

**Kuwait Institute for Scientific Research**

**National Scientific and Technical Information Center (NSTIC)**

**Scientific Papers Published (JCR & Scimago Rank) October – December 2020**

**April 2021**

## **Table of Content**

Introduction .....	3
Findings .....	4
Scientific Papers Published during October – December 2020.....	6
Table 1: Total KISR Scientific Papers Published during October – December 2020.....	4
Figure 1: Total KISR Scientific Papers Published during October – December 2020 .....	5

## **Introduction:**

Science and Technology Publishing Program (STPP) team at the National Scientific & Technical Information Center (NSTIC) received the list of scientific papers published during the period October – December 2020 from Project Management Office (PMO) for the following scientific research centers:

- ✍ Water Research Center (WRC)
- ✍ Energy & Building Research Center (EBRC)
- ✍ Petroleum Research Center (PRC)
- ✍ Environment & Life Sciences Research Center (ELSRC)
- ✍ Techno-Economics Division (TED)

The team utilized the Journal Citation Reports (JCR) and Scimago Journal Ranking (SJR) as journal evaluation tools and verified all scientific papers and journals' rankings received from Project Management Office (PMO).

This report explains and analyzes these publications for the period October – December 2020 for all the above-mentioned Scientific Research Centers/ Divisions/Departments. The data is illustrated by table & figure.

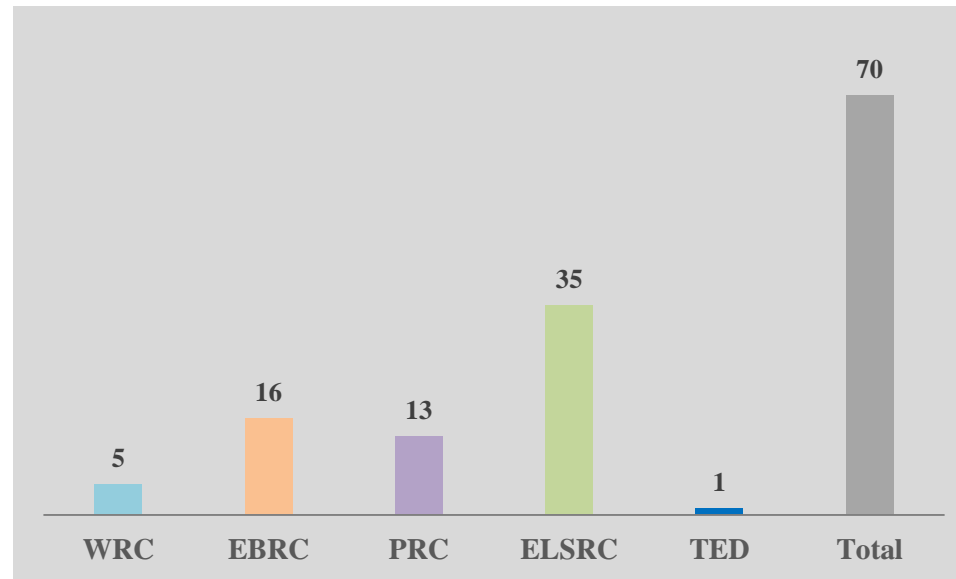
**Findings:**

The Scientific Research Centers/Divisions/Departments at Kuwait Institute for Scientific Research (KISR) published **70** scientific papers during October – December 2020 (table1), (Figure1), illustrated as follows:

✦ **69** scientific papers were published in **53** journals that have ranking quartiles:

Center / Division/ Department	Oct. – Dec. 2020
WRC	5
EBRC	16
PRC	13
ELSRC	35
TED	1
<b>Total</b>	<b>70</b>

**Table 1:** Total KISR Scientific Papers Published during October– December 2020



**Figure 1:** Total KISR Scientific Papers Published during October – December 2020

## Scientific Papers Published during October – December 2020

The following detailed table demonstrates the scientific papers Published in October – December 2020 including information related to paper title, KISR No., author name, journal title, ISSN, Journal quartile ranking for every subject category, and publication' month/year per each Research Center/ Division/ Department:

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
1	Tracing the evolution of acidic hypersaline coastal groundwater in Kuwait	16206	S. Chidambaram, H. Bhandary, A. Al-Khalid	Arabian Journal of Geosciences	18667538				Geosciences, Multidisciplinary	Q2	Oct-20	WRC
2	Assessment of the effect of extreme rainfall events on temporal rainfall variability in Kuwait	16227	H. Al-Qallaf, A. Aliewi, A. Abdulhadi	Arabian Journal of Geosciences	18667538				Geosciences, Multidisciplinary	Q2	Oct-20	WRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
3	Reverse osmosis brine concentration using falling film freeze crystallisation technology: a pilot-scale study	16263	M. Ahmed, D.L. Oatley-Radcliffe, P.M. Williams	Desalination and Water Treatment	19443994				Engineering, Chemical Water Resources	Q2	Nov-20	WRC
4	Trace Elements and Their Variation with pH in Rain Water in Arid Environment	16265	Dhanu Radha Samayamantula, Chidambaram Sabarathinam Norah A. Alayyadhi	Archives of Environmental Contamination and Toxicology	14320703			Environmental Sciences, Toxicology		Q2	Nov-20	WRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
5	Development of carbon nanotube membranes for dissolved gases removal as seawater pretreatment	16325	B. Garudachari A.AL-Odwani, R.Kumar, M.AL-Tabtabaei, Y. AL-Foudari	Desalination and Water Treatment	19443994				Engineering, Chemical Water Resources	Q2	Dec.20	WRC
6	Physical investigations of (CO, Mn) CO – Doped ZnO Nanocrystalline Films	16207	B. Yahmadi, O. Kmoun, B. Alhalaili, S. Alleg, R. Vidu, N.K. Turki	Nanomaterials	20794991		Nanoscience & Nanotechnology Materials Science & Multidisciplinary			Q1	Jul-20	EBRC



No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
7	Mechanically-Induced Solid-State Reaction for Fabrication of Soft Magnetic (Co 75 Ti 25) 100-x B x (x: 2, 5, 10, 15, 20, 25 at%) Metallic Glassy Nanopowders	16238	M.S. EL-Eskandarany, N. Ali	Molecules	14203049		Biochemistry, Molecular Biology  Chemistry, Multidisciplinary			Q1	Jul-20	EBRC
8	Strategic decision making architectural framework for assessing energy efficiency policies and its implications in transportation	16178	Sreekanth K.J, R. Al-Foraih, S. Al-Kandari, S. Al-Osimi	International Journal of Renewable Energy Research-IJREER	13090127	NR	NR	NR	NR	Q3	Sep-20	EBRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
9	Comparative study of growth morphologies of Ga <sub>2</sub> O <sub>3</sub> nanowires on different substrates	16180	B. Alhalali, R. Vidu, Howard MaO, M.S.Islam	Nanomaterials	20794991		Nanoscience & Nanotechnology Materials Science & Multidisciplinary			Q1	Sep-20	EBRC
10	A System Dynamic Energy Economic Assessment Model for Road Transportation	16211	Ruba Al-Foraih, Sreekanth K.J., Rajeev Alasserri, Sarah Al-Osaimi	International Energy Journal	1513718X	NR	NR	NR	NR	Q3	Oct-20	EBRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
11	From Gangu to the Fuel-Cells Application	16275	M. Sherif El-Eskandarany, S Sultan Majed Al-Salem, Naser Ali, Mohammad Banyan, Fahad Al-Ajmi, Ahmed Al-Duweesh	Scientific Reports	20452322	Multidisciplinary Sciences				Q1	Nov.-20	EBRC
12	Removal of Heavy Metals from Wastewaters A Challenge from Current Treatment methods to Nanotechnology Applications	16272	Ruxandra Vidu, Ecaterina Matei, Andra Mihaela Predescu, Badriyah Alhalaili, Christian Pantilimon, Claudia Tarcea, Christian Predescu	Toxics	23056304		Environmental Sciences Toxicology			Q1	Nov-20	EBRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
13	Nanobiosensors for the Detection of Novel Coronavirus 2019-nCoV and Other Pandemic/ Epidemic Respiratory Viruses: A Review	16271	Badriyah Alhalaili, Ileana Nicoleta, Olfa Kamoun, Feras Alzubi, Sami Alawadhi, Ruxandra Vidu	Sensors	14243210, 14248220	Instruments & Instrumentation	Chemistry, Analytical Engineering, Electrical & Electronic			Q1	Nov-20	EBRC
14	Enhancement in Structural Optical and Morphological Properties of Sprayed In <sub>2</sub> O <sub>3</sub> Thin Films Induced by Low Energy Electron Beam Irradiation	16331	Mehdi Souli, Lassaad Ajili, Badriyah Alhalaili, Amor Khadaaoui, Ruxandra Vidu, Najoua Kamoun-Turki	Materials Science in Semiconductor Processing	13698001		Engineering, Electrical & Electronic Materials Science & Multidisc. Physics, Applied			Q1	Mar.-20	EBRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
15	Influence of Silver as a Catalyst on the Growth of B-Ga <sub>2</sub> O <sub>3</sub> Nanowires on GaAs	16332	Badriyah Alhalaili, Howard Mao, Daniel M. Dryden, Hilal Cansizoglu, Ryan James Bunk, Ruxandra Vidu, Jery Woodall, M. Saif Islam	Materials	19961944		Materials Science & Multidisc.			Q2	Nov-20	EBRC
16	Effect of Silica Fouling on RO Membranes used for desalination	16225	Radhi Alazmi, Mubarak Alazmi, Ahathal Alanezi, Abdulsalam Alhazza	Desalination and Water Treatment	19443994, 19443986				Engineering, Chemical Water Resources	Q2	Nov-20	EBRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
17	Gas Turbine Intercoolers Introducing Nano fluids : A Mini Review	16295	Ali Alsayegh, Naser Ali	Processes	22279717		Engineering, Chemical			Q2	Nov-20	EBRC
18	Performance evaluation of a utility scale dual technology photovoltaic power plant at the Shagaya Renewable Energy Park in Kuwait	16151	Majed Al-Rasheedi, Christian A. Gueymard, Mohammad Al-Khayat, Alaa Ismail, Jared A. Lee, Hamad Al-Duaij	Renewable and Sustainable Energy Reviews	13640321	Green & Sustainable Science & Technology	Energy, Fuels			Q1	Nov-20	EBRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
19	Comparative performance evaluation of different photovoltaic modules technologies under Kuwait harsh climatic conditions	16184	M. Adouance, A. Al-Qattan, B. Al-Abdelrazzq, A. Fakhraldeen	Energy Reports	23524847		Energy & Fuels			Q1	Nov-20	EBRC
20	Reliability Based Design Optimization Framework for Wind Turbine Towers	16297	Shaikha Al-Sanad, Lin Wang, Jafarali Parol, Athanasios Kolios	Renewable Energy	09601481	Green & Sustainable Science & Technology	Energy, Fuels			Q1	April-21	EBRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
21	Gallium Oxide Nanowires for UV Detection with Enhanced Growth and Material Properties	16303	Badriyah Alhalaili, Ryan Bunk, Howard Mao, Hilal Cansizoglu, Ruxandra Vidu, Jerry Woodall, M. Saif Islam	Scientific Reports	20452322	Multidisciplinary Sciences				Q1	Dec-20	EBRC
22	Microscopy and spectroscopy techniques for characterization of polymeric membranes	16215	Y. Alqheem, A. A. Alomair	Membranes	20770375		Engineering, Chemical Materials Science & Multidisc. Polymer Science			Q2	Feb.-20	PRC



No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
23	Epitaxial synthesis of Ni-MoS <sub>2</sub> MXene heterostructures for hydrodesulphurization	16212	M. Vinoba, R. Navamani, H. Al-Sheeha	RSC Advances	20462069		Chemistry, Multidisc.			Q1	Mar-20	PRC
24	Minimizing solvent toxicity in preparation of polymeric membranes for gas separation	16218	Y. Alqheem, A. A. Alomair	ACS Omega	24701343		Chemistry, Multidisc.			Q1	Mar-20	PRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
25	Evaluating scale deposition and scale tendency of effluent water mix with seawater for compatible injection water	16268	Meshal Al-Samhan, K. Alanezi, J. Al-Fadhli, F. Al-Attar, S. Mukadam, J. George	Journal of Petroleum Exploration and Production Technology	21900558, 21900566	NR	NR	NR	NR	Q2	Mar-20	PRC
26	Changes in asphaltine surface topography with thermal treatment	16234	F. Alhumaidan, M. Rana, N. Tanoli, Haitham M.S, N. Al-najdi	Arabian Journal of Chemistry	18785352		Chemistry, Multidisc.			Q1	May-20	PRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
27	Sealing perovskite membranes for long-term oxygen separation from air	16216	Y. Alqheem, A. A. Alomair	Chemical Papers	03666352, 13369075			Chemistry, Multidisc.		Q2	Jul-20	PRC
28	Effects of Co-Existing Nitrogen compounds and polycyclic aromatic hydrocarbons on catalytic oxidative desulfurization of refractory sulfur compounds in middle distillates	16285	M. Safa, X.Ma, R.Bouresli, Hamza Albazzaz	Catalysis Today	09205861	Chemistry, Applied		Chemistry, Physical		Q1	Jul-20	PRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
29	Synthesis of large pore carbon-alumina supported catalysts for hydrodemetallization	16213	M. Rana, F. Aljumaidan, N. Rajasekharan	Catalysis Today	09205861	Chemistry, Applied Chemistry, Physical Engineering, Chemical				Q1	Aug-20	PRC
30	Fluid behavior in nanoporous silica	16217	Salim oK, B. Hwang, T. Liu, S. Welch, J. Sheets, D. Cole, Kao-Hisang, Chung-yuan Mou	Frontiers in Chemistry	22962646		Chemistry, Multidisc.			Q1	Aug-20	PRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
31	Pyrolysis of asphaltenes derived from residual oils and their thermally treated pitch	16266	Faisal AlHumaidan, Mohan S. Rana, Haitham M. S. Lababibi, Andre Hauser	ACS Omega.	24701343		Chemistry, Multidisc.			Q1	Sep-20	PRC
32	Change in the apparent order at different temperatures and catalyst volume: Hydrodesulphurization of KEC-AR	16291	J. Al-Fadhli, M. Al-Samhan, F. Al-Tarkati, F. Al-Attar	ACS Omega.	24701343		Chemistry, Multidisc.			Q1	Dec-20	PRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
33	The influence of SiO <sub>2</sub> and Al <sub>2</sub> O <sub>3</sub> nanofluids based on seawater on IFT reduction: EOR	16231	Dr. Meshal Al-Samhan, Jamal Al-Fadli	Nanotechnology for Environmental Engineering	23656387, 23656379	NR	NR	NR	NR	Q2	Sep.20	PRC
34	MoO <sub>2</sub> /TiO <sub>2</sub> hydroisomerization performance using n-hexane in comparison with platinum commercial catalyst: Pilot scale	16235	J. Al-Fadhli, M. Al-Samhan, R. Boursesli, F. Altarkait, F. Jassem	Journal of Applied Sciences	18125654, 18125662	NR	NR	NR	NR	NR	2020	PRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
35	Radioactive uranium and cesium levels in Kuwait Bay seawater	16145	Aishah Alboloushi, Abdulaziz Aba, Omar Alboloushi, Anfal Ismaeel, Hanadi Al-Shammari and Mashaal Al-Jarba	Arabian Journal of Geosciences	18667538				Geosciences, Multidisciplinary	Q2	Mar-20	ELSRC
36	A new species of ogyrides (Decapoda, Caridea, Ogyrididae) from Kuwait	16182	S. De. Grave, M. Al-Kandari, A. Anker	Crustaceana	15685403				Marine & Fresh water Biology		Mar-20	ELSRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
37	Spatial distribution of land surface temperatures in Kuwait: Urban heat and cold islands	16254	B. Alahmad, L. P. Tomasso, A. Al-Hemoud, P. James, P. Koutrakis	International Journal of Environmental Research and Public Health	16617827	Environmental Sciences, Public & Environmental & Occupational Health				Q2	Apr-20	ELSRC
38	Evaluating the potential area and environmental key factors for Sargassum bed restoration in highly turbid waters of the northwestern Arabian Gulf	16287	A. Alghunaim, T. Yamamoto, R. Madhusoodhanan, I. Polikarpov, W. Chen, T. Al-Said, W. Al Zekri, Y. Alenezi, F. Al-Yamani	Marine Pollution Bulletin	0025326X	Marine & Fresh water Biology	Environmental Sciences			Q1	Apr-20	ELSRC



No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
39	Age-structured bioeconomic model for strategic interaction: an application to pomfret stock in the Arabian Persian Gulf	16289	A.Ben-Hasan,, C.Walters, V. Christensen, G. Munro, U.R.Suamaila and A. Al-Baz	ICES Journal of Marine Science	10959289	Fisheries  Marine & Fresh water Biology  Oceanography				Q1	Apr-20	ELSRC
40	On two species of the alpheid shrimp genus Salmoneus Holthuis, 1955 from Kuwait, one of them new to science (Malacostraca: Decapoda: Caridea)	16209	Arthur Anker, Manal Al- Kandari, Sammy De Grave	Zootaxa	11755334			Zoology		Q2	May-20	ELSRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
41	Extreme Temperatures and Mortality in Kuwait: Who is Vulnerable	16270	B. Alahmad, A. F. Shakarchi, H. Khraishah, M. Alseaidan, J. Gasana, A. Al-Hemoud, P. Koutrakis, M. A. Fox	Science of The Total Environment	0048-9697	Environmental Sciences				Q1	May-20	ELSRC
42	Atmospheric residence times and excess of unsupported <sup>210</sup> Po in aerosol samples from the Kuwait bay-northern gulf	16189	A. Aba, A. Ismaeel, O. Al-Boloushi, H. Al-Shammari, A. Al-Boloushi, M. Malak	Chemosphere	00456535	Environmental Sciences				Q1	Jul-20	ELSRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
43	Hydro-environmental processes governing the formation of hypoxic parcels in an inverse estuarine water body: Assessment of physical controls	16210	Y. Alosairi, N. Alsulaiman,	Marine Pollution Bulletin	0025326X	Marine & Fresh water Biology	Environmental Sciences			Q1	Aug-20	ELSRC
44	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	16219	Ahmad Salman, Saja A. Fakhraldeen, Sungsoo Chun, Kazi Jamil, Javier Gasana and Adel Al-Hunayan	Healthcare (Basel)	22279032			Healthcare Sciences & Services		NR	Aug-20	ELSRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
45	Activity Size Distributions of Radioactive Airborne Particles in an Arid Environment: A case study of Kuwait	16186	A. Ismaeel, A. Aba, H. Al-Shammari, A. Al-Boloushi, O. Al-Boloushi, M. Malak, A. Al-Dabbous, S. Al-Tamimi	Environmental Science and Pollution Research	9441344		Environmental Sciences			Q2	Sep-20	ELSRC
46	Research and Development as a Moderating Variable for Sustainable Economic Performance: The Asian, European, and Kuwaiti Models	16253	A. Salman, A. Al-Hemoud, S. A. Fakhraldeen, M. Al-Nashmi, S. M. Al-Fadhli, S. Chun	Sustainability	20711050		Environmental Sciences	Green Sustainable Science & Technology		Q2	Sep-20	ELSRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
47	Decadal changes in diversity and occurrence of microalgal blooms in the NW Arabian/Persian Gulf	16257	T. Polikarpov, M. Saburova, F. Al-Yamani	Deep Sea Research Part II Topical Studies in Oceanography	9670645		Oceanography			Q1	Sep-20	ELSRC
48	Seismological aspects of the 15 November 2019 earthquakes sequence, Kuwait	16340	A.K. Abdelaal, F. Al-Jeri, A. Al-Enezi, J. A. Parol	Arabian Journal of Geosciences	18667538				Geosciences, Multidisciplinary	Q2	Sep-20	ELSRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
49	Scattering of gravity waves by a pontoon type breakwater with a series of pervious and impervious skirt walls	16226	K.G. Vijay, S. Neelamani, T. Sahoo, K. Al-Salem, C.S. Nishad	Ships and Offshore Structures	17445302		Engineering Marine			Q1	Oct-20	ELSRC
50	Marine life mortalities and Harmful Algal Blooms in the Northern Arabian Gulf	16252	F. Al-Yamani, I. Polikarpov, M. Saburova	Aquatic Ecosystem Health and Management	15394077				Environmental Sciences Marine & Fresh water Biology	Q3	Oct-20	ELSRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
51	World record extreme sea surface temperatures in the northwestern Arabian/Persian Gulf verified by in situ measurement	16262	Yousef Al-Osairi, Nada Al-Sulaiman, Ali Rashed Salem, Dana Al-Houti	Marine Pollution Bulletin	0025326X	Marine & Fresh water Biology	Environmental Sciences			Q1	Oct-20	ELSRC
52	Changes in carbohydrate quality of high-pressure treated aqueous aquafaba	16327	Fatemah B. Alsalman; Hosahalli S. Ramaswamy	Food Hydrocolloids	0268005X	Chemistry Applied Food Science & Technology				Q1	Oct-20	ELSRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
53	A review of radioactivity in the Gulf region	16066	S. Uddin, S.W.Fowler, , M. Behbehani, A.N. Al-Ghadban, P.W. Swarenski, N. Al-Awadhi	Marine Pollution Bulletin	0025326X	Marine & Fresh water Biology	Environmental Sciences			Q1	Oct-20	ELSRC
54	<sup>210</sup> Po concentration in different size fractions of aerosol likely contribution from industrial sources	16082	M.Behbehnai, S.Uddin, M.Baskaran	Journal of Environmental Radioactivity	18791700			Environmental Sciences		Q1	Oct-20	ELSRC



No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
55	Rehydration of whey protein isolate: Effect of temperature, water activity, and storage time	16232	S. Al-Jassar, S. Mikajiri, Y.H. Roos	LWT - Food Science and Technology	10961127	Food Science & Technology				Q1	Nov-20	ELSRC
56	Effect of Egyptian Leek Leaf Extract Supplementation on Productive and Economic Performance of Broilers	16233	H.S. Al-Khalifah, M. Badawi, R. Abd El-Aziz, M. Ali, A. Omar	Frontiers in Veterinary Science	22971769	Veterinary Sciences				Q1	Nov-20	ELSRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
57	Effects of Phenolic-Rich Onion ( <i>Allium cepa</i> L.) Extract on the Growth Performance, Behavior, Intestinal Histology, Amino Acid Digestibility, Antioxidant Activity, and the Immune Status of Broiler Chickens	16245	Anaam E. Omar, Hanan Al-Khalaifa, Wafaa A. M. Mohamed, Heba S. A. Gharib, Ali Osman, Naif A. Al-Gabri, and Shimaa A. Amer	Frontiers in Veterinary Science	22971769	Veterinary Sciences				Q1	Nov-20	ELSRC
58	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	16259	H. S. Al-Khalaifah, S. E. Shahin, A. E. Omar, H. Mohammed, H. Mahmoud, D. Ibrahim	BMC Veterinary Research	17466148						Nov-20	ELSRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
59	The Covid-19 Pandemic and Global food security	16286	F. Mardones, K. Rich, L. Boden, A. Moreno Switt, M. Caipo, N. Zimin-Veselkoff, A. Alateeqi, I. Baltenweck	Frontiers in Veterinary Science	22971769	Veterinary Sciences				Q1	Nov-20	ELSRC
60	Effects of ecofriendly synthesized calcium nanoparticles with biocompatible Sargassum latifolium algae extract supplementation on egg quality and scanning electron microscopy images of the eggshell of aged laying hens	16333	H. Abo El-Maaty, A.Y. EL-Khateeb, H. Al-Khalaifah, El.L. Hamed, S. Hamed, E. A. El-Said, K. M. Mahrose, K. Metwally, A. M.Mansour	Poultry Science	15253171	Agriculture, Dairy & Animal Science				Q1	Nov-20	ELSRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
61	Spatio-temporal variations in bacterial and fungal community associated with dust aerosol in Kuwait	16258	F.Al.Salameen, N.Habibi, S.Uddein, K.mataqi, V.Kumar, B.AlDoaij, S.Al Amad, E.AlAli, F.Shirshikhar	PLOS ONE	19326203		Multidisc. Sciences			Q1	Nov-20	ELSRC
62	Modelling of packed bed and coated wall microreactors for methanol steam reforming for hydrogen production	16319	Sanaa Hafeez, Elsa Aristodemou, George Manos, S.M. Al Salem, Achilleas Constantinou	RSC Advances	20462069		Chemistry, Multidisc.			Q1	Nov-20	ELSRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
63	Numerical and experimental modeling of water wave interaction with rubble mound offshore porous breakwaters	16255	Santanu Koley, Kottala Panduranga, Nourah Al-Mashan, Subramaniam Neelamani, Alanoud Al-Ragum	Ocean Engineering	298018	Engineering Marine Engineering Civil Engineering Ocean Oceanography				Q1	Dec-20	ELSRC
64	Morphology and reproductive biology of a new Pseudopolydora (Annelida: Spionidae) species from the Arabian Gulf	16267	V.I. Radashevsky, M. Al-Kandari	Marine Biodiversity	18671616		Marine & Fresh water Biology	Biodiversity Conservation		Q2	Dec-20	ELSRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
65	Characterization and application of antimicrobials produced by <i>Enterococcus faecium</i> S6 isolated from raw camel milk	16269	R. Rahmeh, A. Akbar, T. Al-Onaizi, M.Kishk, A. Shajan, B. Akbar	Journal of Dairy Science	15253198	Agriculture, Dairy & Animal Science	Food Science & Technology			Q1	Dec-20	ELSRC
66	Untargeted-metabolomics differentiation between poultry samples slaughtered with and without detaching spinal cord	16290	N. Abbas, A. Ali, S. Kumari, A. Iqbal, A. Husain, T.Saeed, Z. Al-Ballam, N. Ahmed, H. El-Seedi, S. Musharaf	Arabian Journal of Chemistry	18785352		Chemistry, Multidisc.			Q1	Dec-20	ELSRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
67	Effect of Dietary Medium-Chain $\alpha$ -Monoglycerides on the Growth Performance, Intestinal Histomorphology, Amino Acid Digestibility, and Broiler Chickens' Blood Biochemical Parameters	16348	S. Amer, A Al-Nasser, H. Al-Khalaifah, D. AlSadek, D. Abdel Fattah, E. Roushdy, W. Sherief, M. Farag, D. Altohamy, A. Abdel-Wareth, and A. Metwally	Animals	20762615	Agriculture, Dairy & Animal Science  Veterinary Sciences				Q1	Dec-20	ELSRC
68	Three-dimensional numerical modelling of transport, fate and distribution of microplastics in the northwestern Arabian/Persian Gulf	16167	Y. Alosairi, S.M. Al-Salem, A. Alragum	Marine Pollution Bulletin	0025326X	Marine & Fresh water Biology	Environmental Sciences			Q1	Dec-20	ELSRC

No	Paper Title	KISR No.	Author Name	Journal Title	ISSN	Q1	Q2	Q3	Q4	Scimago (SJR)	Date Published	Research Center
						Category	Category	Category	Category			
69	Can plastic waste management be a novel solution in combating the novel Coronavirus (COVID-19)? A short research note	16321	Sultan Majed Al-Salem, Mohammed Sherif El-Eskandarani1, Achilleas Constantinou2	Waste Management & Research	0734242X		Environmental Sciences	Engineering Environmental		Q2	Dec-20	ELSRC
70	The transformational role of a third actor within the Triple Helix Model – the case of Palestine	16203	R. Morrar, H. Arman	Innovation: The European Journal of Social Science Research	13511610 1469-8412			Sociology		Q2	Oct-20	TED