Ahmad Zaharin Aris

List of Publications by Citations

201 papers	4,524 citations	35 h-index	56 g-index
217 ext. papers	5,600 ext. citations	4.6 avg, IF	6.37 L-index

#	Paper	IF	Citations
201	Occurrence of 17α-ethynylestradiol (EE2) in the environment and effect on exposed biota: a review. *Environment International*, **2014**, 69, 104-19	12.9	333
200	Artificial neural network modeling of the water quality index for Kinta River (Malaysia) using water quality variables as predictors. *Marine Pollution Bulletin*, **2012**, 64, 2409-20	6.7	176
199	Spatial assessment of air quality patterns in Malaysia using multivariate analysis. *Atmospheric Environment*, **2012**, 60, 172-181	5.3	158
198	A review on economically adsorbents on heavy metals removal in water and wastewater. *Reviews in Environmental Science and Biotechnology*, **2014**, 13, 163-181	13.9	157
197	Continuous fixed-bed column study and adsorption modeling: Removal of cadmium (II) and lead (II) ions in aqueous solution by dead calcareous skeletons. *Biochemical Engineering Journal*, **2014**, 87, 50-61	4.2	105
196	Endocrine disrupting compounds in drinking water supply system and human health risk implication. *Environment International*, **2017**, 106, 207-233	12.9	95
195	Endocrine disrupting compounds (EDCs) in environmental matrices: Review of analytical strategies for pharmaceuticals, estrogenic hormones, and alkylphenol compounds. *TrAC - Trends in Analytical Chemistry*, **2016**, 85, 241-259	14.6	83
194	Drinking water studies: a review on heavy metal, application of biomarker and health risk assessment (a special focus in Malaysia). *Journal of Epidemiology and Global Health*, **2015**, 5, 297-310	5.5	72
193	Pharmaceuticals residues in selected tropical surface water bodies from Selangor (Malaysia): Occurrence and potential risk assessments. *Science of the Total Environment*, **2018**, 642, 230-240	10.2	70
192	Chemometric techniques in distribution, characterisation and source apportionment of polycyclic aromatic hydrocarbons (PAHS) in aquaculture sediments in Malaysia. *Marine Pollution Bulletin*, **2013** , 69, 55-66	6.7	68
191	Application of geoaccumulation index and enrichment factors on the assessment of heavy metal pollution in the sediments. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2013**, 48, 182-90	2.3	67
190	Characterization of spatial patterns in river water quality using chemometric pattern recognition techniques. *Marine Pollution Bulletin*, **2012**, 64, 688-98	6.7	66
189	Spatial variability of metals in surface water and sediment in the langat river and geochemical factors that influence their water-sediment interactions. *Scientific World Journal, The*, **2012**, 2012, 652150	2.2	63
188	Evaluation of factors influencing the groundwater chemistry in a small tropical island of Malaysia. *International Journal of Environmental Research and Public Health*, **2013**, 10, 1861-81	4.6	58
187	Identification of the hydrogeochemical processes in groundwater using classic integrated geochemical methods and geostatistical techniques, in Amol-Babol Plain, Iran. *Scientific World Journal, The*, **2014**, 2014, 419058	2.2	57
186	Classification of River Water Quality Using Multivariate Analysis. *Procedia Environmental Sciences*, **2015**, 30, 79-84		56
185	Detecting and predicting the impact of land use changes on groundwater quality, a case study in Northern Kelantan, Malaysia. *Science of the Total Environment*, **2017**, 599-600, 844-853	10.2	55

184	Assessment of groundwater vulnerability to anthropogenic pollution and seawater intrusion in a small tropical island using index-based methods. *Environmental Science and Pollution Research*, **2015**, 22, 1512-33	5.1	55
183	River water quality assessment using environmentric techniques: case study of Jakara River Basin. *Environmental Science and Pollution Research*, **2013**, 20, 5630-44	5.1	50
182	Anthropogenic waste indicators (AWIs), particularly PAHs and LABs, in Malaysian sediments: Application of aquatic environment for identifying anthropogenic pollution. *Marine Pollution Bulletin*, **2016**, 102, 160-75	6.7	48
181	Ecological risk estimation of organophosphorus pesticides in riverine ecosystems. *Chemosphere*, **2017**, 188, 575-581	8.4	47
180	Health Risk Assessment of Heavy Metal in Urban Surface Soil (Klang District, Malaysia). *Bulletin of Environmental Contamination and Toxicology*, **2015**, 95, 80-9	2.7	46
179	Analytical techniques for steroid estrogens in water samples - A review. *Chemosphere*, **2016**, 165, 358-368	8.4	44
178	Health Risk Assessment using in vitro digestion model in assessing bioavailability of heavy metal in rice: A preliminary study. *Food Chemistry*, **2015**, 188, 46-50	8.5	42
177	Geoaccumulation and distribution of heavy metals in the urban river sediment. *International Journal of Sediment Research*, **2014**, 29, 368-377	3	42
176	Hydrochemical changes in a small tropical island aquifer: Manukan Island, Sabah, Malaysia. *Environmental Geology*, **2009**, 56, 1721-1732		40
175	Occurrence and potential human health risk of pharmaceutical residues in drinking water from Putrajaya (Malaysia). *Ecotoxicology and Environmental Safety*, **2019**, 180, 549-556	7	39
174	Highly efficient removal of diazinon pesticide from aqueous solutions by using coconut shell-modified biochar. *Arabian Journal of Chemistry*, **2020**, 13, 6106-6121	5.9	39
173	Spatiotemporal variation of groundwater quality using integrated multivariate statistical and geostatistical approaches in Amol-Babol Plain, Iran. *Environmental Monitoring and Assessment*, **2014**, 186, 5797-815	3.1	39
172	Geo-accumulation index and contamination factors of heavy metals (Zn and Pb) in urban river sediment. *Environmental Geochemistry and Health*, **2017**, 39, 1259-1271	4.7	37
171	Multi-class of endocrine disrupting compounds in aquaculture ecosystems and health impacts in exposed biota. *Chemosphere*, **2017**, 188, 375-388	8.4	37
170	Occurrence and risk assessment of multiclass endocrine disrupting compounds in an urban tropical river and a proposed risk management and monitoring framework. *Science of the Total Environment*, **2019**, 671, 431-442	10.2	36
169	Health risk assessment of heavy metal exposure in urban soil from Seri Kembangan (Malaysia). *Arabian Journal of Geosciences*, **2015**, 8, 9753-9761	1.8	35
168	Bioaccumulation of heavy metals in maricultured fish, Lates calcarifer (Barramudi), Lutjanus campechanus (red snapper) and Lutjanus griseus (grey snapper). *Chemosphere*, **2018**, 197, 318-324	8.4	35
167	Preparation and characterisation of silver nanoparticle coated on cellulose paper: evaluation of their potential as antibacterial water filter. *Journal of Experimental Nanoscience*, **2016**, 11, 1307-1319	1.9	35

166	Extent and severity of groundwater contamination based on hydrochemistry mechanism of sandy tropical coastal aquifer. *Science of the Total Environment*, **2012**, 438, 414-25	10.2	34
165	Occurrence and level of emerging organic contaminant in fish and mollusk from Klang River estuary, Malaysia and assessment on human health risk. *Environmental Pollution*, **2019**, 248, 763-773	9.3	33
164	Occurrence, distribution, and sources of emerging organic contaminants in tropical coastal sediments of anthropogenically impacted Klang River estuary, Malaysia. *Marine Pollution Bulletin*, **2018**, 131, 284-293	6.7	33
163	Spatial Geochemical Distribution and Sources of Heavy Metals in the Sediment of Langat River, Western Peninsular Malaysia. *Environmental Forensics*, **2013**, 14, 133-145	1.6	32
162	Application of enrichment factor, geoaccumulation index, and ecological risk index in assessing the elemental pollution status of surface sediments. *Environmental Geochemistry and Health*, **2019**, 41, 27-42	4.7	31
161	An integrated assessment of seawater intrusion in a small tropical island using geophysical, geochemical, and geostatistical techniques. *Environmental Science and Pollution Research*, **2014**, 21, 7047-64	5.1	31
160	Baseline metals pollution profile of tropical estuaries and coastal waters of the Straits of Malacca. *Marine Pollution Bulletin*, **2013**, 74, 471-6	6.7	31
159	Mercury and methylmercury distribution in the intertidal surface sediment of a heavily anthrophogenically impacted saltwater-mangrove-sediment interplay zone. *Chemosphere*, **2017**, 166, 323-333	8.4	31
158	Spatial Assessment of Groundwater Quality Monitoring Wells Using Indicator Kriging and Risk Mapping, Amol-Babol Plain, Iran. *Water (Switzerland)*, **2014**, 6, 68-85	3	31
157	Spatial assessment of Langat River water quality using chemometrics. *Journal of Environmental Monitoring*, **2010**, 12, 287-95		31
156	Multivariate and Geoaccumulation Index evaluation in mangrove surface sediment of Mengkabong lagoon, Sabah. *Bulletin of Environmental Contamination and Toxicology*, **2008**, 81, 52-6	2.7	30
155	Quantification of selected steroid hormones (17β-Estradiol and 17α-Ethynylestradiol) in wastewater treatment plants in Klang Valley (Malaysia). *Chemosphere*, **2019**, 215, 153-162	8.4	30
154	Hydrogeochemistry and groundwater quality assessment of the multilayered aquifer in Lower Kelantan Basin, Kelantan, Malaysia. *Environmental Earth Sciences*, **2018**, 77, 1	2.9	30
153	Quantification of multi-classes of endocrine-disrupting compounds in estuarine water. *Environmental Pollution*, **2019**, 249, 1019-1028	9.3	29
152	Application of Low-Cost Materials Coated with Silver Nanoparticle as Water Filter in Escherichia coli Removal. *Water Quality, Exposure, and Health*, **2015**, 7, 617-625		29
151	Surface Water Organophosphorus Pesticides Concentration and Distribution in the Langat River, Selangor, Malaysia. *Exposure and Health*, **2016**, 8, 497-511	8.8	29
150	Groundwater resources assessment using numerical model: A case study in low-lying coastal area. *International Journal of Environmental Science and Technology*, **2010**, 7, 135-146	3.3	28
149	Statistical approaches and hydrochemical modelling of groundwater system in a small tropical island. *Journal of Hydroinformatics*, **2012**, 14, 206-220	2.6	28

148	The geoaccumulation index and enrichment factor of mercury in mangrove sediment of Port Klang, Selangor, Malaysia. *Arabian Journal of Geosciences*, **2013**, 6, 4119-4128	1.8	27
147	Contamination assessment and potential human health risks of heavy metals in Klang urban soils: a preliminary study. *Environmental Earth Sciences*, **2015**, 73, 8155-8165	2.9	26
146	Bisphenol A and alkylphenols concentrations in selected mariculture fish species from Pulau Kukup, Johor, Malaysia. *Marine Pollution Bulletin*, **2018**, 127, 536-540	6.7	26
145	Application of the chemometric approach to evaluate the spatial variation of water chemistry and the identification of the sources of pollution in Langat River, Malaysia. *Arabian Journal of Geosciences*, **2013**, 6, 4891-4901	1.8	26
144	Spatial aspects of surface water quality in the Jakara Basin, Nigeria using chemometric analysis. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2012**, 47, 1455-65	2.3	26
143	Spatial variation impact of landscape patterns and land use on water quality across an urbanized watershed in Bentong, Malaysia. *Ecological Indicators*, **2021**, 122, 107254	5.8	26
142	An improved SPE-LC-MS/MS method for multiclass endocrine disrupting compound determination in tropical estuarine sediments. *Talanta*, **2017**, 173, 51-59	6.2	25
141	Occurrence and public-perceived risk of endocrine disrupting compounds in drinking water. *Npj Clean Water*, **2019**, 2,	11.2	25
140	Spatial and temporal air quality pattern recognition using environmetric techniques: a case study in Malaysia. *Environmental Sciences: Processes and Impacts*, **2013**, 15, 1717-28	4.3	25
139	Surface water quality contamination source apportionment and physicochemical characterization at the upper section of the Jakara Basin, Nigeria. *Arabian Journal of Geosciences*, **2013**, 6, 4903-4915	1.8	24
138	Coral reefs studies and threats in Malaysia: a mini review. *Reviews in Environmental Science and Biotechnology*, **2012**, 11, 27-39	13.9	24
137	Occurrence of selected estrogenic compounds and estrogenic activity in surface water and sediment of Langat River (Malaysia). *Environmental Monitoring and Assessment*, **2016**, 188, 442	3.1	24
136	The long-term impacts of anthropogenic and natural processes on groundwater deterioration in a multilayered aquifer. *Science of the Total Environment*, **2018**, 630, 931-942	10.2	23
135	The levels of mercury, methylmercury and selenium and the selenium health benefit value in grey-eel catfish (Plotosus canius) and giant mudskipper (Periophthalmodon schlosseri) from the Strait of Malacca. *Chemosphere*, **2016**, 152, 265-73	8.4	23
134	Metal-organic frameworks (MOFs) for the adsorptive removal of selected endocrine disrupting compounds (EDCs) from aqueous solution: A review. *Applied Materials Today*, **2020**, 21, 100796	6.6	23
133	A baseline study of tropical coastal water quality in Port Dickson, Strait of Malacca, Malaysia. *Marine Pollution Bulletin*, **2013**, 67, 196-9	6.7	22
132	Evaluation of heavy metal contamination in groundwater samples from Kapas Island, Terengganu, Malaysia. *Arabian Journal of Geosciences*, **2014**, 7, 1087-1100	1.8	22
131	Quality of Kelantan drinking water and knowledge, attitude and practice among the population of Pasir Mas, Malaysia. *Public Health*, **2016**, 131, 103-11	4	21

130	Distribution of metals and quality of intertidal surface sediment near commercial ports and estuaries of urbanized rivers in Port Klang, Malaysia. *Environmental Earth Sciences*, **2015**, 73, 7205-7218	2.9	20
129	Evaluation of distribution and sources of sewage molecular marker (LABs) in selected rivers and estuaries of Peninsular Malaysia. *Environmental Science and Pollution Research*, **2016**, 23, 5693-704	5.1	20
128	Mercury contamination in the estuaries and coastal sediments of the Strait of Malacca. *Environmental Monitoring and Assessment*, **2015**, 187, 4099	3.1	20
127	Effect of data pre-treatment procedures on principal component analysis: a case study for mangrove surface sediment datasets. *Environmental Monitoring and Assessment*, **2012**, 184, 6855-68	3.1	20
126	Trace metal (Cd, Cu, Fe, Mn, Ni and Zn) accumulation in Scleractinian corals: a record for Sabah, Borneo. *Marine Pollution Bulletin*, **2012**, 64, 2556-63	6.7	20
125	The impacts of COVID-19 on the environmental sustainability: a perspective from the Southeast Asian region. *Environmental Science and Pollution Research*, **2021**, 28, 63829-63836	5.1	20
124	Artificial neural network modeling of the water quality index using land use areas as predictors. *Water Environment Research*, **2015**, 87, 99-112	2.8	18
123	Heavy Metal Contamination in Urban Surface Soil of Klang District (Malaysia). *Soil and Sediment Contamination*, **2015**, 24, 865-881	3.2	18
122	Risk assessment of pharmaceutically active compounds (PhACs) in the Klang River estuary, Malaysia. *Environmental Geochemistry and Health*, **2019**, 41, 211-223	4.7	18
121	Characterization of Water Quality Conditions in the Klang River Basin, Malaysia Using Self Organizing Map and K-means Algorithm. *Procedia Environmental Sciences*, **2015**, 30, 73-78		18
120	Spatial-temporal variation of surface water quality in the downstream region of the Jakara River, north-western Nigeria: A statistical approach. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2012**, 47, 1551-60	2.3	18
119	Cation dependence, pH tolerance, and dosage requirement of a bioflocculant produced by Bacillus spp. UPMB13: flocculation performance optimization through kaolin assays. *Scientific World Journal, The*, **2012**, 2012, 495659	2.2	18
118	A pristine environment and water quality in perspective: Maliau Basin, Borneo's mysterious world. *Water and Environment Journal*, **2009**, 23, 219-228	1.7	18
117	Recent Advances in the Rejection of Endocrine-Disrupting Compounds from Water Using Membrane and Membrane Bioreactor Technologies: A Review. *Polymers*, **2021**, 13,	4.5	18
116	Groundwater irrigation quality mapping using geostatistical techniques in AmolBabol Plain, Iran. *Arabian Journal of Geosciences*, **2015**, 8, 961-976	1.8	17
115	Preliminary Study of Heavy Metal (Zn, Pb, Cr, Ni) Contaminations in Langat River Estuary, Selangor. *Procedia Environmental Sciences*, **2015**, 30, 285-290		17
114	The Influence of Seawater on the Chemical Composition of Groundwater in a Small Island: The Example of Manukan Island, East Malaysia. *Journal of Coastal Research*, **2012**, 279, 64-75	0.6	17
113	Understanding of groundwater salinity using statistical modeling in a small tropical island, East Malaysia. *The Environmentalist*, **2011**, 31, 279-287		17

112	Active pharmaceutical ingredients in Malaysian drinking water: consumption, exposure, and human health risk. *Environmental Geochemistry and Health*, **2020**, 42, 3247-3261	4.7	16
111	Concentration of ions in selected bottled water samples sold in Malaysia. *Applied Water Science*, **2013**, 3, 67-75	5	16
110	Accumulation and risk assessment of heavy metals employing species sensitivity distributions in Linggi River, Negeri Sembilan, Malaysia. *Ecotoxicology and Environmental Safety*, **2021**, 211, 111905	7	16
109	Groundwater quality assessment using integrated geochemical methods, multivariate statistical analysis, and geostatistical technique in shallow coastal aquifer of Terengganu, Malaysia. *Arabian Journal of Geosciences*, **2017**, 10, 1	1.8	15
108	An overview assessment of the effectiveness and global popularity of some methods used in measuring riverbank filtration. *Journal of Hydrology*, **2017**, 550, 497-515	6	15
107	Determination of Heavy Metals in Indoor Dust From Primary School (Sri Serdang, Malaysia): Estimation of the Health Risks. *Environmental Forensics*, **2015**, 16, 257-263	1.6	15
106	Assessment of bioavailability and human health exposure risk to heavy metals in surface soils (Klang district, Malaysia). *Toxin Reviews*, **2018**, 37, 196-205	2.3	15
105	Phosphoric acid modified kenaf fiber (K-PA) as green adsorbent for the removal of copper (II) ions towards industrial waste water effluents. *Reactive and Functional Polymers*, **2020**, 147, 104466	4.6	15
104	Factors Controlling the Suspended Sediment Yield During Rainfall Events of Dry and Wet Weather Conditions in A Tropical Urban Catchment. *Water Resources Management*, **2015**, 29, 4519-4538	3.7	14
103	Status, source identification, and health risks of potentially toxic element concentrations in road dust in a medium-sized city in a developing country. *Environmental Geochemistry and Health*, **2018**, 40, 749-762	4.7	14
102	A preliminary appraisal of the effect of pumping on seawater intrusion and upconing in a small tropical island using 2D resistivity technique. *Scientific World Journal, The*, **2014**, 2014, 796425	2.2	14
101	Dynamic behaviour of Cd2+ adsorption in equilibrium batch studies by CaCO3(-)-rich Corbicula fluminea shell. *Environmental Science and Pollution Research*, **2014**, 21, 344-54	5.1	14
100	Sustainable groundwater management on the small island of Manukan, Malaysia. *Environmental Earth Sciences*, **2012**, 66, 719-728	2.9	14
99	Occurrence of endocrine disrupting compounds in mariculture sediment of Pulau Kukup, Johor, Malaysia. *Marine Pollution Bulletin*, **2020**, 150, 110735	6.7	14
98	Occurrence of multiclass endocrine disrupting compounds in a drinking water supply system and associated risks. *Scientific Reports*, **2020**, 10, 17755	4.9	14
97	Elemental hydrochemistry assessment on its variation and quality status in Langat River, Western Peninsular Malaysia. *Environmental Earth Sciences*, **2013**, 70, 993-1004	2.9	13
96	Bioavailability of heavy metals using in vitro digestion model: a state of present knowledge. *Reviews on Environmental Health*, **2013**, 28, 181-7	3.8	13
95	An overview of groundwater chemistry studies in Malaysia. *Environmental Science and Pollution Research*, **2018**, 25, 7231-7249	5.1	12

94	Temporal flood incidence forecasting for Segamat River (Malaysia) using autoregressive integrated moving average modelling. *Journal of Flood Risk Management*, **2018**, 11, S794-S804	3.1	12
93	Efficient forecasting model technique for river stream flow in tropical environment. *Urban Water Journal*, **2019**, 16, 183-192	2.3	12
92	Hydrogeochemistry of Groundwater from Different Aquifer in Lower Kelantan Basin, Kelantan, Malaysia. *Procedia Environmental Sciences*, **2015**, 30, 151-156		12
91	Mini review of mercury contamination in environment and human with an emphasis on Malaysia: status and needs. *Reviews on Environmental Health*, **2013**, 28, 195-202	3.8	12
90	Evidence of climate variability from rainfall and temperature fluctuations in semi-arid region of the tropics. *Atmospheric Research*, **2019**, 224, 52-64	5.4	11
89	Application of Environmetric Methods to Surface Water Quality Assessment of Langkawi Geopark (Malaysia). *Environmental Forensics*, **2013**, 14, 230-239	1.6	11
88	Microplastic pollution in tropical estuary gastropods: Abundance, distribution and potential sources of Klang River estuary, Malaysia. *Marine Pollution Bulletin*, **2021**, 162, 111866	6.7	11
87	Mercury accumulation in marine fish most favoured by Malaysian women, the predictors and the potential health risk. *Environmental Science and Pollution Research*, **2016**, 23, 23714-23729	5.1	10
86	Statistical Approach in Determining the Spatial Changes of Surface Water Quality at the Upper Course of Kano River, Nigeria. *Water Quality, Exposure, and Health*, **2014**, 6, 127-142		10
85	Experimental determination of Cd2+ adsorption mechanism on low-cost biological waste. *Frontiers of Environmental Science and Engineering*, **2013**, 7, 356-364	5.8	10
84	Temporal aspects of surface water quality variation using robust statistical tools. *Scientific World Journal, The*, **2012**, 2012, 294540	2.2	10
83	Phytoremediation of Gold Mine Tailings Amended with Iron-Coated and Uncoated Rice Husk Ash by Vetiver Grass (Vetiveria zizanioides(Linn.) Nash). *Applied and Environmental Soil Science*, **2016**, 2016, 1-12	3.8	10
82	Risk of Dietary Mercury Exposure via Marine Fish Ingestion: Assessment Among Potential Mothers in Malaysia. *Exposure and Health*, **2019**, 11, 227-236	8.8	10
81	Tap water contamination: Multiclass endocrine disrupting compounds in different housing types in an urban settlement. *Chemosphere*, **2021**, 264, 128488	8.4	10
80	Seasonal variability of anthropogenic indices of PAHs in sediment from the Kuala Selangor River, west coast Peninsular Malaysia. *Environmental Geochemistry and Health*, **2018**, 40, 2551-2572	4.7	10
79	Bioavailability and mobility of arsenic, cadmium, and manganese in gold mine tailings amended with rice husk ash and Fe-coated rice husk ash. *Environmental Monitoring and Assessment*, **2019**, 191, 232	3.1	9
78	Public awareness level and occurrence of pharmaceutical residues in drinking water with potential health risk: A study from Kajang (Malaysia). *Ecotoxicology and Environmental Safety*, **2019**, 185, 109681	7	9
77	Groundwater Assessment at Manukan Island, Sabah: Multidisplinary Approaches. *Natural Resources Research*, **2010**, 19, 279-291	4.9	9

76	Tape seagrass (Enhalus acoroides) as a bioindicator of trace metal contamination in Merambong shoal, Johor Strait, Malaysia. *Marine Pollution Bulletin*, **2018**, 126, 113-118	6.7	9
75	Applying the scores of multivariate statistical analyses to characterize the relationships between the hydrochemical properties and groundwater conditions in respect of the monsoon variation in Kapas Island, Terengganu, Malaysia. *Environmental Earth Sciences*, **2017**, 76, 1	2.9	8
74	Mathematical modeling for estrogenic activity prediction of 17β-estradiol and 17α-ethynylestradiol mixtures in wastewater treatment plants effluent. *Ecotoxicology*, **2017**, 26, 1327-1335	2.9	8
73	The effects of rice husk ashes and inorganic fertilizers application rates on the phytoremediation of gold mine tailings by vetiver grass. *Applied Geochemistry*, **2019**, 108, 104366	3.5	8
72	A novel approach for the adsorption of cadmium ions in aqueous solution by dead calcareous skeletons. *Desalination and Water Treatment*, **2014**, 52, 3169-3177		8
71	A review of groundwater in islands using SWOT analysis. *World Review of Science, Technology and Sustainable Development*, **2009**, 6, 186	1	8
70	Natural and Anthropogenic Determinants of Freshwater Ecosystem Deterioration: An Environmental Forensic Study of the Langat River Basin, Malaysia. *Springer Earth System Sciences*, **2015**, 455-476	0.3	8
69	Multi-Objective Based Approach for Groundwater Quality Monitoring Network Optimization. *Water Resources Management*, **2015**, 29, 5141-5156	3.7	7
68	A GIS-index integration approach to groundwater suitability zoning for irrigation purposes. *Arabian Journal of Geosciences*, **2016**, 9, 1	1.8	7
67	Influential factors on the levels of cation exchange capacity in sediment at Langat river. *Arabian Journal of Geosciences*, **2013**, 6, 3049-3058	1.8	7
66	Influential Factors on the Cation Exchange Capacity in Sediment of Merambong Shoal, Johor. *Procedia Environmental Sciences*, **2015**, 30, 186-189		7
65	Stability Behavior and Thermodynamic States of Iron and Manganese in Sandy Soil Aquifer, Manukan Island, Malaysia. *Natural Resources Research*, **2011**, 20, 45-56	4.9	7
64	Groundwater Solution Techniques: Environmental Applications. *Journal of Water Resource and Protection*, **2010**, 02, 8-13	0.7	7
63	Discriminant analysis for the prediction of sand mass distribution in an urban stormwater holding pond using simulated depth average flow velocity data. *Environmental Monitoring and Assessment*, **2016**, 188, 191	3.1	6
62	Assessment of Tidal and Anthropogenic Impacts on Coastal Waters by Exploratory Data Analysis: An Example from Port Dickson, Strait of Malacca, Malaysia. *Environmental Forensics*, **2013**, 14, 146-154	1.6	6
61	Groundwater studies in tropical islands: Malaysian perspective. *Episodes*, **2010**, 33, 200-204	1.6	6
60	Occurrence, abundance, and distribution of microplastics pollution: an evidence in surface tropical water of Klang River estuary, Malaysia. *Environmental Geochemistry and Health*, **2021**, 43, 3733-3748	4.7	6
59	Fecal indicator bacteria in tropical beach sand: Baseline findings from Port Dickson coastline, Strait of Malacca (Malaysia). *Marine Pollution Bulletin*, **2016**, 110, 609-612	6.7	6

58	Local community acceptance of the rare earth industry: the case of the Lynas Advanced Materials Plant (LAMP) in Malaysia. *Environment, Development and Sustainability*, **2016**, 18, 739-762	4.5	6
57	Runoff irregularities, trends, and variations in tropical semi-arid river catchment. *Journal of Hydrology: Regional Studies*, **2018**, 19, 335-348	3.6	6
56	Factors responsible for spatial and temporal variation of soil CO2 efflux in a 50 year recovering tropical forest, Peninsular Malaysia. *Environmental Earth Sciences*, **2015**, 73, 5559-5569	2.9	5
55	Using particle tracking as a tool sustainable bank infiltration techniques: a case study in an alluvial area. *Arabian Journal of Geosciences*, **2015**, 8, 1571-1590	1.8	5
54	Occurrence and potential risk of organophosphorus pesticides in urbanised Linggi River, Negeri Sembilan, Malaysia. *Environmental Geochemistry and Health*, **2020**, 42, 3703-3715	4.7	5
53	Hydrogeochemistry Characteristics in Kampong Salang, Tioman Island, Pahang, Malaysia. *IOP Conference Series: Materials Science and Engineering*, **2016**, 136, 012065	0.4	5
52	Particle tracking analysis of river□aquifer interaction via bank infiltration techniques. *Environmental Earth Sciences*, **2014**, 72, 3129-3142	2.9	5
51	Geochemometric approach to groundwater quality and health risk assessment of heavy metals of Yankari Game Reserve and its environs, Northeast Nigeria. *Journal of Cleaner Production*, **2022**, 330, 129916	10.3	5
50	Occurrence, environmental implications and risk assessment of Bisphenol A in association with colloidal particles in an urban tropical river in Malaysia. *Scientific Reports*, **2020**, 10, 20360	4.9	5
49	Bayesian Extreme for Modeling High PM10 Concentration in Johor. *Procedia Environmental Sciences* , **2015**, 30, 309-314		4
48	Water quality assessment and analysis of spatial patterns and temporal trends. *Water Environment Research*, **2013**, 85, 751-66	2.8	4
47	Potential Health Risk Assessment of Urban Soil on Heavy Metal Content in Seri Kembangan **2014**, 77-81		4
46	Occurrence and distribution of endocrine-disrupting chemicals in mariculture fish and the human health implications. *Food Chemistry*, **2021**, 345, 128806	8.5	4
45	An overview of the effects of nanoplastics on marine organisms.. *Science of the Total Environment*, **2022**, 154757	10.2	4
44	Identification of Saltwater Intrusion/Assessment Scheme in Groundwater Using the Role of Empirical Knowledge. *Procedia Environmental Sciences*, **2015**, 30, 291-296		3
43	Modeling of Water Balance Components in a Small Island via a Numerical Model Application. *Journal of Coastal Research*, **2012**, 279, 202-209	0.6	3
42	A Baseline Study on Groundwater Quality of the Tourist Island, Pulau Tiga, Sabah, Malaysia. *Modern Applied Science*, **2009**, 3,	1.3	3
41	Numerical simulation of seawater intrusion in Manukan Island, East Malaysia. *Journal of Modelling in Management*, **2011**, 6, 317-333	2.2	3

40	Saturation states of carbonate minerals in a freshwater-seawater mixing zone of small tropical island aquifer. *Diqiu Huaxue*, **2010**, 29, 278-286		3
39	Rotifer community structure in tropical lakes with different environmental characteristics related to ecosystem health. *Journal of Environmental Biology*, **2018**, 39, 795-807	1.6	3
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