Director, RC & I Group, Bhabha Atomic Research Centre, Mumbai. Dr. Kallol Swain (Analytical Chemistry Division, BARC), Dr. Kathi Sudarshan and Dr. R. Acharya (Radio Chemistry Division, BARC) are duly acknowledged for their help in Neutron Activation Analysis and calculations. We sincerely acknowledge Dr. A.V. R. Reddy (former Head, Analytical Chemistry Division, BARC) for his valuable suggestions during the preparation of this manuscript. Authors thank Mr. Arzoo Ansari (IRAD, BARC) for his help in preparing 2D section and inset map. Appendix A

Jeon, M.-S., Al-Mutairi, A., Jung, H.-K., Hong, I.-P., An, J.-C., Park, C.I., Kim, D.-W., Jeon, Y., Marafi, A.M., Ma, X., Park, J.-I.

Molecular characteristics of light cycle oil hydrodesulfurization over silica–alumina-supported NiMo catalysts

(2020) *ACS Omega*, 5 (46), pp. 29746-29754.

Funding details

This research was supported by newly appointed professor research fund of Hanbat National University in 2018.

Hafeez, S., Aristodemou, E., Manos, G., Al-Salem, S.M., Constantinou, A.

Modelling of packed bed and coated wall microreactors for methanol steam reforming for hydrogen production

(2020) *RSC Advances*, 10 (68), pp. 41680-41692. Cited 3 times.

Omar, A.E., Al-Khalaifah, H.S., Mohamed, W.A.M., Gharib, H.S.A., Osman, A., Al-Gabri, N.A., Amer, S.A.

Effects of Phenolic-Rich Onion (*Allium cepa L.*) Extract on the Growth Performance, Behavior, Intestinal Histology, Amino Acid Digestibility, Antioxidant Activity, and the Immune Status of Broiler Chickens

(2020) *Frontiers in Veterinary Science*, 7, art. no. 582612, . Cited 6 times.

Funding details

The authors extend their appreciation to Faculty of Veterinary Medicine, Zagazig University, Egypt and the management of Kuwait Institute for Scientific Research (KISR) for their technical and financial support.

Mardones, F.O., Rich, K.M., Boden, L.A., Moreno-Switt, A.I., Caipo, M.L., Zimin-Veselkoff, N., Alateeqi, A.M., Baltenweck, I.

The COVID-19 Pandemic and Global Food Security

(2020) *Frontiers in Veterinary Science*, 7, art. no. 578508, . Cited 5 times.

Funding details

This work was funded in part by the Organisation for Economic Co-operation and Development (OECD) Co-operative Research Programme on Biological Resource Management for Sustainable Agricultural Systems, and National Fund for Scientific and Technological Development of the Government of Chile (FONDECYT), through the grant FONDECYT No1191675, and ANID Millennium Science Initiative/Millennium Initiative for Collaborative Research on Bacterial Resistance, MICROB-R, NCN17_081.

Al-khalaifah, H.S., Badawi, M.E., Abd El-Aziz, R.M., Ali, M.A., Omar, A.E.

Effect of Egyptian Leek Leaf Extract Supplementation on Productive and Economic Performance of Broilers

(2020) *Frontiers in Veterinary Science*, 7, art. no. 584921, .

Funding details

The authors would like to express their sincere gratitude to the staff of the Faculty of Veterinary Medicine, Zagazig University, Egypt, to assist in the completion of this research.

Al-Mutairi, M., Subrahmanyam, M.N.V., Ali, M., Isath, S., AlAwadi, M.A., Kumar, P.N., Al-Hebini, K., Omar, S.A.S.

Temporal variations in abundance and species richness of phytoplankton with emphasis on diatoms in the subtidal waters of Umm Al-Namil Island, north-western Arabian Gulf of the ROPME Sea**Area py**

(2020) *Journal of Environmental Biology*, 41 (6), pp. 1470-1485.

Funding details

Kuwait Foundation for the Advancement of Sciences (KFAS).

Al Salameen, F., Habibi, N., Uddin, S., Al Mataqi, K., Kumar, V., Al Doaij, B., Al Amad, S., Al Ali, E., Shirshikhar, F.

Spatio-temporal variations in bacterial and fungal community associated with dust aerosol in Kuwait

(2020) *PLoS ONE*, 15 (11), art. no. e0241283, . Cited 1 time.

Saeed, M.A., Kinloch, I.A., Derby, B.

Atmospheric pressure catalytic vapor deposition of graphene on liquid sn and cu-sn alloy substrates

(2020) *Nanomaterials*, 10 (11), art. no. 2150, pp. 1-15. Cited 1 time.

Funding details

Kuwait Institute for Scientific Research

Royal Academy of Engineering and Morgan Advanced Materials

Adouane, M., Al-Qattan, A., Alabdulrazzaq, B., Fakhraldeen, A.

Comparative performance evaluation of different photovoltaic modules technologies under Kuwait harsh climatic conditions

(2020) *Energy Reports*, 6, pp. 2689-2696. Cited 1 time.

Funding details,

The authors acknowledge the generous financial support provided by the Kuwait Foundation for the Advancement of Sciences (KFAS) .

Naegele, S.M., McCandless, T.C., Greybush, S.J., Young, G.S., Haupt, S.E., Al-Rasheedi, M.

Climatology of wind variability for the Shagaya region in Kuwait

(2020) *Renewable and Sustainable Energy Reviews*, 133, art. no. 110089, .

Funding details

This material is based upon work supported by the National Center for Atmospheric Research , which is a major facility sponsored by the National Science Foundation under Cooperative Agreement No. 1852977 . Funding for this project was supplied by the Kuwait Institute for Scientific Research under contract number P-KISR-12 . The authors thank Dr. Jared Lee for preparing the maps in Fig. 1 . We also thank Dr. Lee for reviewing an early version of the manuscript.

Inamdar, S., Tinel, L., Chance, R., Carpenter, L.J., Sabu, P., Chacko, R., Tripathy, S.C., Kerkar, A.U., Sinha, A.K., Venkateswaran Bhaskar, P., Sarkar, A., Roy, R., Sherwen, T., Cuevas, C., Saiz-Lopez, A., Ram, K., Mahajan, A.S.

Estimation of reactive inorganic iodine fluxes in the Indian and Southern Ocean marine boundary

layer

(2020) *Atmospheric Chemistry and Physics*, 20 (20), art. no. 623, pp. 12093-12114. Cited 2 times.

Funding details

Acknowledgements. The authors thank the Ministry of Earth Sciences for funding the expeditions and IITM for providing a research fellowship to Swaleha Inamdar. We would particularly like to thank the ISOE and IIOE-2 teams for their tireless contribution to manually recording and compiling atmospheric and oceanic observations during the expedition. We express gratitude to the officers, crew, and scientists on board RV S.A. Agulhas and RV Sagar Kanya for their support.

Al-khalaifah, H.S., Amer, S.A., Al-sadek, D.M.M., Khalil, A.A., Zaki, E.M., El-araby, D.A.

Optimizing the growth, health, reproductive performance, and gonadal histology of broodstock fantail goldfish (*Carassius auratus*, l.) by dietary cacao bean meal

(2020) *Animals*, 10 (10), art. no. 1808, pp. 1-22.

Funding details

Acknowledgments: The authors extend their appreciation to the Faculty of Veterinary Medicine, Zagazig University, Egypt, and the management of the Kuwait Institute for Scientific Research (KISR) for their technical and financial support.

Alhalaili, B., Vidu, R., Mao, H., Islam, M.S.

Comparative study of growth morphologies of Ga₂O₃ nanowires on different substrates

(2020) *Nanomaterials*, 10 (10), art. no. 1920, pp. 1-11.

Alhumaidan, F.S., Rana, M.S., Lababidi, H.M.S., Hauser, A.

Pyrolysis of Asphaltenes Derived from Residual Oils and Their Thermally Treated Pitch

(2020) *ACS Omega*, 5 (38), pp. 24412-24421.

Funding details

The authors express their thanks to the Kuwait Institute for Scientific Research (KISR) for financial support of this work.

Al-Khalaifah, H., Al-Nasser, A., Abdulmalek, N., Al-Mansour, H., Ahmed, A., Ragheb, G.

Impact of SARS-CoV-2 on the Poultry Industry in Kuwait: A Case Study

(2020) *Frontiers in Veterinary Science*, 7, art. no. 577178, . Cited 3 times.

Funding details

The authors would like to extend their sincere thanks to the management of the Kuwait Institute for Scientific Research for its financial and technical support to the current research study.

Salman, A., Al-Hemoud, A., Fakhraldeen, S.A., Al-Nashmi, M., Alfadhli, S.M., Chun, S.

Research and development as a moderating variable for sustainable economic performance: The Asian, European, and Kuwaiti models

(2020) *Sustainability (Switzerland)*, 12 (18), art. no. 7525, . Cited 1 time.

Funding details

This research received no external funding. The Kuwait Institute funded the APC for Scientific Research (KISR).

Funding details

of R&D projects funded by KFAS (2006–2018). Table 6. Kuwait Institute for Scientific Research (KISR) R&D divisions (2008), including the “Environment Table 6. Kuwait Institute for Scientific Research (KISR) R&D divisions (2008), including the “Environment & Urban Development” departments (2013).

Sherif El-Eskandarany, M., Al-Salem, S.M., Ali, N.

Top-down reactive approach for the synthesis of disordered zrn nanocrystalline bulk material from

solid waste

(2020) *Nanomaterials*, 10 (9), art. no. 1826, pp. 1-11. Cited 1 time.

Funding details

Acknowledgments: The financial support received by the Kuwait Government through the Kuwait Institute for Scientific Research for purchasing the equipment used in the present work, using the budget dedicated for the project led by the first author (P-KISR-06-04) of Establishing Nanotechnology Center in KISR is highly appreciated.

Funding details

Funding: This work has been partially funded by the Kuwait Foundation for the Advancement of Sciences (KFAS) related to the Project EA078C under a contract number: PR1814SP12.

Alkhamis, M.A., Al Youha, S., Khajah, M.M., Ben Haider, N., Alhardan, S., Nabeel, A., Al Mazeedi, S., Al-Sabah, S.K.

Spatiotemporal dynamics of the COVID-19 pandemic in the State of Kuwait

(2020) *International Journal of Infectious Diseases*, 98, pp. 153-160. Cited 8 times.

Funding details

This research was funded by the Kuwait Foundation for the Advancement of Science (Project No: 2020/1428).

Taher, A.K., Ensaff, H., Evans, C.E.L.

Cross-sectional associations between lunch-type consumed on a school day and British adolescents' overall diet quality

(2020) *Preventive Medicine Reports*, 19, art. no. 101133, . Cited 1 time.

Funding details

The research was funded by the University of Leeds, UK

Antelava, A., Constantinou, A., Bumajdad, A., Manos, G., Dewil, R., Al-Salem, S.M.

Identification of Commercial Oxo-Biodegradable Plastics: Study of UV Induced Degradation in an Effort to Combat Plastic Waste Accumulation

(2020) *Journal of Polymers and the Environment*, 28 (9), pp. 2364-2376. Cited 5 times.

Funding details

The authors are grateful to the support given to this research work by the Kuwait Institute for Scientific Research (KISR) and Kuwait University (KUniv).

Al-Qassimi, M., Al-Salem, S.M.

Ozone (O₃) ambient levels as a secondary airborne precursor in Fahaheel urban area, the State of Kuwait

(2020) *Atmospheric Science Letters*, 21 (9), art. no. e983, . Cited 2 times.

Funding details

This study was funded by Kuwait Scientific Research Center (KISR) in support to Project EM070G. The authors wish to express their gratitude to the Air Pollution Monitoring Division, Environment Public Authority, Kuwait (EPA) for providing air quality data. The authors also wish to thank the anonymous reviewers for their insightful comments and feedback to this article.

Al-Khalafah, H., Al-Nasser, A.

Dietary Supplementation With Various Fat Oils Affect Phytohemagglutinin Skin Test in Broiler Chickens

(2020) *Frontiers in Immunology*, 11, art. no. 1735, . Cited 2 times.

Sarkar, A., Naqvi, S.W.A., Lavik, G., Pratihary, A., Naik, H., Shirodkar, G., Kuypers, M.M.M.

**Massive Nitrogen Loss Over the Western Indian Continental Shelf During Seasonal Anoxia:
Evidence From Isotope Pairing Technique**

(2020) *Frontiers in Marine Science*, 7, art. no. 678, . Cited 2 times.

Funding details

We thank all the Master and crew of CRV Sagar Sukt and H. Dalvi and A. Methar for extending their assistance in sample collections. We thank Dr. Rakshesh Madhusoodhanan, KISR, Kuwait for support with the statistical analysis. Funding. Financial support for this research was provided by the European Commission through the award of a Marie Curie International Incoming Fellowship to SN to Max-Planck Society, Germany and the SIBER-INDIA program (Ministry of Earth Sciences, India). The Council of Scientific & Industrial Research (India) supported AS and GS through the award of Senior Research Fellowships.

Funding details

Financial support for this research was provided by the European Commission through the award of a Marie Curie International Incoming Fellowship to SN to Max-Planck Society, Germany and the SIBER-INDIA program (Ministry of Earth Sciences, India). The Council of Scientific & Industrial Research (India) supported AS and GS through the award of Senior Research Fellowships.

Alkhalidi, M., Alanjari, N., Neelamani, S.

Wave interaction with single and twin vertical and sloped slotted walls

(2020) *Journal of Marine Science and Engineering*, 8 (8), art. no. 589, .

Funding details

Acknowledgments: The authors would like to thank the College of Graduate Studies, Kuwait University for their financial support and Kuwait Institute for Scientific Research (KISR) for the use of the wave basin facilities, and the technicians of the KISR coastal laboratory for their assistance.

Funding details

Funding: This research was funded by the College of Graduate Studies, Kuwait University. is 0620-215128303.

Al-Khalaifah, H.S., Khalil, A.A., Amer, S.A., Shalaby, S.I., Badr, H.A., Farag, M.F.M., Altohamy, D.E., Abdel Rahman, A.N.

Effects of dietary doum palm fruit powder on growth, antioxidant capacity, immune response, and disease resistance of african catfish, clarias gariepinus (b.)

(2020) *Animals*, 10 (8), art. no. 1407, pp. 1-18. Cited 8 times.

Funding details

Acknowledgments: The authors extend their appreciation to Faculty of Veterinary Medicine, Zagazig University, Egypt and the management of Kuwait Institute for Scientific Research (KISR) for their technical and financial support.

Yahmadi, B., Kamoun, O., Alhalaili, B., Alleg, S., Vidu, R., Turki, N.K.

Physical investigations of (Co, Mn) Co-doped ZnO nanocrystalline films

(2020) *Nanomaterials*, 10 (8), art. no. 1507, pp. 1-13. Cited 2 times.

El-Eskandarany, M.S., Ali, N.

Mechanically-induced solid-state reaction for fabrication of soft magnetic (Co₇₅Ti₂₅)_{100-x}B_x(x: 2, 5, 10, 15, 20, 25 at%) metallic glassy nanopowders

(2020) *Molecules*, 25 (15), art. no. 3338, .

Funding details

Acknowledgments: The financial support received by the Kuwait Government through the Kuwait Institute for Scientific Research for purchasing the equipment used in the present work, using the budget dedicated for the project led by the first author (P-KISR-06-04) of Establishing Nanotechnology Center in

KISR is highly appreciated.

Funding details

This work has been partially funded by the Kuwait Foundation for the Advancement of Sciences (KFAS) related to the Project EA078C under a contract number: PR1814SP12.

Saadalla, H., Abdel-aal, A.-A.K., Mohamed, A., El-Faragawy, K.

Characteristics of Earthquakes Recorded Around the High Dam Lake with Comparison to Natural Earthquakes Using Waveform Inversion and Source Spectra

(2020) *Pure and Applied Geophysics*, 177 (8), pp. 3667-3695. Cited 2 times.

Funding details

We humbly extend our appreciation to our organization, the Aswan Earthquake Research Center, National Research Institute of Astronomy and Geophysics (NRIAG), for providing us with the earthquake data used in this study. The authors would like to sincerely express their deepest gratitude to Professor Robert B. Herman (Reinert Professor of natural sciences, Department of Earth and Atmospheric Sciences, Saint Louis University) for providing us with Computer Program in Seismology (CPS.330), his help, his support, his explanations, and his guidance. We would like to extend our heartfelt thanks to Dr. Hesham Mousa (Associate Professor of seismology at NRIAG) for his help in the revision of the manuscript and constructive comments. Our appreciation goes to our colleagues from our organization, who have contributed somehow, whether in data compilation, sharing, or discussion methods. We wish to thank Editor Dr. Fabio Romanelli and anonymous reviewers for their constructive comments and reviews.

Tripathy, S.C., Sabu, P., Patra, S., Naik, R.K., Sarkar, A., Venkataramana, V., Kerkar, A.U., Sudarsanarao, P.

Biophysical Control on Variability in Phytoplankton Production and Composition in the South-Western Tropical Indian Ocean During Monsoon 2014

(2020) *Frontiers in Marine Science*, 7, art. no. 515, . Cited 1 time.

Funding details

The authors are thankful to the Director, NCPOR and Group Director, Ocean Sciences Group for their constant encouragement and support. Exemplary assistance from the Captain, officers, and all crew members onboard ORV-Sagar Nidhi is sincerely acknowledged. This is NCPOR contribution number J-13/2020-21. Funding. Financial assistance from the Ministry of Earth Sciences, Government of India is highly acknowledged.

Tushar, M.S.H.K., Dimaria, P.C., Al-Salem, S.M., Dutta, A., Xu, C.C.

Biohydrogen Production by Catalytic Supercritical Water Gasification: A Comparative Study

(2020) *ACS Omega*, 5 (25), pp. 15390-15401. Cited 3 times.

Funding details

The authors gratefully acknowledge the funding from NSERC [Discovery Grant Program (400495)]. The authors also acknowledge the BET analyses by Dr. Jay Leitch, Nanoscience Laboratory Technician; TEM analysis by Robert (Bob) Harris, manager, Microscopy Imaging Facility and the GC-MS analyses by Dr. Dyanne Brewer, Manager, Mass Spectrometry Facility, Associate Graduate Faculty, Advanced Analysis Centre; the XRD analyses by Dr. Lawrence Margulies, Post-Doctoral Fellow, Department of Physics, University of Guelph, ON. The authors show their heartfelt gratitude for XPS analyses by Dr. Mark C. Biesinger, Manager, Research and Business Development, Surface Science Western, Western University.

Hafeez, S., Aristodemou, E., Manos, G., Al-Salem, S.M., Constantinou, A.

Computational fluid dynamics (CFD) and reaction modelling study of bio-oil catalytic hydrodeoxygenation in microreactors

(2020) *Reaction Chemistry and Engineering*, 5 (6), pp. 1083-1092. Cited 3 times.

Samara, F., Solovieva, N., Ghalayini, T., Nasrallah, Z.A., Saburova, M.

Assessment of the environmental status of the mangrove ecosystem in the United Arab Emirates
(2020) *Water (Switzerland)*, 12 (6), art. no. 1623, . Cited 2 times.

Funding details

This research was funded by American University of Sharjah, grant number FRG17-R-18. The work in this paper was supported, in part, by the Open Access Program from the American University of Sharjah.

El-Eskandarany, M.S., Ali, N., Al-Salem, S.M.

Solid-state conversion of magnesium waste to advanced hydrogen-storage nanopowder particles
(2020) *Nanomaterials*, 10 (6), art. no. 1037, . Cited 2 times.

Funding details

Acknowledgments: The financial support received by the Kuwait Government through the Kuwait Institute for Scientific Research for purchasing the equipment used in the present work, using the budget dedicated to the project led by the first author (P-KISR-06-04) of Establishing Nanotechnology Center in KISR is highly appreciated.

Funding details

This work has been partially funded by the Kuwait Foundation for the Advancement of Sciences (KFAS) related to the Project EA078C under a contract number: PR1814SP12.

Burezq, H.A., Khalil, F., Dashti, J., Essawi, A., Al-Thefeeri, F., Farouq, M.

Controlling lambs mortality through ewes' vaccination in the farms of Kuwait
(2020) *Journal of Animal and Plant Sciences*, 30 (3), pp. 595-602.

Funding details

Acknowledgements: The project team members wish to express their appreciation to the managements of Kuwait Foundation for the Advancement of Sciences (KFAS), and Kuwait Institute for Scientific Research (KISR) for funding the study. The appreciation is also extended to Public Authority of Agricultural Affairs and Fish Resources (PAAFR) for cooperation and In ? kind contribution. Special thanks are extended to Dr. Abdul Rahman Al-Kanderi, Dr. Yousif Al-Shereeda, Ms. Maha Al-batel, and Mr. Khalid Al-Mutawa ? faor their help in the laboratory and fieldwork.

Funding details

The project team members wish to express their appreciation to the managements of Kuwait Foundation for the Advancement of Sciences (KFAS), and Kuwait Institute for Scientific Research (KISR) for funding the study. The appreciation is also extended to Public Authority of Agricultural Affairs and Fish Resources (PAAFR) for cooperation and In?kind contribution. Special thanks are extended to Dr. Abdul Rahman Al-Kanderi, Dr. Yousif Al-Shereeda, Ms. Maha Al-batel, and Mr. Khalid Al-Mutawa?a for their help in the laboratory and fieldwork.

Burezq, H.

Combating wind erosion through soil stabilization under simulated wind flow condition – Case of Kuwait

(2020) *International Soil and Water Conservation Research*, 8 (2), pp. 154-163.

Funding details

The author wishes to express her appreciation to Kuwait Foundation for the Advancement of Sciences (KFAS) , Kuwait United Poultry Company (KUPCO) , and Kuwait Institute for Scientific Research (KISR) for funding the study (grant number FA159C). The appreciation will also be extended to the staff of soil laboratory for their help to carry out soil erosion tests in the laboratory.

Al-Samhan, M., Alanezi, K., Al-Fadhli, J., Al-Attar, F., Mukadam, S., George, J.

Evaluating scale deposition and scale tendency of effluent water mix with seawater for compatible

injection water

(2020) *Journal of Petroleum Exploration and Production Technology*, 10 (5), pp. 2105-2111. Cited 2 times.

Aliwei, A., Al-Enezi, H., Al-Maheimid, I., Al-Kandari, J., Al-Haddad, A., Al-Qallaf, H., Rashid, T., Sadeqi, D.

Sustainability of brackish groundwater utilization from the Eocene Aquifer for oil exploration operations in central Kuwait

(2020) *Environment, Development and Sustainability*, 22 (5), pp. 4639-4653. Cited 1 time.

Funding details

The authors would like to express their appreciation to the KOC for funding this study (WM055C). The unlimited support and encouragement of the Water Research Center (WRC) of the Kuwait Institute for Scientific Research (KISR) management was pivotal in carrying out this study.

Funding details

The authors would like to express their appreciation to the KOC for funding this study (WM055C). The unlimited support and encouragement of the Water Research Center (WRC) of the Kuwait Institute for Scientific Research (KISR) management was pivotal in carrying out this study.

Alahmad, B., Tomasso, L.P., Al-Hemoud, A., James, P., Koutrakis, P.

Spatial distribution of land surface temperatures in Kuwait: Urban heat and cool Islands

(2020) *International Journal of Environmental Research and Public Health*, 17 (9), art. no. 2993, . Cited 5 times.

Funding details

Acknowledgement: This publication was made possible by USEPA grant RD-835872. Its contents are solely the responsibility of the grantee and do not necessarily represent the official views of the USEPA. Further, USEPA does not endorse the purchase of any commercial products or services mentioned in the publication.

El-Eskandarany, M.S., Ali, N., Saeed, M.

Glass-forming ability and soft magnetic properties of (Co₇₅Ti₂₅)_{100-x}Fex (x; 0–20 At.%) systems fabricated by sps of mechanically alloyed nanopowders

(2020) *Nanomaterials*, 10 (5), art. no. 849, . Cited 3 times.

Funding details

Acknowledgments: The financial support received by the Kuwait Government through the Kuwait Institute for Scientific Research for purchasing the equipment used in the present work, using the budget dedicated for the project led by the first author (P-KISR-06-04) of Establishing Nanotechnology Center in KISR is highly appreciated.

Funding details

Funding: This work has been partially funded by the Kuwait Foundation for the Advancement of Sciences (KFAS) related to the Project EA078C under a contract number: PR1814SP12.

AlHumaidan, F.S., Rana, M.S., Tanoli, N.J., Lababidi, H.M.S., Al-Najdi, N.A.

Changes in asphaltene surface topography with thermal treatment

(2020) *Arabian Journal of Chemistry*, 13 (5), pp. 5377-5389. Cited 5 times.

Funding details

The authors acknowledge the help taken from Prof. Abdulmajeed Safar, the director of electron microscopy, Kuwait University, and Mr. Mohammad Rajab for their support in conducting the TEM analysis.

Li, J., Garshick, E., Al-Hemoud, A., Huang, S., Koutrakis, P.

Impacts of meteorology and vegetation on surface dust concentrations in Middle Eastern countries
(2020) *Science of the Total Environment*, 712, art. no. 136597, . Cited 12 times.

Funding details

This work was supported by the VA Cooperative Studies Program # 595 : Respiratory Health and Deployment to Iraq and Afghanistan, from the U.S. Department of Veterans Affairs , Office of Research and Development , Clinical Science Research and Development , Cooperative Studies Program . The contents do not represent the views of the U.S. Department of Veterans Affairs or the United States Government. This publication was also made possible by U.S. Environmental Protection Agency (EPA) grant RD-835872 . Its contents are solely the responsibility of the grantee and do not necessarily represent the official views of the EPA or the U.S. Government. The authors appreciate Dr. Jack M. Wolfson for proofreading the article. Appendix A

Funding details

This work was supported by the VA Cooperative Studies Program #595: Respiratory Health and Deployment to Iraq and Afghanistan, from the U.S. Department of Veterans Affairs, Office of Research and Development, Clinical Science Research and Development, Cooperative Studies Program. The contents do not represent the views of the U.S. Department of Veterans Affairs or the United States Government. This publication was also made possible by U.S. Environmental Protection Agency (EPA) grant RD-835872. Its contents are solely the responsibility of the grantee and do not necessarily represent the official views of the EPA or the U.S. Government. The authors appreciate Dr. Jack M. Wolfson for proofreading the article.

Losada Ros, M.T., Al-Enezi, E., Cesarini, E., Canonico, B., Bucci, C., Martins, M.V.A., Papa, S., Frontalini, F.

Assessing the cadmium effects on the benthic foraminifer Ammonia cf. parkinsoniana: An acute toxicity test

(2020) *Water (Switzerland)*, 12 (4), art. no. 1018, . Cited 4 times.

Funding details

Funding: This research was funded by the Kuwait Institute for Scientific Research, grant number EM084K. The APC was funded by the Kuwait Institute for Scientific Research.

Al-Enezi, E., Khader, S., Balassi, E., Frontalini, F.

Modern Benthic foraminiferal diversity: An initial insight into the total foraminiferal diversity along the Kuwait Coastal Water

(2020) *Diversity*, 12 (4), art. no. 142, . Cited 4 times.

Funding details

This research was funded by the Kuwait Foundation for the Advancement of Sciences and the Kuwait Institute for Scientific Research, grant number EM084K. The APC was funded by the Kuwait Institute for Scientific Research. The authors are very grateful to Kuwait Institute for Scientific Research for the research support. The authors are also very grateful to four anonymous reviewers for their thoughtful and valuable comments that have greatly improved the paper. Authors thank Mohamed Ibrahim (Alexandria University, Egypt) for supervising a partial work in this paper.

Funding details

Funding: This research was funded by the Kuwait Foundation for the Advancement of Sciences and the Kuwait Institute for Scientific Research, grant number EM084K. The APC was funded by the Kuwait Institute for Scientific Research.

So, S., Valle-Levinson, A., Laurel-Castillo, J.A., Ahn, J., Al-Khaldi, M.

Removing wave bias from velocity measurements for tracer transport: The harmonic analysis

approach

(2020) *Water (Switzerland)*, 12 (4), art. no. 1138, . Cited 1 time.

Funding details

Acknowledgments: We appreciate the efforts by Z. Biesinger and W. Lindberg in the instrument deployments and retrievals. This research was made possible in part by a grant from The Gulf of Mexico Research Initiative. AVL acknowledges support from NSF project OCE-1332718.

Al-Salem, S.M., Yang, Y., Wang, J., Leeke, G.A.

Pyro-oil and wax recovery from reclaimed plastic waste in a continuous Auger pyrolysis reactor

(2020) *Energies*, 13 (8), art. no. 2040, . Cited 4 times.

Funding details

The authors would like to thank the Kuwait Institute for Scientific Research (KISR) and the British Council/UK-Gulf Institutional Links for funding and supporting this research project (EM103C) through Grant #2793-5936-4. We would like to thank Kuwait Municipality (KM) for their support towards the field work activities reported in this article. The authors would like to thank the three reviewers to this article for their immense help and input to the article by providing comments that we believe have enriched the article's content.

Funding details

Funding: The authors would like to thank the Kuwait Institute for Scientific Research (KISR) and the British Council/UK-Gulf Institutional Links for funding and supporting this research project (EM103C) through Grant #2793-5936-4.

Haupt, S.E., McCandless, T.C., Dettling, S., Alessandrini, S., Lee, J.A., Linden, S., Petzke, W., Brummet, T., Nguyen, N., Kosović, B., Wiener, G., Hussain, T., Al-Rasheedi, M.

Combining artificial intelligence with physics-based methods for probabilistic renewable energy forecasting

(2020) *Energies*, 13 (8), art. no. 1979, . Cited 5 times.

Funding details

Funding: This material is based upon work performed by the National Center for Atmospheric Research, which is a major facility sponsored by the National Science Foundation under Cooperative Agreement No. 1852977. Funding for this project was supplied by the Kuwait Institute for Scientific Research under contract number P-KISR-12.

Funding details

The authors would like to thank the many colleagues at NCAR who are collaborating on building the Kuwait Renewable Energy Prediction System. Alaa Ismail of KISR and staff at Kuwait's National Control Center provided valuable feedback on the operator display design and configuration. The authors also thank Majed Al-Rasheedi of the Kuwait Institute for Scientific Research who oversees this project. Data from the Shagaya Renewable Energy Park have been provided by Elecnor (historical wind farm and met mast data), Siemens-Gamesa (real-time wind farm data), Green Power Monitor (real-time PV farm data), and KISR (historical PV farm data and other general data).

Alajmi, T., Phelan, P.

Modeling and forecasting end-use energy consumption for residential buildings in Kuwait using a bottom-up approach

(2020) *Energies*, 13 (8), art. no. 1981, . Cited 3 times.

Sherif El-Eskandarany, M., Ali, N.

Synthesizing of novel bulk (Zr₆₇Cu₃₃)_{100-x}W_x(X; 5–30 at%) glassy alloys by spark plasma sintering of mechanically alloyed powders

(2020) *Molecules*, 25 (8), art. no. 25081906, .

Funding details

Funding: This work has been partially funded by the Kuwait Foundation for the Advancement of Sciences (KIAS) related to the Project EA078 under contract number: PR1814SP12.

Alqaheem, Y., Alomair, A.A.

Minimizing Solvent Toxicity in Preparation of Polymeric Membranes for Gas Separation

(2020) *ACS Omega*, 5 (12), pp. 6330-6335. Cited 2 times.

Vinoba, M., Navvamani, R., Al-Sheeha, H.

Epitaxial synthesis of Ni-MoS₂/Ti₃C₂T: X MXene heterostructures for hydrodesulfurization

(2020) *RSC Advances*, 10 (21), pp. 12308-12317. Cited 1 time.

Funding details

This work was supported through the Petroleum Research Center funded by the Kuwait Institute for Scientific Research (KISR).

Attia, Y.A., Al-Khalaifah, H., Abd El-Hamid, H.S., Al-Harthi, M.A., El-shafey, A.A.

Effect of Different Levels of Multienzymes on Immune Response, Blood Hematology and Biochemistry, Antioxidants Status and Organs Histology of Broiler Chicks Fed Standard and Low-Density Diets

(2020) *Frontiers in Veterinary Science*, 6, art. no. 510, . Cited 13 times.

Funding details

This article was funded by the Deanship of Scientific Research (DSR), King Abdulaziz University, Jeddah; the authors, therefore, acknowledge with thanks DSR technical and financial support.

Funding details

The authors extended their appreciation to the management of Kuwait Institute for Scientific Research (KISR) for kind help and support. Funding. This article was funded by the Deanship of Scientific Research (DSR), King Abdulaziz University, Jeddah; the authors, therefore, acknowledge with thanks DSR technical and financial support.

Al-Rabiah, H., Al-Ostad, L., Al-Shamary, T., Al-Hendi, A., Al-Henayyan, H., Khazemi, R.

Sulfur speciation of Kuwaiti crude oils fractions using two-dimensional gas chromatography

(2020) *Arabian Journal of Chemistry*, 13 (2), pp. 3615-3623. Cited 4 times.

Ahmed, J., Thomas, L.

Changes in structural, functional and antioxidant properties induced by high pressure on quinoa flour

(2020) *Journal of Food Measurement and Characterization*, 14 (1), pp. 401-410.

Bhatt, A., Bhat, N.R., Al-Nasser, A., Carón, M.M., Santo, A.

Inter-population variabilities in seed mass and germination of *Panicum turgidum* and *Pennisetum divisum* on the desert of Kuwait

(2020) *Journal of Arid Land*, 12 (1), pp. 144-153. Cited 3 times.

Funding details

This work was supported by the Kuwait Institute for Scientific Research (KISR). We would also like to thank Dr. Ashok Kumar ALVA and Dr. Samuel C ALLEN for the linguistic revision of the manuscript.

Al-Hameedi, A.T.T., Alkinani, H.H., Dunn-Norman, S., Al-Alwani, M.A., Al-Bazzaz, W.H., Alshammari, A.F., Albazzaz, H.W., Mutar, R.A.

Experimental investigation of bio-enhancer drilling fluid additive: Can palm tree leaves be utilized

as a supportive eco-friendly additive in water-based drilling fluid system?

(2020) *Journal of Petroleum Exploration and Production Technology*, 10 (2), pp. 595-603. Cited 8 times.

Alsaba, M., Al Marshad, A., Abbas, A., Abdulkareem, T., Al-Shammary, A., Al-Ajmi, M., Kebeish, E.
Laboratory evaluation to assess the effectiveness of inhibitive nano-water-based drilling fluids for Zubair shale formation

(2020) *Journal of Petroleum Exploration and Production Technology*, 10 (2), pp. 419-428. Cited 9 times.

Funding details

The authors would like to acknowledge the Australian College of Kuwait for their continuous help and support. Special thanks to Basrah Oil Company in Iraq for their help in providing the core samples as well as their permission to publish the results. Many thanks to the Kuwait Institute for Scientific Research (KISR) for providing the facilities and guidance to do this work. Special thanks to Eng. Hussain Jam for his help in the laboratory.

Al-Hameedi, A.T.T., Alkinani, H.H., Dunn-Norman, S., Al-Alwani, M.A., Alshammari, A.F., Alkhamis, M.M., Mutar, R.A., Al-Bazzaz, W.H.

Experimental investigation of environmentally friendly drilling fluid additives (mandarin peels powder) to substitute the conventional chemicals used in water-based drilling fluid

(2020) *Journal of Petroleum Exploration and Production Technology*, 10 (2), pp. 407-417. Cited 19 times.

Aldughpassi, A., Zafar, T., Sidhu, J.S., Al-Hassawi, F., Abdullah, M.M., Al-Othman, A.

Effect of Psyllium Husk, Bran, and Raw Wheat Germ Addition on the Rheological Characteristics of Arabic (Pita) Bread Dough

(2020) *International Journal of Food Science*, 2020, art. no. 8867402, . Cited 1 time.

Zafar, T.A., Aldughpassi, A., Al-Mussallam, A., Al-Othman, A.

Microstructure of Whole Wheat versus White Flour and Wheat-Chickpea Flour Blends and Dough: Impact on the Glycemic Response of Pan Bread

(2020) *International Journal of Food Science*, 2020, art. no. 8834960, . Cited 1 time.

Baby, A.G., Rajendran, S., Johnsirani, V., Al-Hashem, A., Karthiga, N., Nivetha, P.

Influence of zinc sulphate on the corrosion resistance of 180 alloy immersed in sea water in the absence and presence of sodium potassium tartrate and trisodium citrate

(2020) *International Journal of Corrosion and Scale Inhibition*, 9 (3), pp. 979-999. Cited 1 time.

Ok, S., Sheets, J., Welch, S., Liu, T., Kaya, S., Cole, D.R.

Wetting behaviors of fluoroterpolymer fiber films

(2020) *E-Polymers*, 20 (1), pp. 393-410. Cited 1 time.

Funding details

We thank Dyneon, a 3M company, for the THV sample. We are also thankful to Derek Miller for his help with the contact angle measurements at the Materials Science and Engineering Department, The Ohio State University. The SEM instrument at the Subsurface Energy Materials Characterization & Analysis Laboratory (SEMCAL) at The Ohio State University was utilized, and therefore SEMCAL is gratefully acknowledged. SO, TL and DRC received support from the US Department of Energy, Office of Basic Energy Sciences, Division of Chemical Sciences, Geosciences and Biosciences under grant DESC0006878.

Funding details

We thank Dyneon, a 3M company, for the THV sample. We are also thankful to Derek Miller for his help with the contact angle measurements at the Materials Science and Engineering Department, The Ohio

State University. The SEM instrument at the Subsurface Energy Materials Characterization & Analysis Laboratory (SEMCAL) at The Ohio State University was utilized, and therefore SEMCAL is gratefully acknowledged. SO, TL and DRC received support from the US Department of Energy, Office of Basic Energy Sciences, Division of Chemical Sciences, Geosciences and Biosciences under grant DE-SC0006878.

Al Ghurair, N., Alnaqi, G.

Schemes of eStories for Children with Social Communication Difficulties

(2020) *Advances in Human-Computer Interaction*, 2020, art. no. 9530218, .

Funding details

The authors gratefully acknowledge the SLPs of Kuwait Physical Medicine and Rehabilitation Hospital (KPMRH) for supporting the development of the app. The authors would also like to thank and acknowledge the management and SLPs of Al-Nibras School for Special Needs for their help and enormous support in conducting the usability study. Their feedback and input were highly appreciated. The authors salute the SLPs at the Al-Nibras School for their teamwork, commitment, professionalism, and dedication. It was only because of their help that the authors were able to refine the applications to the actual needs of children with communication difficulties. The authors would like to express their sincere gratitude to the Kuwait Foundation for the Advancement of Sciences (KFAS) project number P116-13MC-12 for their financial support and the support of the Kuwait Institute for Scientific Research (KISR) on the implementation of this study under the project SD002C.

Salman, A., Fakhraldeen, S.A., Chun, S., Jamil, K., Gasana, J., Al-Hunayan, A.

Enhancing research and development in the health sciences as a strategy to establish a knowledge-based economy in the state of kuwait: A call for action

(2020) *Healthcare (Switzerland)*, 8 (3), art. no. 264, . Cited 3 times.

Baby, A.G., Rajendran, S., Johnsirani, V., Al-Hashem, A.

Influence of zinc sulphate on the corrosion resistance of 180 alloy immersed in sea water in the absence and presence of sodium potassium tartrate and trisodium citrate

(2020) *Portugaliae Electrochimica Acta*, 38 (6), pp. 401-414.

Funding details

The authors are thankful to their respective managements for their help and encouragements. Special thanks are due to the Congregation of The Immaculate Conception (CIC), Rev. Sr. Gnana Sundari, Provincial, Madurai Province of CIC, Rev. Sr. M Margaret Inbaseeli, the Secretary and Rev. Sr. Mary Pramila Shanthi, the Principal, St Antony's College of Arts and Science for Women, Dindigul-624005, India.

Abusam, A., Abusam, R., Al-Anzi, B.

Adequacy of Logistic models for describing the dynamics of COVID-19 pandemic

(2020) *Infectious Disease Modelling*, 5, pp. 536-542. Cited 2 times.

Alshemmar, H., Talebi, L., Subrahmanyam, M.N.V.

Speciation of heavy metals and their distribution in surface sediments of the northwestern part of the ROPME Sea Area

(2020) *Journal of Environmental Biology*, 41 (1), pp. 101-110.

Funding details

The authors would like to express their sincere gratitude to the Kuwait Foundation for the Advancement of Sciences (KFAS) for their financial support and to Kuwait Institute for Scientific Research (KISR) for their support and interest in this project.

Rivera-Rivera, D.M., Escobedo-Urías, D.C., Jonathan, M.P., Sujitha, S.B., Chidambaram, S.
Evidence of natural and anthropogenic impacts on rainwater trace metal geochemistry in central Mexico: A statistical approach

(2020) *Water (Switzerland)*, 12 (1), art. no. 192, . Cited 4 times.

Funding details

Acknowledgments: D.M.R.-R. thanks CONACyT for the research fellowship. D.C.E.-U., M.P.J. and S.B.S. thank the Sistema Nacional de Investigadores (SNI), CONACyT, México. D.C.E.-U. and M.P.J. wishes to express their gratitude to IPN (COFAA, EDI) Mexico. This work is dedicated to (Late) C. Unnikrishnan Warrier, Senior Scientist, Center for Water Resources Development and Management (CWRDM), Kerala, India who passed away initiating the collaborative research work in Mexico. This article is 105th contribution (partial) from Earth System Science Group (ESSG), Chennai, India.

Funding details

This research received no external funding. D.M.R.-R. thanks CONACyT for the research fellowship. D.C.E.-U., M.P.J. and S.B.S. thank the Sistema Nacional de Investigadores (SNI), CONACyT, México. D.C.E.-U. and M.P.J. wishes to express their gratitude to IPN (COFAA, EDI) Mexico. This work is dedicated to (Late) C. Unnikrishnan Warrier, Senior Scientist, Center for Water Resources Development and Management (CWRDM), Kerala, India who passed away initiating the collaborative research work in Mexico. This article is 105th contribution (partial) from Earth System Science Group (ESSG), Chennai, India.

Bhatt, A., Gairola, S., Carón, M.M., Santo, A., Murru, V., El-Keblawy, A., Mahmoud, T.
Effects of light, temperature, salinity, and maternal habitat on seed germination of aeluropus lagopoides (Poaceae): An economically important halophyte of arid Arabian deserts

(2020) *Botany*, 98 (2), pp. 117-125. Cited 9 times.

Al Salameen, F., Habibi, N., Al Amad, S., Kumar, V., Dashti, J., Talebi, L., Al Doaij, B.
Genetic diversity analysis of Rhanterium eppaposum Oliv. by ISSRs reveals a weak population structure

(2020) *Current Plant Biology*, 21, art. no. 100138, . Cited 3 times.

Funding details

The authors are thankful to Kuwait Foundation for Advancement of Sciences (KFAS Grant No. P214-42SL-02) for providing financial support. The authors thank Prof. Ismail Dweikat from, Dept. of Agronomy and Horticulture, University of Nebraska-Lincoln for his technical guidance in the fulfilment of this study.

Al-Khalaifah, H., Al-Nasser, A., Givens, D.I., Rymer, C., Yaqoob, P.
Comparison of different dietary sources of n-3 polyunsaturated fatty acids on immune response in broiler chickens

(2020) *Heliyon*, 6 (1), art. no. e03326, Cited 9 times.

Copyright © 2021 Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.