Ahmad Zaharin Aris

List of Publications by Year
in descending order

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210 papers	6,902 citations	66234 42 h-index	91712 69 g-index
217 all docs	217 docs citations	217 times ranked	7353 citing authors

#	Article	IF	Citations
1	Occurrence of 17Î±-ethynylestradiol (EE2) in the environment and effect on exposed biota: a review. Environment International, 2014, 69, 104-119.	4.8	416
2	Artificial neural network modeling of the water quality index for Kinta River (Malaysia) using water quality variables as predictors. Marine Pollution Bulletin, 2012, 64, 2409-2420.	2.3	280
3	Spatial assessment of air quality patterns in Malaysia using multivariate analysis. Atmospheric Environment, 2012, 60, 172-181.	1.9	209
4	A review on economically adsorbents on heavy metals removal in water and wastewater. Reviews in Environmental Science and Biotechnology, 2014, 13, 163-181.	3.9	193
5	Endocrine disrupting compounds in drinking water supply system and human health risk implication. Environment International, 2017, 106, 207-233.	4.8	152
6	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.	1.8	147
7	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.	3.9	128
8	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.	5.8	109
9	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.	1.1	103
10	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, 182-190.	0.9	87
11	Highly efficient removal of diazinon pesticide from aqueous solutions by using coconut shell-modified biochar. Arabian Journal of Chemistry, 2020, 13, 6106-6121.	2.3	86
12	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, 1-15.	0.8	85
13	Characterization of spatial patterns in river water quality using chemometric pattern recognition techniques. Marine Pollution Bulletin, 2012, 64, 688-698.	2.3	84
14	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.	2.3	83
15	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.	3.9	83
16	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.	3.9	81
17	River water quality assessment using environmentric techniques: case study of Jakara River Basin. Environmental Science and Pollution Research, 2013, 20, 5630-5644.	2.7	79
18	Classification of River Water Quality Using Multivariate Analysis. Procedia Environmental Sciences, 2015, 30, 79-84.	1.3	77

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19	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, 1-14.	0.8	74
20	Evaluation of Factors Influencing the Groundwater Chemistry in a Small Tropical Island of Malaysia. International Journal of Environmental Research and Public Health, 2013, 10, 1861-1881.	1.2	73
21	Ecological risk estimation of organophosphorus pesticides in riverine ecosystems. Chemosphere, 2017, 188, 575-581.	4.2	71
22	Occurrence and potential human health risk of pharmaceutical residues in drinking water from Putrajaya (Malaysia). Ecotoxicology and Environmental Safety, 2019, 180, 549-556.	2.9	70
23	Spatial variation impact of landscape patterns and land use on water quality across an urbanized watershed in Bentong, Malaysia. Ecological Indicators, 2021, 122, 107254.	2.6	69
24	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, 1512-1533.	2.7	68
25	Anthropogenic waste indicators (AWIs), particularly PAHs and LABs, in Malaysian sediments: Application of aquatic environment for identifying anthropogenic pollution. Marine Pollution Bulletin, 2016, 102, 160-175.	2.3	66
26	Geo-accumulation index and contamination factors of heavy metals (Zn and Pb) in urban river sediment. Environmental Geochemistry and Health, 2017, 39, 1259-1271.	1.8	65
27	Health Risk Assessment of Heavy Metal in Urban Surface Soil (Klang District, Malaysia). Bulletin of Environmental Contamination and Toxicology, 2015, 95, 80-89.	1.3	63
28	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.	3.7	60
29	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.	4.2	58
30	Analytical techniques for steroid estrogens in water samples - A review. Chemosphere, 2016, 165, 358-368.	4.2	55
31	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.	1.8	55
32	Spatiotemporal variation of groundwater quality using integrated multivariate statistical and geostatistical approaches in Amolâ€“Babol Plain, Iran. Environmental Monitoring and Assessment, 2014, 186, 5797-5815.	1.3	54
33	Multi-class of endocrine disrupting compounds in aquaculture ecosystems and health impacts in exposed biota. Chemosphere, 2017, 188, 375-388.	4.2	54
34	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.	2.3	52
35	Geoaccumulation and distribution of heavy metals in the urban river sediment. International Journal of Sediment Research, 2014, 29, 368-377.	1.8	51
36	Quantification of multi-classes of endocrine-disrupting compounds in estuarine water. Environmental Pollution, 2019, 249, 1019-1028.	3.7	51

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37	Occurrence and public-perceived risk of endocrine disrupting compounds in drinking water. Npj Clean Water, 2019, 2, .	3.1	51
38	Bioaccumulation of heavy metals in maricultured fish, Lates calcarifer (Barramudi), Lutjanus campechanus (red snapper) and Lutjanus griseus (grey snapper). Chemosphere, 2018, 197, 318-324.	4.2	48
39	Hydrochemical changes in a small tropical islandâ€™s aquifer: Manukan Island, Sabah, Malaysia. Environmental Geology, 2009, 56, 1721-1732.	1.2	47
40	An integrated assessment of seawater intrusion in a small tropical island using geophysical, geochemical, and geostatistical techniques. Environmental Science and Pollution Research, 2014, 21, 7047-7064.	2.7	47
41	Health risk assessment of heavy metal exposure in urban soil from Seri Kembangan (Malaysia). Arabian Journal of Geosciences, 2015, 8, 9753-9761.	0.6	47
42	Accumulation and risk assessment of heavy metals employing species sensitivity distributions in Linggi River, Negeri Sembilan, Malaysia. Ecotoxicology and Environmental Safety, 2021, 211, 111905.	2.9	47
43	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.	2.7	46
44	Surface Water Organophosphorus Pesticides Concentration and Distribution in the Langat River, Selangor, Malaysia. Exposure and Health, 2016, 8, 497-511.	2.8	44
45	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.	1.3	44
46	Quantification of selected steroid hormones (17Î²-Estradiol and 17Î±-Ethynylestradiol) in wastewater treatment plants in Klang Valley (Malaysia). Chemosphere, 2019, 215, 153-162.	4.2	44
47	Extent and severity of groundwater contamination based on hydrochemistry mechanism of sandy tropical coastal aquifer. Science of the Total Environment, 2012, 438, 414-425.	3.9	43
48	Baseline metals pollution profile of tropical estuaries and coastal waters of the Straits of Malacca. Marine Pollution Bulletin, 2013, 74, 471-476.	2.3	43
49	Hydrogeochemistry and groundwater quality assessment of the multilayered aquifer in Lower Kelantan Basin, Kelantan, Malaysia. Environmental Earth Sciences, 2018, 77, 1.	1.3	42
50	Spatial Assessment of Groundwater Quality Monitoring Wells Using Indicator Kriging and Risk Mapping, Amol-Babol Plain, Iran. Water (Switzerland), 2014, 6, 68-85.	1.2	41
51	Spatial Geochemical Distribution and Sources of Heavy Metals in the Sediment of Langat River, Western Peninsular Malaysia. Environmental Forensics, 2013, 14, 133-145.	1.3	40
52	Bisphenol A and alkylphenols concentrations in selected mariculture fish species from Pulau Kukup, Johor, Malaysia. Marine Pollution Bulletin, 2018, 127, 536-540.	2.3	40
53	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.	1.8	40
54	An overview of the effects of nanoplastics on marine organisms. Science of the Total Environment, 2022, 831, 154757.	3.9	40

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55	Spatial and temporal air quality pattern recognition using environmetric techniques: a case study in Malaysia. Environmental Sciences: Processes and Impacts, 2013, 15, 1717.	1.7	39
56	Mercury and methylmercury distribution in the intertidal surface sediment of a heavily anthrophogenically impacted saltwater-mangrove-sediment interplay zone. Chemosphere, 2017, 166, 323-333.	4.2	39
57	Spatial assessment of Langat river water quality using chemometrics. Journal of Environmental Monitoring, 2010, 12, 287-295.	2.1	38
58	The geoaccumulation index and enrichment factor of mercury in mangrove sediment of Port Klang, Selangor, Malaysia. Arabian Journal of Geosciences, 2013, 6, 4119-4128.	0.6	38
59	Recent Advances in the Rejection of Endocrine-Disrupting Compounds from Water Using Membrane and Membrane Bioreactor Technologies: A Review. Polymers, 2021, 13, 392.	2.0	38
60	Multivariate and Geoaccumulation Index Evaluation in Mangrove Surface Sediment of Mengkabong Lagoon, Sabah. Bulletin of Environmental Contamination and Toxicology, 2008, 81, 52-56.	1.3	37
61	Coral reefs studies and threats in Malaysia: a mini review. Reviews in Environmental Science and Biotechnology, 2012, 11, 27-39.	3.9	37
62	Occurrence of multiclass endocrine disrupting compounds in a drinking water supply system and associated risks. Scientific Reports, 2020, 10, 17755.	1.6	37
63	A baseline study of tropical coastal water quality in Port Dickson, Strait of Malacca, Malaysia. Marine Pollution Bulletin, 2013, 67, 196-199.	2.3	36
64	Active pharmaceutical ingredients in Malaysian drinking water: consumption, exposure, and human health risk. Environmental Geochemistry and Health, 2020, 42, 3247-3261.	1.8	36
65	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.	3.9	35
66	Microplastic pollution in tropical estuary gastropods: Abundance, distribution and potential sources of Klang River estuary, Malaysia. Marine Pollution Bulletin, 2021, 162, 111866.	2.3	35
67	Statistical approaches and hydrochemical modelling of groundwater system in a small tropical island. Journal of Hydroinformatics, 2012, 14, 206-220.	1.1	34
68	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.	0.6	34
69	An improved SPE-LC-MS/MS method for multiclass endocrine disrupting compound determination in tropical estuarine sediments. Talanta, 2017, 173, 51-59.	2.9	34
70	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.	2.3	34
71	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.	4.6	34
72	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.	1.5	33

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73	Risk assessment of pharmaceutically active compounds (PhACs) in the Klang River estuary, Malaysia. Environmental Geochemistry and Health, 2019, 41, 211-223.	1.8	33
74	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.	2.0	33
75	Contamination assessment and potential human health risks of heavy metals in Klang urban soils: a preliminary study. Environmental Earth Sciences, 2015, 73, 8155-8165.	1.3	32
76	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, 265-273.	4.2	32
77	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.	1.8	31
78	Occurrence of selected estrogenic compounds and estrogenic activity in surface water and sediment of Langat River (Malaysia). Environmental Monitoring and Assessment, 2016, 188, 442.	1.3	31
79	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, 5693-5704.	2.7	30
80	Quality of Kelantan drinking water and knowledge, attitude and practice among the population of Pasir Mas, Malaysia. Public Health, 2016, 131, 103-111.	1.4	30
81	Determination of Heavy Metals in Indoor Dust From Primary School (Sri Serdang, Malaysia): Estimation of the Health Risks. Environmental Forensics, 2015, 16, 257-263.	1.3	29
82	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, 1455-1465.	0.9	28
83	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.	1.8	28
84	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.	0.6	27
85	Evaluation of heavy metal contamination in groundwater samples from Kapas Island, Terengganu, Malaysia. Arabian Journal of Geosciences, 2014, 7, 1087-1100.	0.6	27
86	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.	0.6	27
87	Occurrence of endocrine disrupting compounds in mariculture sediment of Pulau Kukup, Johor, Malaysia. Marine Pollution Bulletin, 2020, 150, 110735.	2.3	27
88	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.	1.3	26
89	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.	1.3	26
90	An overview of groundwater chemistry studies in Malaysia. Environmental Science and Pollution Research, 2018, 25, 7231-7249.	2.7	26

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91	Effect of data pre-treatment procedures on principal component analysis: a case study for mangrove surface sediment datasets. Environmental Monitoring and Assessment, 2012, 184, 6855-6868.	1.3	25
92	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.	1.4	25
93	Tap water contamination: Multiclass endocrine disrupting compounds in different housing types in an urban settlement. Chemosphere, 2021, 264, 128488.	4.2	25
94	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, 1551-1560.	0.9	24
95	Evidence of climate variability from rainfall and temperature fluctuations in semi-arid region of the tropics. Atmospheric Research, 2019, 224, 52-64.	1.8	24
96	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.	1.6	24
97	Pharmaceuticals, hormones, plasticizers, and pesticides in drinking water. Journal of Hazardous Materials, 2022, 424, 127327.	6.5	24
98	A pristine environment and water quality in perspective: Maliau Basin, Borneo's mysterious world. Water and Environment Journal, 2009, 23, 219-228.	1.0	23
99	Trace metal (Cd, Cu, Fe, Mn, Ni and Zn) accumulation in Scleractinian corals: A record for Sabah, Borneo. Marine Pollution Bulletin, 2012, 64, 2556-2563.	2.3	23
100	Cation Dependence, pH Tolerance, and Dosage Requirement of a Bioflocculant Produced byBacillusspp. UPMB13: Flocculation Performance Optimization through Kaolin Assays. Scientific World Journal, The, 2012, 2012, 1-7.	0.8	23
101	Concentration of ions in selected bottled water samples sold in Malaysia. Applied Water Science, 2013, 3, 67-75.	2.8	23
102	Preliminary Study of Heavy Metal (Zn, Pb, Cr, Ni) Contaminations in Langat River Estuary, Selangor. Procedia Environmental Sciences, 2015, 30, 285-290.	1.3	23
103	Mercury contamination in the estuaries and coastal sediments of the Strait of Malacca. Environmental Monitoring and Assessment, 2015, 187, 4099.	1.3	23
104	Artificial Neural Network Modeling of the Water Quality Index Using Land Use Areas as Predictors. Water Environment Research, 2015, 87, 99-112.	1.3	23
105	Heavy Metal Contamination in Urban Surface Soil of Klang District (Malaysia). Soil and Sediment Contamination, 2015, 24, 865-881.	1.1	23
106	Groundwater irrigation quality mapping using geostatistical techniques in Amolâ€“Babol Plain, Iran. Arabian Journal of Geosciences, 2015, 8, 961-976.	0.6	23
107	Assessment of bioavailability and human health exposure risk to heavy metals in surface soils (Klang) Tj ETQq1 1 0.784314 rgBT /Over	1.5	23
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.	2.3	22

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109	Occurrence and distribution of endocrine-disrupting chemicals in mariculture fish and the human health implications. Food Chemistry, 2021, 345, 128806.	4.2	22
110	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.	0.1	21
111	Understanding of groundwater salinity using statistical modeling in a small tropical island, East Malaysia. The Environmentalist, 2011, 31, 279-287.	0.7	20
112	Hydrogeochemistry of Groundwater from Different Aquifer in Lower Kelantan Basin, Kelantan, Malaysia. Procedia Environmental Sciences, 2015, 30, 151-156.	1.3	20
113	Occurrence, potential sources and ecological risk estimation of microplastic towards coastal and estuarine zones in Malaysia. Marine Pollution Bulletin, 2022, 174, 113282.	2.3	20
114	Potential of biocompatible calcium-based metal-organic frameworks for the removal of endocrine-disrupting compounds in aqueous environments. Water Research, 2022, 218, 118406.	5.3	20
115	Application of Environmetric Methods to Surface Water Quality Assessment of Langkawi Geopark (Malaysia). Environmental Forensics, 2013, 14, 230-239.	1.3	19
116	Temporal flood incidence forecasting for Segamat River (Malaysia) using autoregressive integrated moving average modelling. Journal of Flood Risk Management, 2018, 11, .	1.6	19
117	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.	2.9	19
118	Dynamic behaviour of Cd2+ adsorption in equilibrium batch studies by CaCO3 â^'-rich Corbicula fluminea shell. Environmental Science and Pollution Research, 2014, 21, 344-354.	2.7	18
119	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.	1.9	18
120	Occurrence and potential risk of organophosphorus pesticides in urbanised Linggi River, Negeri Sembilan, Malaysia. Environmental Geochemistry and Health, 2020, 42, 3703-3715.	1.8	18
121	Sustainable groundwater management on the small island of Manukan, Malaysia. Environmental Earth Sciences, 2012, 66, 719-728.	1.3	17
122	Elemental hydrochemistry assessment on its variation and quality status in Langat River, Western Peninsular Malaysia. Environmental Earth Sciences, 2013, 70, 993-1004.	1.3	17
123	Contemporary Techniques for Remediating Endocrine-Disrupting Compounds in Various Water Sources: Advances in Treatment Methods and Their Limitations. Polymers, 2021, 13, 3229.	2.0	17
124	An Insight into a Sustainable Removal of Bisphenol A from Aqueous Solution by Novel Palm Kernel Shell Magnetically Induced Biochar: Synthesis, Characterization, Kinetic, and Thermodynamic Studies. Polymers, 2021, 13, 3781.	2.0	17
125	Temporal Aspects of Surface Water Quality Variation Using Robust Statistical Tools. Scientific World Journal, The, 2012, 2012, 1-9.	0.8	16
126	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, 1-11.	0.8	16

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127	Tape seagrass (Enhalus acoroides) as a bioindicator of trace metal contamination in Merambong shoal, Johor Strait, Malaysia. Marine Pollution Bulletin, 2018, 126, 113-118.	2.3	16
128	Runoff irregularities, trends, and variations in tropical semi-arid river catchment. Journal of Hydrology: Regional Studies, 2018, 19, 335-348.	1.0	16
129	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.	1.8	16
130	Efficient forecasting model technique for river stream flow in tropical environment. Urban Water Journal, 2019, 16, 183-192.	1.0	16
131	Occurrence, Human Health Risks, and Public Awareness Level of Pharmaceuticals in Tap Water from Putrajaya (Malaysia). Exposure and Health, 2021, 13, 93-104.	2.8	16
132	Processing of natural fibre and method improvement for removal of endocrine-disrupting compounds. Chemosphere, 2022, 291, 132726.	4.2	16
133	Groundwater Assessment at Manukan Island, Sabah: Multidisplinary Approaches. Natural Resources Research, 2010, 19, 279-291.	2.2	15
134	Bioavailability of heavy metals using in vitro digestion model: a state of present knowledge. Reviews on Environmental Health, 2013, 28, 181-7.	1.1	15
135	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.	0.8	15
136	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.	2.7	15
137	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.	1.1	14
138	Experimental determination of Cd2+ adsorption mechanism on low-cost biological waste. Frontiers of Environmental Science and Engineering, 2013, 7, 356-364.	3.3	13
139	Influential Factors on the Cation Exchange Capacity in Sediment of Merambong Shoal, Johor. Procedia Environmental Sciences, 2015, 30, 186-189.	1.3	13
140	A GIS-index integration approach to groundwater suitability zoning for irrigation purposes. Arabian Journal of Geosciences, 2016, 9, 1.	0.6	13
141	Risk of Dietary Mercury Exposure via Marine Fish Ingestion: Assessment Among Potential Mothers in Malaysia. Exposure and Health, 2019, 11, 227-236.	2.8	13
142	Spatial Analysis of Groundwater Hydrochemistry through Integrated Multivariate Analysis: A Case Study in the Urbanized Langat Basin, Malaysia. International Journal of Environmental Research and Public Health, 2021, 18, 5733.	1.2	13
143	A review of groundwater in islands using SWOT analysis. World Review of Science, Technology and Sustainable Development, 2009, 6, 186.	0.3	12
144	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.	1.5	12

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145	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.	1.3	12
146	Organophosphorus Pesticide Multiresidues in Commercialized Asian Rice. Environmental Toxicology and Chemistry, 2020, 39, 1908-1917.	2.2	11
147	Stability Behavior and Thermodynamic States of Iron and Manganese in Sandy Soil Aquifer, Manukan Island, Malaysia. Natural Resources Research, 2011, 20, 45-56.	2.2	10
148	A novel approach for the adsorption of cadmium ions in aqueous solution by dead calcareous skeletons. Desalination and Water Treatment, 2014, 52, 3169-3177.	1.0	10
149	Factors responsible for spatial and temporal variation of soil CO2 efflux in a 50Âyear recovering tropical forest, Peninsular Malaysia. Environmental Earth Sciences, 2015, 73, 5559-5569.	1.3	10
150	Fecal indicator bacteria in tropical beach sand: Baseline findings from Port Dickson coastline, Strait of Malacca (Malaysia). Marine Pollution Bulletin, 2016, 110, 609-612.	2.3	10
151	Mathematical modeling for estrogenic activity prediction of 17Î²-estradiol and 17Î±-ethynylestradiol mixtures in wastewater treatment plants effluent. Ecotoxicology, 2017, 26, 1327-1335.	1.1	10
152	Influential factors on the levels of cation exchange capacity in sediment at Langat river. Arabian Journal of Geosciences, 2013, 6, 3049-3058.	0.6	9
153	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.	1.3	9
154	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.	1.3	9
155	Modelling the fate and transport of colloidal particles in association with BPA in river water. Journal of Environmental Management, 2020, 274, 111141.	3.8	9
156	Antifouling paint biocides (Irgarol 1051 and diuron) in the selected ports of Peninsular Malaysia: occurrence, seasonal variation, and ecological risk assessment. Environmental Science and Pollution Research, 2021, 28, 52247-52257.	2.7	9
157	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.	0.1	9
158	Particle tracking analysis of riverâ€“aquifer interaction via bank infiltration techniques. Environmental Earth Sciences, 2014, 72, 3129-3142.	1.3	8
159	Bayesian Extreme for Modeling High PM10 Concentration in Johor. Procedia Environmental Sciences, 2015, 30, 309-314.	1.3	8
160	Groundwater studies in tropical islands: Malaysian perspective. Episodes, 2010, 33, 200-204.	0.8	8
161	Groundwater Solution Techniques: Environmental Applications. Journal of Water Resource and Protection, 2010, 02, 8-13.	0.3	8
162	Drinking water consumption and association between actual and perceived risks of endocrine disrupting compounds. Npj Clean Water, 2022, 5, .	3.1	8

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163	A Baseline Study on Groundwater Quality of the Tourist Island, Pulau Tiga, Sabah, Malaysia. Modern Applied Science, 2009, 3, .	0.4	7
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