

Sarva Mangala Praveena

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

117 papers	2,309 citations	26 h-index	43 g-index
124 ext. papers	2,936 ext. citations	4.2 avg, IF	5.8 L-index

#	Paper	IF	Citations
117	Occurrence of 17 β -ethynylestradiol (EE2) in the environment and effect on exposed biota: a review. <i>Environment International</i> , 2014 , 69, 104-19	12.9	333
116	Evaluation of water quality pollution indices for heavy metal contamination monitoring: a case study from Curtin Lake, Miri City, East Malaysia. <i>Environmental Earth Sciences</i> , 2012 , 67, 1987-2001	2.9	109
115	Drinking water studies: a review on heavy metal, application of biomarker and health risk assessment (a special focus in Malaysia). <i>Journal of Epidemiology and Global Health</i> , 2015 , 5, 297-310	5.5	72
114	Pharmaceuticals residues in selected tropical surface water bodies from Selangor (Malaysia): Occurrence and potential risk assessments. <i>Science of the Total Environment</i> , 2018 , 642, 230-240	10.2	70
113	Heavy metal exposure from cooked rice grain ingestion and its potential health risks to humans from total and bioavailable forms analysis. <i>Food Chemistry</i> , 2017 , 235, 203-211	8.5	66
112	Exploration of microplastics from personal care and cosmetic products and its estimated emissions to marine environment: An evidence from Malaysia. <i>Marine Pollution Bulletin</i> , 2018 , 136, 135-140	6.7	66
111	Sources, mechanisms, and fate of steroid estrogens in wastewater treatment plants: a mini review. <i>Environmental Monitoring and Assessment</i> , 2017 , 189, 178	3.1	62
110	A review of heavy metals in indoor dust and its human health-risk implications. <i>Reviews on Environmental Health</i> , 2016 , 31, 447-456	3.8	60
109	Delineation of temporal variability and governing factors influencing the spatial variability of shallow groundwater chemistry in a tropical sedimentary island. <i>Journal of Hydrology</i> , 2012 , 432-433, 26-42	6	58
108	Health Risk Assessment of Heavy Metal in Urban Surface Soil (Klang District, Malaysia). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015 , 95, 80-9	2.7	46
107	Analytical techniques for steroid estrogens in water samples - A review. <i>Chemosphere</i> , 2016 , 165, 358-368	8.4	44
106	Health Risk Assessment using in vitro digestion model in assessing bioavailability of heavy metal in rice: A preliminary study. <i>Food Chemistry</i> , 2015 , 188, 46-50	8.5	42
105	Hydrochemical changes in a small tropical island's aquifer: Manukan Island, Sabah, Malaysia. <i>Environmental Geology</i> , 2009 , 56, 1721-1732		40
104	Occurrence and potential human health risk of pharmaceutical residues in drinking water from Putrajaya (Malaysia). <i>Ecotoxicology and Environmental Safety</i> , 2019 , 180, 549-556	7	39
103	Land use change in highland area and its impact on river water quality: a review of case studies in Malaysia. <i>Ecological Processes</i> , 2018 , 7,	3.6	39
102	Geo-accumulation index and contamination factors of heavy metals (Zn and Pb) in urban river sediment. <i>Environmental Geochemistry and Health</i> , 2017 , 39, 1259-1271	4.7	37
101	Occurrence and risk assessment of multiclass endocrine disrupting compounds in an urban tropical river and a proposed risk management and monitoring framework. <i>Science of the Total Environment</i> , 2019 , 671, 431-442	10.2	36

100	Health risk assessment of heavy metal exposure in urban soil from Seri Kembangan (Malaysia). <i>Arabian Journal of Geosciences</i> , 2015 , 8, 9753-9761	1.8	35
99	Preparation and characterisation of silver nanoparticle coated on cellulose paper: evaluation of their potential as antibacterial water filter. <i>Journal of Experimental Nanoscience</i> , 2016 , 11, 1307-1319	1.9	35
98	Non-nutritive artificial sweeteners as an emerging contaminant in environment: A global review and risks perspectives. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 170, 699-707	7	32
97	Recent updates on phthalate exposure and human health: a special focus on liver toxicity and stem cell regeneration. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 11333-11342	5.1	31
96	Multivariate and Geoaccumulation Index evaluation in mangrove surface sediment of Mengkabong lagoon, Sabah. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008 , 81, 52-6	2.7	30
95	Quantification of selected steroid hormones (17 β -Estradiol and 17 β -Ethinylestradiol) in wastewater treatment plants in Klang Valley (Malaysia). <i>Chemosphere</i> , 2019 , 215, 153-162	8.4	30
94	Application of Low-Cost Materials Coated with Silver Nanoparticle as Water Filter in Escherichia coli Removal. <i>Water Quality, Exposure, and Health</i> , 2015 , 7, 617-625		29
93	Groundwater resources assessment using numerical model: A case study in low-lying coastal area. <i>International Journal of Environmental Science and Technology</i> , 2010 , 7, 135-146	3.3	28
92	Statistical approaches and hydrochemical modelling of groundwater system in a small tropical island. <i>Journal of Hydroinformatics</i> , 2012 , 14, 206-220	2.6	28
91	Contamination assessment and potential human health risks of heavy metals in Klang urban soils: a preliminary study. <i>Environmental Earth Sciences</i> , 2015 , 73, 8155-8165	2.9	26
90	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. <i>Arabian Journal of Geosciences</i> , 2013 , 6, 4891-4901	1.8	26
89	Improved QuEChERS and solid phase extraction for multi-residue analysis of pesticides in paddy soil and water using ultra-high performance liquid chromatography tandem mass spectrometry. <i>Microchemical Journal</i> , 2019 , 145, 614-621	4.8	26
88	Coral reefs studies and threats in Malaysia: a mini review. <i>Reviews in Environmental Science and Biotechnology</i> , 2012 , 11, 27-39	13.9	24
87	Occurrence of selected estrogenic compounds and estrogenic activity in surface water and sediment of Langat River (Malaysia). <i>Environmental Monitoring and Assessment</i> , 2016 , 188, 442	3.1	24
86	Spatial Assessment of Heavy Metals in Surface Soil from Klang District (Malaysia): An Example from a Tropical Environment. <i>Human and Ecological Risk Assessment (HERA)</i> , 2015 , 21, 1980-2003	4.9	22
85	A baseline study of tropical coastal water quality in Port Dickson, Strait of Malacca, Malaysia. <i>Marine Pollution Bulletin</i> , 2013 , 67, 196-9	6.7	22
84	Evaluation of heavy metal contamination in groundwater samples from Kapas Island, Terengganu, Malaysia. <i>Arabian Journal of Geosciences</i> , 2014 , 7, 1087-1100	1.8	22
83	Quality of Kelantan drinking water and knowledge, attitude and practice among the population of Pasir Mas, Malaysia. <i>Public Health</i> , 2016 , 131, 103-11	4	21

82	Effect of data pre-treatment procedures on principal component analysis: a case study for mangrove surface sediment datasets. <i>Environmental Monitoring and Assessment</i> , 2012 , 184, 6855-68	3.1	20
81	Trace metal (Cd, Cu, Fe, Mn, Ni and Zn) accumulation in Scleractinian corals: a record for Sabah, Borneo. <i>Marine Pollution Bulletin</i> , 2012 , 64, 2556-63	6.7	20
80	The impacts of COVID-19 on the environmental sustainability: a perspective from the Southeast Asian region. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 63829-63836	5.1	20
79	Heavy Metal Contamination in Urban Surface Soil of Klang District (Malaysia). <i>Soil and Sediment Contamination</i> , 2015 , 24, 865-881	3.2	18
78	Preliminary study on the skin lightening practice and health symptoms among female students in Malaysia. <i>Journal of Environmental and Public Health</i> , 2015 , 2015, 591790	2.6	17
77	Preliminary Study of Heavy Metal (Zn, Pb, Cr, Ni) Contaminations in Langat River Estuary, Selangor. <i>Procedia Environmental Sciences</i> , 2015 , 30, 285-290		17
76	The Influence of Seawater on the Chemical Composition of Groundwater in a Small Island: The Example of Manukan Island, East Malaysia. <i>Journal of Coastal Research</i> , 2012 , 279, 64-75	0.6	17
75	Understanding of groundwater salinity using statistical modeling in a small tropical island, East Malaysia. <i>The Environmentalist</i> , 2011 , 31, 279-287		17
74	Active pharmaceutical ingredients in Malaysian drinking water: consumption, exposure, and human health risk. <i>Environmental Geochemistry and Health</i> , 2020 , 42, 3247-3261	4.7	16
73	Concentration of ions in selected bottled water samples sold in Malaysia. <i>Applied Water Science</i> , 2013 , 3, 67-75	5	16
72	Determination of Heavy Metals in Indoor Dust From Primary School (Sri Serdang, Malaysia): Estimation of the Health Risks. <i>Environmental Forensics</i> , 2015 , 16, 257-263	1.6	15
71	Electronic cigarettes: a systematic review of available studies on health risk assessment. <i>Reviews on Environmental Health</i> , 2018 , 33, 43-52	3.8	15
70	Assessment of bioavailability and human health exposure risk to heavy metals in surface soils (Klang district, Malaysia). <i>Toxin Reviews</i> , 2018 , 37, 196-205	2.3	15
69	Toenail as a biomarker of heavy metal exposure via drinking water: a systematic review. <i>Reviews on Environmental Health</i> , 2015 , 30, 1-7	3.8	15
68	Potential of cellulose paper coated with silver nanoparticles: a benign option for emergency drinking water filter. <i>Cellulose</i> , 2018 , 25, 2647-2658	5.5	14
67	Status, source identification, and health risks of potentially toxic element concentrations in road dust in a medium-sized city in a developing country. <i>Environmental Geochemistry and Health</i> , 2018 , 40, 749-762	4.7	14
66	Indicators of microbial beach water quality: preliminary findings from Teluk Kemang beach, Port Dickson (Malaysia). <i>Marine Pollution Bulletin</i> , 2013 , 76, 417-9	6.7	14
65	Sustainable groundwater management on the small island of Manukan, Malaysia. <i>Environmental Earth Sciences</i> , 2012 , 66, 719-728	2.9	14

64	Occurrence of multiclass endocrine disrupting compounds in a drinking water supply system and associated risks. <i>Scientific Reports</i> , 2020 , 10, 17755	4.9	14
63	Heavy metal quantification of classroom dust in school environment and its impacts on children health from Rawang (Malaysia). <i>Environmental Science and Pollution Research</i> , 2018 , 25, 34623-34635	5.1	14
62	Bioavailability of heavy metals using in vitro digestion model: a state of present knowledge. <i>Reviews on Environmental Health</i> , 2013 , 28, 181-7	3.8	13
61	Understanding Potential Heavy Metal Contamination, Absorption, Translocation and Accumulation in Rice and Human Health Risks. <i>Plants</i> , 2021 , 10,	4.5	13
60	Mini review of mercury contamination in environment and human with an emphasis on Malaysia: status and needs. <i>Reviews on Environmental Health</i> , 2013 , 28, 195-202	3.8	12
59	A Brush up on Water Quality Studies of Port Dickson, Malaysia. <i>Research Journal of Environmental Sciences</i> , 2011 , 5, 841-849	0	12
58	Application of Environmetric Methods to Surface Water Quality Assessment of Langkawi Geopark (Malaysia). <i>Environmental Forensics</i> , 2013 , 14, 230-239	1.6	11
57	Tap water contamination: Multiclass endocrine disrupting compounds in different housing types in an urban settlement. <i>Chemosphere</i> , 2021 , 264, 128488	8.4	10
56	Public awareness level and occurrence of pharmaceutical residues in drinking water with potential health risk: A study from Kajang (Malaysia). <i>Ecotoxicology and Environmental Safety</i> , 2019 , 185, 109681	7	9
55	Groundwater Assessment at Manukan Island, Sabah: Multidisciplinary Approaches. <i>Natural Resources Research</i> , 2010 , 19, 279-291	4.9	9
54	Mathematical modeling for estrogenic activity prediction of 17 β -estradiol and 17 β -ethynylestradiol mixtures in wastewater treatment plants effluent. <i>Ecotoxicology</i> , 2017 , 26, 1327-1335	2.9	8
53	A review of groundwater in islands using SWOT analysis. <i>World Review of Science, Technology and Sustainable Development</i> , 2009 , 6, 186	1	8
52	Characterization and Risk Analysis of Metals Associated with Urban Dust in Rawang (Malaysia). <i>Archives of Environmental Contamination and Toxicology</i> , 2018 , 75, 415-423	3.2	8
51	Stability Behavior and Thermodynamic States of Iron and Manganese in Sandy Soil Aquifer, Manukan Island, Malaysia. <i>Natural Resources Research</i> , 2011 , 20, 45-56	4.9	7
50	Heavy Metals in Soil of the Tropical Climate Bauxite Mining Area in Malaysia. <i>Journal of Physical Science</i> , 2018 , 29, 7-14	2	7
49	Groundwater Solution Techniques: Environmental Applications. <i>Journal of Water Resource and Protection</i> , 2010 , 02, 8-13	0.7	7
48	DoD2007: 1082 molecular biology databases. <i>Bioinformation</i> , 2007 , 2, 64-7	1.1	7
47	Phthalates exposure and attention-deficit/hyperactivity disorder in children: a systematic review of epidemiological literature. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 44757-44770	5.1	7

46	Public health risk assessment from drinking water from vending machines in Seri Kembangan (Malaysia). <i>Food Control</i> , 2018 , 91, 40-46	6.2	6
45	Assessment of Tidal and Anthropogenic Impacts on Coastal Waters by Exploratory Data Analysis: An Example from Port Dickson, Strait of Malacca, Malaysia. <i>Environmental Forensics</i> , 2013 , 14, 146-154	1.6	6
44	Groundwater studies in tropical islands: Malaysian perspective. <i>Episodes</i> , 2010 , 33, 200-204	1.6	6
43	Fecal indicator bacteria in tropical beach sand: Baseline findings from Port Dickson coastline, Strait of Malacca (Malaysia). <i>Marine Pollution Bulletin</i> , 2016 , 110, 609-612	6.7	6
42	Evaluation of Heavy Metal Contamination in Paddy Plants at the Northern Region of Malaysia Using ICPMS and Its Risk Assessment. <i>Plants</i> , 2020 , 10,	4.5	6
41	Assessment of swimming associated health effects in marine bathing beach: an example from Morib beach (Malaysia). <i>Marine Pollution Bulletin</i> , 2015 , 92, 222-226	6.7	5
40	Pesticide management approach towards protecting the safety and health of farmers in Southeast Asia. <i>Reviews on Environmental Health</i> , 2018 , 33, 123-134	3.8	5
39	Hydrogeochemistry Characteristics in Kampong Salang, Tioman Island, Pahang, Malaysia. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 136, 012065	0.4	5
38	Comparison of the health implications on the use of As and Cd contaminated water supply between urban and rural communities. <i>BioMed Research International</i> , 2014 , 2014, 797603	3	5
37	CADMIUM EXPOSURE VIA FOOD CROPS: A CASE STUDY OF INTENSIVE FARMING AREA. <i>American Journal of Applied Sciences</i> , 2013 , 10, 1252-1262	0.8	5
36	Heavy Metal in Paddy Soil and its Bioavailability in Rice Using In Vitro Digestion Model for Health Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	5
35	MODELING OF SEAWATER INTRUSION FOR A SMALL TROPICAL ISLAND AQUIFER IN EAST MALAYSIA 2009 ,		4
34	Assessment of Heavy Metal in Self-caught Saltwater Fish from Port Dickson Coastal Water, Malaysia 2015 , 44, 91-99		4
33	Potential Health Risk Assessment of Urban Soil on Heavy Metal Content in Seri Kembangan 2014 , 77-81		4
32	Quality assessment for methodological aspects of microplastics analysis in bottled water [A critical review. <i>Food Control</i> , 2021 , 130, 108285	6.2	4
31	The impact of seasonal change on river water quality and dissolved metals in mountainous agricultural areas and risk to human health. <i>Environmental Forensics</i> , 2020 , 21, 195-211	1.6	3
30	Modeling of Water Balance Components in a Small Island via a Numerical Model Application. <i>Journal of Coastal Research</i> , 2012 , 279, 202-209	0.6	3
29	A Baseline Study on Groundwater Quality of the Tourist Island, Pulau Tiga, Sabah, Malaysia. <i>Modern Applied Science</i> , 2009 , 3,	1.3	3

28	Numerical simulation of seawater intrusion in Manukan Island, East Malaysia. <i>Journal of Modelling in Management</i> , 2011 , 6, 317-333	2.2	3
27	Saturation states of carbonate minerals in a freshwater-seawater mixing zone of small tropical island aquifer. <i>Diqiu Huaxue</i> , 2010 , 29, 278-286		3
26	Statistical Perspective and Pollution Indicator in Mengkabong Mangrove Sediment Sabah. <i>Modern Applied Science</i> , 2009 , 2,	1.3	3
25	Vaping Topography and Reasons of Use among Adults in Klang Valley, Malaysia. <i>Asian Pacific Journal of Cancer Prevention</i> , 2018 , 19, 457-462	1.7	3
24	The Inhibitory Effects of Honey Marinades on the Formation of Carcinogenic Heterocyclic Amines in Grilled Beef Satay. <i>Molecules</i> , 2020 , 25,	4.8	3
23	Application of activated carbon from banana stem waste for removal of heavy metal ions in greywater using a Box-Behnken design approach. <i>Environmental Technology (United Kingdom)</i> , 2020 , 41, 3363-3374	2.6	3
22	Occurrence, Human Health Risks, and Public Awareness Level of Pharmaceuticals in Tap Water from Putrajaya (Malaysia). <i>Exposure and Health</i> , 2021 , 13, 93-104	8.8	3
21	Phthalates in children toys available in Malaysian market: Quantification and potential human health risk. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021 , 213, 105955	5.1	3
20	Analysis of Steroid Estrogens in River Sediment by High Performance Liquid Chromatography-Electrospray Ionization-Mass Spectrometry 2018 , 42, 525-532		2
19	Groundwater Composition and Geochemical Controls in Small Tropical Islands of Malaysia: A Comparative Study. <i>Coastal Research Library</i> , 2013 , 229-246	0.4	2
18	Spatial Variation Assessment of River Water Quality Using Environmetric Techniques. <i>Polish Journal of Environmental Studies</i> , 2016 , 25, 2411-2421	2.3	2
17	Microplastic emissions from household washing machines: preliminary findings from Greater Kuala Lumpur (Malaysia). <i>Environmental Science and Pollution Research</i> , 2021 , 28, 18518-18522	5.1	2
16	Preliminary analysis of selected tropical fruit seed extracts potential as natural coagulant in water. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	1
15	New Methods to Assess Fecal Contamination in Beach Water Quality. <i>Coastal Research Library</i> , 2015 , 65-81	0.4	1
14	Health Risk Assessment of Heavy Metal Exposure to Classroom Dust in Primary School, Serdang (Malaysia) 2014 , 83-87		1
13	Sorptive Properties of Microplastics Extracted from Cosmetics 2020 , 1-12		1
12	Characteristics and Source Apportionment of Black Carbon (BC) in a Suburban Area of Klang Valley, Malaysia. <i>Atmosphere</i> , 2021 , 12, 784	2.7	1
11	Spatial eco-risk assessment and prediction of heavy metal pollution in surface soil: a preliminary assessment of an urban area from a developing country. <i>Toxin Reviews</i> , 2019 , 38, 135-142	2.3	1

10	Distribution and source analysis of bioavailable metals in highland river sediment. <i>Environmental Forensics</i> , 2021 , 22, 205-218	1.6	1
9	Pharmaceuticals, hormones, plasticizers, and pesticides in drinking water. <i>Journal of Hazardous Materials</i> , 2022 , 424, 127327	12.8	1
8	Functionalized Magnetite Nanoparticle Coagulants with Tropical Fruit Waste Extract: A Potential for Water Turbidity Removal. <i>Arabian Journal for Science and Engineering</i> , 1	2.5	1
7	Beach Sand Quality and Its Associated Health Effects of Port Dickson Beaches (Malaysia): An Analysis of Beach Management Framework. <i>Coastal Research Library</i> , 2018 , 821-829	0.4	0
6	Quality assessment of research studies on microplastics in soils: A methodological perspective.. <i>Chemosphere</i> , 2022 , 296, 134026	8.4	0
5	Quality assessment for methodological aspects of microplastics analysis in soil. <i>Trends in Environmental Analytical Chemistry</i> , 2022 , 34, e00159	12	0
4	Drinking Water Assessment on Ammonia Exposure Through Tap Water in Kampung Sungai Sekamat, Kajang. <i>Procedia Environmental Sciences</i> , 2015 , 30, 354-357		
3	Conceptualizing Seawater Intrusion Processes in Small Tropical Island Via Geochemical Modelling. <i>Coastal Research Library</i> , 2013 , 269-284	0.4	
2	Optimization of nutrients removal from synthetic greywater by low-cost activated carbon: application of Taguchi method and response surface methodology. <i>Toxin Reviews</i> , 1-10	2.3	
1	Sorptive Properties of Microplastics Extracted from Cosmetics 2022 , 613-624		