

Fares M Howari

List of Publications by Year in descending order

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67
papers

1,249
citations

430874

18
h-index

414414

32
g-index

67
all docs

67
docs citations

67
times ranked

1263
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano-zerovalent manganese/biochar composite for the adsorptive and oxidative removal of Congo-red dye from aqueous solutions. <i>Journal of Hazardous Materials</i> , 2021, 403, 123854.	12.4	144
2	Synergistic effects of activated carbon and nano-zerovalent copper on the performance of hydroxyapatite-alginate beads for the removal of As ³⁺ from aqueous solution. <i>Journal of Cleaner Production</i> , 2019, 235, 875-886.	9.3	108
3	Deep eutectic solvent-mediated synthesis of ceria nanoparticles with the enhanced yield for photocatalytic degradation of flumequine under UV-C. <i>Journal of Water Process Engineering</i> , 2020, 33, 101012.	5.6	67
4	Impact of Newtonian heating and Fourier and Fick's laws on a magnetohydrodynamic dusty Casson nanofluid flow with variable heat source/sink over a stretching cylinder. <i>Scientific Reports</i> , 2021, 11, 2357.	3.3	52
5	Magnetized suspended carbon nanotubes based nanofluid flow with bio-convection and entropy generation past a vertical cone. <i>Scientific Reports</i> , 2019, 9, 12225.	3.3	50
6	Biomedical and photocatalytic applications of biosynthesized silver nanoparticles: Ecotoxicology study of brilliant green dye and its mechanistic degradation pathways. <i>Journal of Molecular Liquids</i> , 2020, 319, 114114.	4.9	49
7	Nano-zerovalent copper as a Fenton-like catalyst for the degradation of ciprofloxacin in aqueous solution. <i>Journal of Water Process Engineering</i> , 2020, 37, 101325.	5.6	48
8	Contamination Assessment of Heavy Metals in Agricultural Soil, in the Liwa Area (UAE). <i>Toxics</i> , 2021, 9, 53.	3.7	42
9	Hydrochemical processes determining the groundwater quality for irrigation use in an arid environment: The case of Liwa Aquifer, Abu Dhabi, United Arab Emirates. <i>Groundwater for Sustainable Development</i> , 2018, 7, 212-219.	4.6	41
10	A Thin Film Flow of Nanofluid Comprising Carbon Nanotubes Influenced by Cattaneo-Christov Heat Flux and Entropy Generation. <i>Coatings</i> , 2019, 9, 296.	2.6	36
11	Distribution of heavy metals in the coastal area of Abu Dhabi in the United Arab Emirates. <i>Marine Pollution Bulletin</i> , 2015, 97, 494-498.	5.0	35
12	Assessment of heavy metals in roadside dust along the Abu Dhabi-Al Ain National Highway, UAE. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	35
13	Application of response surface methodology on the nanofluid flow over a rotating disk with autocatalytic chemical reaction and entropy generation optimization. <i>Scientific Reports</i> , 2021, 11, 4021.	3.3	31
14	Assessment of Metals Concentrations in Soils of Abu Dhabi Emirate Using Pollution Indices and Multivariate Statistics. <i>Toxics</i> , 2021, 9, 95.	3.7	31
15	Entropy Analysis of Carbon Nanotubes Based Nanofluid Flow Past a Vertical Cone with Thermal Radiation. <i>Entropy</i> , 2019, 21, 642.	2.2	30
16	MHD Boundary Layer Flow of Carreau Fluid over a Convectively Heated Bidirectional Sheet with Non-Fourier Heat Flux and Variable Thermal Conductivity. <i>Symmetry</i> , 2019, 11, 618.	2.2	27
17	Upshot of heterogeneous catalysis in a nanofluid flow over a rotating disk with slip effects and Entropy optimization analysis. <i>Scientific Reports</i> , 2021, 11, 120.	3.3	27
18	Investigating aquifer vulnerability and pollution risk employing modified DRASTIC model and GIS techniques in Liwa area, United Arab Emirates. <i>Groundwater for Sustainable Development</i> , 2019, 8, 567-578.	4.6	23

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19	Remote Sensing and Spectral Characteristics of Desert Sand from Qatar Peninsula, Arabian/Persian Gulf. <i>Remote Sensing</i> , 2009, 1, 915-933.	4.0	20
20	Natural radioactivity and groundwater quality assessment in the northern area of the Western Desert of Egypt. <i>Journal of Hydrology: Regional Studies</i> , 2017, 12, 331-344.	2.4	19
21	Utilization of the UAE date palm leaf biochar in carbon dioxide capture and sequestration processes. <i>Journal of Environmental Management</i> , 2021, 299, 113644.	7.8	19
22	Long-term trends in ambient fine particulate matter from 1980 to 2016 in United Arab Emirates. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 143.	2.7	18
23	Integrated structural and functional analysis of the protective effects of kinetin against oxidative stress in mammalian cellular systems. <i>Scientific Reports</i> , 2020, 10, 13330.	3.3	18
24	Numerical Analysis of Carbon Nanotube-Based Nanofluid Unsteady Flow Amid Two Rotating Disks with Hall Current Coatings and Homogeneous/Heterogeneous Reactions. <i>Coatings</i> , 2020, 10, 48.	2.6	16
25	Irreversibility minimization analysis of ferromagnetic Oldroyd-B nanofluid flow under the influence of a magnetic dipole. <i>Scientific Reports</i> , 2021, 11, 4810.	3.3	16
26	New insights on sand dust storm from historical records, UAE. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	1.3	15
27	Risk assessment through evaluation of potentially toxic metals in the surface soils of the Qassim area, Central Saudi Arabia. <i>Italian Journal of Geosciences</i> , 2016, 135, 210-216.	0.8	14
28	Impact of Nonlinear Chemical Reaction and Melting Heat Transfer on an MHD Nanofluid Flow over a Thin Needle in Porous Media. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5492.	2.5	14
29	Statistical analysis and estimation of the regional trend of aerosol size over the Arabian Gulf Region during 2002-2016. <i>Scientific Reports</i> , 2018, 8, 9571.	3.3	13
30	Heavy metal speciation and mobility assessment of arid soils in the vicinity of Al Ain landfill, United Arab Emirates. <i>International Journal of Environment and Pollution</i> , 2004, 22, 721.	0.2	12
31	Evaluation of the Gulf of Aqaba Coastal Water, Jordan. <i>Water (Switzerland)</i> , 2020, 12, 2125.	2.7	12
32	Study of Atmospheric Pollution and Health Risk Assessment: A Case Study for the Sharjah and Ajman Emirates (UAE). <i>Atmosphere</i> , 2021, 12, 1442.	2.3	11
33	Rate of deposition and quality of sedimentation dust in Al Ain and Ras Al Khaimah, United Arab Emirates. <i>Arabian Journal of Geosciences</i> , 2013, 6, 1033-1039.	1.3	10
34	Imaging of hydrothermal altered zones in Wadi Al-Bana, in southern Yemen, using remote sensing techniques and very low frequency electromagnetic data. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	1.3	10
35	Assessing the Groundwater Quality in the Liwa Area, the United Arab Emirates. <i>Water (Switzerland)</i> , 2020, 12, 2816.	2.7	10
36	Lithology, mineral assemblages and microbial fingerprints of the evaporite-carbonate sediments of the coastal sabkha of Abu Dhabi and their extraterrestrial implications. <i>International Journal of Astrobiology</i> , 2010, 9, 147-156.	1.6	8

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37	Seasonal impact to air qualities in industrial areas of the Arabian Gulf region. <i>Environmental Engineering Research</i> , 2018, 23, 143-149.	2.5	8
38	Preparation of H ₃ PO ₄ modified Sidr biochar for the enhanced removal of ciprofloxacin from water. <i>International Journal of Phytoremediation</i> , 2022, 24, 1231-1242.	3.1	8
39	Geospatial Assessment of Groundwater Quality with the Distinctive Portrayal of Heavy Metals in the United Arab Emirates. <i>Water (Switzerland)</i> , 2022, 14, 879.	2.7	8
40	Hapke-based computational method to enable unmixing of hyperspectral data of common salts. <i>Chemistry Central Journal</i> , 2018, 12, 90.	2.6	7
41	Advantages of first-derivative reflectance spectroscopy in the VNIR-SWIR for the quantification of olivine and hematite. <i>Planetary and Space Science</i> , 2020, 188, 104957.	1.7	7
42	Changes in the Invasion Rate of <i>Prosopis juliflora</i> and Its Impact on Depletion of Groundwater in the Northern Part of the United Arab Emirates. <i>Plants</i> , 2022, 11, 682.	3.5	7
43	E-Device Purchase and Disposal Behaviours in the UAE: An Exploratory Study. <i>Sustainability</i> , 2022, 14, 4805.	3.2	7
44	On the mineral characteristics and geochemistry of the Florida phosphate of Four Corners and Hardee County mines. <i>Sedimentary Geology</i> , 2016, 342, 1-14.	2.1	6
45	Method Development for Selective and Nontargeted Identification of Nitro Compounds in Diesel Particulate Matter. <i>Energy & Fuels</i> , 2017, 31, 11615-11626.	5.1	6
46	Simultaneous Enrichment and On-line Detection of Low-Concentration Copper, Cobalt, and Nickel Ions in Water by Near-Infrared Diffuse Reflectance Spectroscopy Combined with Chemometrics. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 560-565.	1.5	6
47	Exploring the potential of nano-zerovalent copper modified biochar for the removal of ciprofloxacin from water. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2021, 16, 100604.	2.9	6
48	Distribution of Heavy Metal Concentrations in Surface Sediments in Dubai Creeks, United Arab Emirates. <i>Annali Di Chimica</i> , 2005, 95, 667-675.	0.6	5
49	A Qualitative Study of Airborne Minerals and Associated Organic Compounds in Southeast of Cairo, Egypt. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 568.	2.6	5
50	Application of NMI-TfCl-mediated amide bond formation in the synthesis of biologically relevant oxadiazole derivatives employing less basic (hetero)aryl amines. <i>Molecular Diversity</i> , 2022, 26, 1761-1767.	3.9	5
51	Gravity investigations of recent sinkholes and karst pits of Dahal Al-Hamam, State of Qatar. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	4
52	Environmental service-learning in the United Arab Emirates: Is it mediated by the effects of biographical and demographical variables?. <i>Applied Environmental Education and Communication</i> , 2019, 18, 300-312.	1.1	4
53	Delineation of Copper Mineralization Zones at Wadi Ham, Northern Oman Mountains, United Arab Emirates Using Multispectral Landsat 8 (OLI) Data. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	4
54	Spatio-Temporal Characteristics of PM _{2.5} , PM ₁₀ , and AOD over the Central Line Project of China's South-North Water Diversion in Henan Province (China). <i>Atmosphere</i> , 2021, 12, 225.	2.3	4

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55	Distribution of heavy metals around the Barakah nuclear power plant in the United Arab Emirates. <i>Environmental Science and Pollution Research</i> , 2017, 24, 19835-19851.	5.3	3
56	Prediction of spatial ET-fluxes using remote sensing and field data of selected areas in the Eastern Part of Abu Dhabi, United Arab Emirates. <i>Soil Research</i> , 2006, 44, 759.	1.1	2
57	An Investigation on the Morphological and Mineralogical Characteristics of Posidonius Floor Fractured Lunar Impact Crater Using Lunar Remote Sensing Data. <i>Remote Sensing</i> , 2022, 14, 814.	4.0	2
58	Investigation of factors affecting COVID-19 vaccine acceptance among communities of universities in the United Arab Emirates. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, .	3.3	2
59	C O isotope geochemistry of the Florida phosphate of Four Corners and Hardee County mines, USA: Implication for genesis and diagenesis. <i>Journal of Geochemical Exploration</i> , 2017, 181, 99-105.	3.2	1
60	Application of hyperspectral imaging technique to determine the quality of Photo and Thermal exposed and contaminated pharmaceutical formulations: A cost effective way of quality testing. , 2020, , .		1
61	The Application of Narrow-Band NDVI as a Tool for Mapping Mangrove Environment in Abu Dhabi. , 2017, , .		0
62	Hyperspectroscopic and microtopographic analyses of salt crust forms on arid, silty clay loam desert soils. <i>Geologia Croatica</i> , 2019, 72, 43-49.	0.8	0
63	Molecular Modeling of the Interaction Between Stem Cell Peptide and Immune Receptor in Plants. <i>Methods in Molecular Biology</i> , 2020, 2094, 67-77.	0.9	0
64	Mapping a Transcriptome-Guided Arabidopsis SAM Interactome. <i>Methods in Molecular Biology</i> , 2020, 2094, 113-118.	0.9	0
65	Baseline marine investigation and impact of fish farming on the marine environment in Jebel Ali, Dubai, United Arab Emirates. <i>Marine Pollution Bulletin</i> , 2020, 159, 111468.	5.0	0
66	Integrated Framework of the Immune-Defense Transcriptional Signatures in the Arabidopsis Shoot Apical Meristem. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5745.	4.1	0
67	Meteorology of the Red Planet by dust devils. , 2020, , .		0