

Ismail Yusoff

List of Publications by Year in descending order

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83
papers

1,912
citations

236612

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h-index

301761

39
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85
all docs

85
docs citations

85
times ranked

2522
citing authors

#	ARTICLE	IF	CITATIONS
1	Geothermal energy assessment through the Curie point depth, geothermal gradient, and heat flow around the Akiri hot spring region in Central Nigeria. <i>Environmental Earth Sciences</i> , 2022, 81, 1.	1.3	6
2	Physical, geochemical, and clay mineralogical properties of unstable soil slopes in the Cameron Highlands. <i>Open Geosciences</i> , 2021, 13, 880-894.	0.6	1
3	Natural sources of iron and manganese in groundwater of the lower Kelantan River Basin, North-eastern coast of Peninsula Malaysia: water quality assessment and an adsorption-based method for remediation. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	5
4	An integrated toolkit using multiple methods for determining the potential sources of iron and manganese in groundwater: a case study from the lower Kelantan River Basin, Malaysia. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	1
5	Implementing Digital Edge Enhancers on Improved High-Resolution Aeromagnetic Signals for Structural-Depth Analysis around the Middle Benue Trough, Nigeria. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1247.	0.8	8
6	Application of Taguchi method for the optimization of Fe ²⁺ removal from contaminated synthetic groundwater using a rotating packed bed contactor. <i>Water and Environment Journal</i> , 2020, 34, 57-65.	1.0	8
7	Comparison of Applications to Evaluate Groundwater Recharge at Lower Kelantan River Basin, Malaysia. <i>Geosciences (Switzerland)</i> , 2020, 10, 289.	1.0	12
8	Trace metals geochemistry for health assessment coupled with adsorption remediation method for the groundwater of Lorong Serai 4, Hulu Langat, west coast of Peninsular Malaysia. <i>Environmental Geochemistry and Health</i> , 2020, 42, 3079-3099.	1.8	9
9	The economic potential of the African iron-ore tailings: synthesis of magnetite for the removal of trace metals in groundwater—a review. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	10
10	An integrated multi-techniques approach for hydrogeochemical evaluation of ion exchange processes and identification of water types based on statistical analysis: Application to the Gaza coastal aquifer, Gaza Strip, Palestine. <i>Groundwater for Sustainable Development</i> , 2019, 9, 100227.	2.3	8
11	A study on the impact of anthropogenic and geogenic factors on groundwater salinization and seawater intrusion in Gaza coastal aquifer, Palestine: An integrated multi-techniques approach. <i>Journal of African Earth Sciences</i> , 2019, 156, 75-93.	0.9	31
12	Development of effective sequence multi-barrier reactive media for nitrate remediation in groundwater systems. <i>RSC Advances</i> , 2019, 9, 15437-15447.	1.7	2
13	Toxicity evaluation of ZnO and TiO ₂ nanomaterials in hydroponic red bean (<i>Vigna angularis</i>) plant: Physiology, biochemistry and kinetic transport. <i>Journal of Environmental Sciences</i> , 2018, 72, 140-152.	3.2	65
14	Assessment of groundwater salinity and quality in Gaza coastal aquifer, Gaza Strip, Palestine: An integrated statistical, geostatistical and hydrogeochemical approaches study. <i>Science of the Total Environment</i> , 2018, 615, 972-989.	3.9	114
15	Integrated geoelectrical resistivity and hydrogeochemical methods for delineating and mapping heavy metal zone in aquifer system. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	22
16	Reviews of the toxicity behavior of five potential engineered nanomaterials (ENMs) into the aquatic ecosystem. <i>Toxicology Reports</i> , 2017, 4, 211-220.	1.6	75
17	Geochemical characteristics of rare earth elements in different types of soil: A chemometric approach. <i>Chemosphere</i> , 2017, 184, 673-678.	4.2	24
18	Reply to comments on “CeCuYb _{0.5} Fe _{1.5} O ₄ nanoferrite adsorbent structural, morphological and functionalization characteristics for multiple pollutant removal by response surface methodology”. <i>Journal of Molecular Liquids</i> , 2017, 247, 34.	2.3	0

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19	Carbon source screening for nitrate remediation in permeable recative barrier: Ion chromatography technique. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, 732-736.	0.4	2
20	Integrated geoelectrical and hydrogeochemical investigation for mapping the aquifer at Langat Basin, Malaysia. Environmental Earth Sciences, 2016, 75, 1.	1.3	8
21	Estimating groundwater recharge based on mass balance evaluation of unsaturated zone in a coastal catchment characterized by tropical rainforest weather conditions. Environmental Earth Sciences, 2016, 75, 1.	1.3	4
22	Assessing anthropogenic levels, speciation, and potential mobility of rare earth elements (REEs) in ex-tin mining area. Environmental Science and Pollution Research, 2016, 23, 25039-25055.	2.7	22
23	Multivariate statistical analysis for identifying water quality and hydrogeochemical evolution of shallow groundwater in Quaternary deposits in the Lower Kelantan River Basin, Malaysian Peninsula. Environmental Earth Sciences, 2016, 75, 1.	1.3	20
24	CuYbO ₄ ·5Fe _{1.5} O ₄ nanoferrite adsorbent structural, morphological and functionalization characteristics for multiple pollutant removal by response surface methodology. Journal of Molecular Liquids, 2016, 224, 1256-1265.	2.3	6
25	Structural, morphological and magnetic investigations of CuCe _{0.2} Fe _{1.8} O ₄ graphene-supported nanocomposites. Ceramics International, 2016, 42, 1399-1407.	2.3	25
26	Ultrastructural effects on gill tissues induced in red tilapia Oreochromis sp. by a waterborne lead exposure. Saudi Journal of Biological Sciences, 2016, 23, 634-641.	1.8	27
27	Electrical resistivity imaging and hydrochemical analysis for groundwater investigation in Kuala Langat, Malaysia. Hydrological Sciences Journal, 2016, 61, 751-762.	1.2	3
28	New method for the adsorption of organic pollutants using natural zeolite incinerator ash (ZIA) and its application as an environmentally friendly and cost-effective adsorbent. Desalination and Water Treatment, 2016, 57, 6230-6238.	1.0	24
29	Multivariate Analysis on Heavy Metals Distribution in Tropical Reservoir. Research Journal of Applied Sciences, Engineering and Technology, 2015, 9, 916-921.	0.1	2
30	Simulation of groundwater level through artificial intelligence system. Environmental Earth Sciences, 2015, 73, 8357-8367.	1.3	33
31	Immobilization of Pb, Cd, and Zn in a contaminated soil using eggshell and banana stem amendments: metal leachability and a sequential extraction study. Environmental Science and Pollution Research, 2015, 22, 223-230.	2.7	41
32	Comparison of water table fluctuation and chloride mass balance methods for recharge estimation in a tropical rainforest climate: a case study from Kelantan River catchment, Malaysia. Environmental Earth Sciences, 2015, 73, 4419-4428.	1.3	19
33	Fluoride adsorption by doped and un-doped magnetic ferrites CuCe Fe ₂ O ₄ : Preparation, characterization, optimization and modeling for effectual remediation technologies. Journal of Hazardous Materials, 2015, 299, 316-324.	6.5	43
34	Arsenic Adsorption Using Palm Oil Waste Clinker Sand Biotechnology: an Experimental and Optimization Approach. Water, Air, and Soil Pollution, 2015, 226, 1.	1.1	19
35	Estimating recharge based on long-term groundwater table fluctuation monitoring in a shallow aquifer of Malaysian tropical rainforest catchment. Environmental Earth Sciences, 2015, 74, 4577-4587.	1.3	8
36	A novel method for fabricating Fe ²⁺ ion selective sensor using polypyrrole and sodium dodecyl sulfate based on carbon screen-printed electrode. Measurement: Journal of the International Measurement Confederation, 2015, 69, 115-125.	2.5	23

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37	Synthesis, spectroscopic and chromatographic studies of sunflower oil biodiesel using optimized base catalyzed methanolysis. Saudi Journal of Biological Sciences, 2015, 22, 332-339.	1.8	71
38	Application of the Artificial Neural Network and Neuro-fuzzy System for Assessment of Groundwater Quality. Clean - Soil, Air, Water, 2015, 43, 551-560.	0.7	42
39	Cumulative impacts of dissolved ionic metals on the chemical characteristics of river water affected by alkaline mine drainage from the Kuala Lipis gold mine, Pahang, Malaysia. Chemistry and Ecology, 2015, 31, 22-33.	0.6	22
40	Intercationic effect on biosorbent efficacy. Desalination and Water Treatment, 2014, 52, 1504-1513.	1.0	2
41	Ionic liquid as a medium to remove iron and other metal ions: a case study of the North Kelantan Aquifer, Malaysia. Environmental Earth Sciences, 2014, 71, 2105-2113.	1.3	29
42	Cesium-137: Radio-Chemistry, Fate, and Transport, Remediation, and Future Concerns. Critical Reviews in Environmental Science and Technology, 2014, 44, 1740-1793.	6.6	63
43	Groundwater quality assessment of a freshwater wetland in the Selangor (Malaysia) using electrical resistivity and chemical analysis. Water Science and Technology: Water Supply, 2014, 14, 255-264.	1.0	9
44	Historical variations of Bera Lake (Malaysia) sediments geochemistry using radioisotopes and sediment quality indices. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 1715-1730.	0.7	20
45	Study of contaminant transport at an open-tipping waste disposal site. Environmental Science and Pollution Research, 2013, 20, 4689-4710.	2.7	39
46	Geochemical study of volcanic and associated granitic rocks from Endau Rompin, Johor, Peninsular Malaysia. Journal of Earth System Science, 2013, 122, 65-78.	0.6	8
47	Sedimentation rates in Bera Lake (Peninsular Malaysia) using ²¹⁰ Pb and ¹³⁷ Cs radioisotopes. Geosciences Journal, 2013, 17, 211-220.	0.6	14
48	Effects of agricultural projects on nutrient levels in Lake Bera (Tasek Bera), Peninsular Malaysia. Agriculture, Ecosystems and Environment, 2013, 165, 19-27.	2.5	19
49	Simulation of horizontal well performance using Visual MODFLOW. Environmental Earth Sciences, 2013, 68, 1119-1126.	1.3	13
50	Comparison of a plant based natural surfactant with SDS for washing of As(V) from Fe rich soil. Journal of Environmental Sciences, 2013, 25, 2247-2256.	3.2	32
51	Synthetic polymer composite membrane for the desalination of saline water. Desalination and Water Treatment, 2013, 51, 3650-3661.	1.0	31
52	Land use changes and soil redistribution estimation using ¹³⁷ Cs in the tropical Bera Lake catchment, Malaysia. Soil and Tillage Research, 2013, 131, 1-10.	2.6	42
53	Removal of Cd(II) onto <i>Raphanus sativus</i> peels biomass: equilibrium, kinetics, and thermodynamics. Desalination and Water Treatment, 2013, 51, 4402-4412.	1.0	34
54	An Evaluation of Bera Lake (Malaysia) Sediment Contamination Using Sediment Quality Guidelines. Journal of Chemistry, 2013, 2013, 1-13.	0.9	10

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55	Arsenic, Zinc, and Aluminium Removal from Gold Mine Wastewater Effluents and Accumulation by Submerged Aquatic Plants (<i>Cabomba piauhyensis</i> , <i>Egeria densa</i> , and <i>Hydrilla</i>) TJ ETQq1 1 0.784314rgBT /Overlock 10 T	0.784314	10
56	Characterization of Triphenylamino-Based Polymethine Dyes. Journal of Chemistry, 2013, 2013, 1-5.	0.9	4
57	Removal of acid yellow-17 dye from aqueous solution using eco-friendly biosorbent. Desalination and Water Treatment, 2013, 51, 4530-4545.	1.0	46
58	Chemical constituents of <i>Cenchrus ciliaris</i> L. from the Cholistan desert, Pakistan. Archives of Biological Sciences, 2013, 65, 1473-1478.	0.2	9
59	Assessment of pollutants migration at Ampar Tenang landfill site, Selangor, Malaysia. ScienceAsia, 2013, 39, 392.	0.2	26
60	Speciation of heavy metals in the surface waters of a former tin mining catchment. Chemical Speciation and Bioavailability, 2012, 24, 1-12.	2.0	17
61	Study of chemical forms of heavy metals collected from the sediments of tin mining catchment. Chemical Speciation and Bioavailability, 2012, 24, 183-196.	2.0	13
62	Removal of Lead from Synthetic Solutions by Protonated Teleosts Biomass. E-Journal of Chemistry, 2012, 9, 345-353.	0.4	13
63	Chemical Speciation and Potential Mobility of Heavy Metals in the Soil of Former Tin Mining Catchment. Scientific World Journal, The, 2012, 2012, 1-11.	0.8	59
64	Morphology, Geology and Water Quality Assessment of Former Tin Mining Catchment. Scientific World Journal, The, 2012, 2012, 1-15.	0.8	16
65	Application of <i>MIKE SHE</i> modelling system to set up a detailed water balance computation. Water and Environment Journal, 2012, 26, 490-503.	1.0	17
66	Integrated geoelectrical resistivity, hydrochemical and soil property analysis methods to study shallow groundwater in the agriculture area, Machang, Malaysia. Environmental Earth Sciences, 2012, 65, 699-712.	1.3	27
67	Heavy metals accumulation in plants growing in ex tin mining catchment. International Journal of Environmental Science and Technology, 2011, 8, 401-416.	1.8	145
68	Time lapse chemical fertilizer monitoring in agriculture sandy soil. International Journal of Environmental Science and Technology, 2011, 8, 765-780.	1.8	14
69	Developmental Design of Anaerobic Wetland System for Mining Waste Water Treatment. American Journal of Environmental Sciences, 2011, 7, 383-396.	0.3	3
70	Study of biosorptive potential in the peel of <i>Citrus reticulata</i> , <i>Punica granatum</i> , <i>Daucus carota</i> and <i>Momordica charantia</i> . African Journal of Biotechnology, 2011, 10, .	0.3	5
71	Tracing subsurface migration of contaminants from an abandoned municipal landfill. Environmental Earth Sciences, 2011, 63, 1043-1055.	1.3	12
72	Low cost biosorbent banana peel (<i>Musa sapientum</i>) for the removal of heavy metals. Scientific Research and Essays, 2011, 6, 4055-4064.	0.1	25

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73	Study of Antioxidant Potential of Tropical Fruit. International Journal of Bioscience, Biochemistry, Bioinformatics (IJBBB), 2011, , 53-57.	0.2	4
74	Deterioration of groundwater quality in the vicinity of an active open-tipping site in West Malaysia. Hydrogeology Journal, 2010, 18, 997-1006.	0.9	35
75	Water Quality Characterization of Varsity Lake, University of Malaya, Kuala Lumpur, Malaysia. E-Journal of Chemistry, 2010, 7, S245-S254.	0.4	10
76	Heavy metals accumulation and tolerance in plants growing on ex-mining area, Bestari Jaya, Kuala Selangor, Peninsular Malaysia. , 2010, , .		3
77	Study of mango biomass (<i>Mangifera indica</i> L) as a cationic biosorbent. International Journal of Environmental Science and Technology, 2010, 7, 581-590.	1.8	22
78	Simulation of integrated surface-water/groundwater flow for a freshwater wetland in Selangor State, Malaysia. Bulletin of the Geological Society of Malaysia, 2009, 55, 95-100.	0.2	2
79	Electrokinetic Migration of Permanganate Through Low-Permeability Media. Ground Water, 2008, 46, 629-637.	0.7	49
80	Heavy Metal Contamination of Soil Beneath a Waste Disposal Site at Dengkil, Selangor, Malaysia. Soil and Sediment Contamination, 2008, 17, 449-466.	1.1	31
81	Groundwater modelling of the Chepstow Block, South Wales, UK. Bulletin of the Geological Society of Malaysia, 2008, 54, 37-45.	0.2	0
82	Effects of Groundwater Withdrawal on the Interaction of Ex-Mining Pond, River, and Aquifer. Applied Mechanics and Materials, 0, 567, 38-43.	0.2	0
83	Soil Contamination, Risk Assessment and Remediation. , 0, , .		39