Sarva Mangala Praveena

List of Publications by Year in Descending Order

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	Pharmaceuticals, hormones, plasticizers, and pesticides in drinking water. *Journal of Hazardous Materials*, **2022**, 424, 127327	12.8	1
116	Sorptive Properties of Microplastics Extracted from Cosmetics **2022**, 613-624		
115	Quality assessment of research studies on microplastics in soils: A methodological perspective.. *Chemosphere*, **2022**, 296, 134026	8.4	0
114	Quality assessment for methodological aspects of microplastics analysis in soil. *Trends in Environmental Analytical Chemistry*, **2022**, 34, e00159	12	0
113	Understanding Potential Heavy Metal Contamination, Absorption, Translocation and Accumulation in Rice and Human Health Risks. *Plants*, **2021**, 10,	4.5	13
112	Characteristics and Source Apportionment of Black Carbon (BC) in a Suburban Area of Klang Valley, Malaysia. *Atmosphere*, **2021**, 12, 784	2.7	1
111	Occurrence, Human Health Risks, and Public Awareness Level of Pharmaceuticals in Tap Water from Putrajaya (Malaysia). *Exposure and Health*, **2021**, 13, 93-104	8.8	3
110	Tap water contamination: Multiclass endocrine disrupting compounds in different housing types in an urban settlement. *Chemosphere*, **2021**, 264, 128488	8.4	10
109	Distribution and source analysis of bioavailable metals in highland river sediment. *Environmental Forensics*, **2021**, 22, 205-218	1.6	1
108	Microplastic emissions from household washing machines: preliminary findings from Greater Kuala Lumpur (Malaysia). *Environmental Science and Pollution Research*, **2021**, 28, 18518-18522	5.1	2
107	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
106	Phthalates in children toys available in Malaysian market: Quantification and potential human health risk. *Journal of Steroid Biochemistry and Molecular Biology*, **2021**, 213, 105955	5.1	3
105	Quality assessment for methodological aspects of microplastics analysis in bottled water □A critical review. *Food Control*, **2021**, 130, 108285	6.2	4
104	Preliminary analysis of selected tropical fruit seed extracts potential as natural coagulant in water. *SN Applied Sciences*, **2020**, 2, 1	1.8	1
103	The impact of seasonal change on river water quality and dissolved metals in mountainous agricultural areas and risk to human health. *Environmental Forensics*, **2020**, 21, 195-211	1.6	3
102	Active pharmaceutical ingredients in Malaysian drinking water: consumption, exposure, and human health risk. *Environmental Geochemistry and Health*, **2020**, 42, 3247-3261	4.7	16
101	Occurrence of multiclass endocrine disrupting compounds in a drinking water supply system and associated risks. *Scientific Reports*, **2020**, 10, 17755	4.9	14

100	Sorptive Properties of Microplastics Extracted from Cosmetics **2020**, 1-12		1
99	The Inhibitory Effects of Honey Marinades on the Formation of Carcinogenic Heterocyclic Amines in Grilled Beef Satay. *Molecules*, **2020**, 25,	4.8	3
98	Phthalates exposure and attention-deficit/hyperactivity disorder in children: a systematic review of epidemiological literature. *Environmental Science and Pollution Research*, **2020**, 27, 44757-44770	5.1	7
97	Application of activated carbon from banana stem waste for removal of heavy metal ions in greywater using a Box-Behnken design approach. *Environmental Technology (United Kingdom)*, **2020**, 41, 3363-3374	2.6	3
96	Evaluation of Heavy Metal Contamination in Paddy Plants at the Northern Region of Malaysia Using ICPMS and Its Risk Assessment. *Plants*, **2020**, 10,	4.5	6
95	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
94	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
93	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
92	Heavy Metal in Paddy Soil and its Bioavailability in Rice Using In Vitro Digestion Model for Health Risk Assessment. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	5
91	Non-nutritive artificial sweeteners as an emerging contaminant in environment: A global review and risks perspectives. *Ecotoxicology and Environmental Safety*, **2019**, 170, 699-707	7	32
90	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. *Microchemical Journal*, **2019**, 145, 614-621	4.8	26
89	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
88	Spatial eco-risk assessment and prediction of heavy metal pollution in surface soil: a preliminary assessment of an urban area from a developing country. *Toxin Reviews*, **2019**, 38, 135-142	2.3	1
87	Potential of cellulose paper coated with silver nanoparticles: a benign option for emergency drinking water filter. *Cellulose*, **2018**, 25, 2647-2658	5.5	14
86	Beach Sand Quality and Its Associated Health Effects of Port Dickson Beaches (Malaysia): An Analysis of Beach Management Framework. *Coastal Research Library*, **2018**, 821-829	0.4	0
85	Land use change in highland area and its impact on river water quality: a review of case studies in Malaysia. *Ecological Processes*, **2018**, 7,	3.6	39
84	Public health risk assessment from drinking water from vending machines in Seri Kembangan (Malaysia). *Food Control*, **2018**, 91, 40-46	6.2	6
83	Recent updates on phthalate exposure and human health: a special focus on liver toxicity and stem cell regeneration. *Environmental Science and Pollution Research*, **2018**, 25, 11333-11342	5.1	31

82	Electronic cigarettes: a systematic review of available studies on health risk assessment. *Reviews on Environmental Health*, **2018**, 33, 43-52	3.8	15
81	Analysis of Steroid Estrogens in River Sediment by High Performance Liquid Chromatography-Electrospray Ionization-Mass Spectrometry **2018**, 42, 525-532		2
80	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
79	Pesticide management approach towards protecting the safety and health of farmers in Southeast Asia. *Reviews on Environmental Health*, **2018**, 33, 123-134	3.8	5
78	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
77	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
76	Vaping Topography and Reasons of Use among Adults in Klang Valley, Malaysia. *Asian Pacific Journal of Cancer Prevention*, **2018**, 19, 457-462	1.7	3
75	Heavy Metals in Soil of the Tropical Climate Bauxite Mining Area in Malaysia. *Journal of Physical Science*, **2018**, 29, 7-14	2	7
74	Heavy metal quantification of classroom dust in school environment and its impacts on children health from Rawang (Malaysia). *Environmental Science and Pollution Research*, **2018**, 25, 34623-34635	5.1	14
73	Exploration of microplastics from personal care and cosmetic products and its estimated emissions to marine environment: An evidence from Malaysia. *Marine Pollution Bulletin*, **2018**, 136, 135-140	6.7	66
72	Characterization and Risk Analysis of Metals Associated with Urban Dust in Rawang (Malaysia). *Archives of Environmental Contamination and Toxicology*, **2018**, 75, 415-423	3.2	8
71	Heavy metal exposure from cooked rice grain ingestion and its potential health risks to humans from total and bioavailable forms analysis. *Food Chemistry*, **2017**, 235, 203-211	8.5	66
70	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
69	Sources, mechanisms, and fate of steroid estrogens in wastewater treatment plants: a mini review. *Environmental Monitoring and Assessment*, **2017**, 189, 178	3.1	62
68	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
67	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
66	Hydrogeochemistry Characteristics in Kampong Salang, Tioman Island, Pahang, Malaysia. *IOP Conference Series: Materials Science and Engineering*, **2016**, 136, 012065	0.4	5
65	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

64	Spatial Variation Assessment of River Water Quality Using Environmetric Techniques. *Polish Journal of Environmental Studies*, **2016**, 25, 2411-2421	2.3	2
63	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
62	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
61	A review of heavy metals in indoor dust and its human health-risk implications. *Reviews on Environmental Health*, **2016**, 31, 447-456	3.8	60
60	Analytical techniques for steroid estrogens in water samples - A review. *Chemosphere*, **2016**, 165, 358-368	4.4	44
59	Spatial Assessment of Heavy Metals in Surface Soil from Klang District (Malaysia): An Example from a Tropical Environment. *Human and Ecological Risk Assessment (HERA)*, **2015**, 21, 1980-2003	4.9	22
58	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
57	Assessment of swimming associated health effects in marine bathing beach: an example from Morib beach (Malaysia). *Marine Pollution Bulletin*, **2015**, 92, 222-226	6.7	5
56	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
55	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
54	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
53	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
52	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
51	Heavy Metal Contamination in Urban Surface Soil of Klang District (Malaysia). *Soil and Sediment Contamination*, **2015**, 24, 865-881	3.2	18
50	Drinking Water Assessment on Ammonia Exposure Through Tap Water in Kampung Sungai Sekamat, Kajang. *Procedia Environmental Sciences*, **2015**, 30, 354-357		
49	Preliminary study on the skin lightening practice and health symptoms among female students in Malaysia. *Journal of Environmental and Public Health*, **2015**, 2015, 591790	2.6	17
48	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
47	Preliminary Study of Heavy Metal (Zn, Pb, Cr, Ni) Contaminations in Langat River Estuary, Selangor. *Procedia Environmental Sciences*, **2015**, 30, 285-290		17

46	Toenail as a biomarker of heavy metal exposure via drinking water: a systematic review. *Reviews on Environmental Health*, **2015**, 30, 1-7	3.8	15
45	Assessment of Heavy Metal in Self-caught Saltwater Fish from Port Dickson Coastal Water, Malaysia **2015**, 44, 91-99		4
44	New Methods to Assess Fecal Contamination in Beach Water Quality. *Coastal Research Library*, **2015**, 65-81	0.4	1
43	Occurrence of 17□ethynylestradiol (EE2) in the environment and effect on exposed biota: a review. *Environment International*, **2014**, 69, 104-19	12.9	333
42	Comparison of the health implications on the use of As and Cd contaminated water supply between urban and rural communities. *BioMed Research International*, **2014**, 2014, 797603	3	5
41	Evaluation of heavy metal contamination in groundwater samples from Kapas Island, Terengganu, Malaysia. *Arabian Journal of Geosciences*, **2014**, 7, 1087-1100	1.8	22
40	Potential Health Risk Assessment of Urban Soil on Heavy Metal Content in Seri Kembangan **2014**, 77-81		4
39	Health Risk Assessment of Heavy Metal Exposure to Classroom Dust in Primary School, Serdang (Malaysia) **2014**, 83-87		1
38	Concentration of ions in selected bottled water samples sold in Malaysia. *Applied Water Science*, **2013**, 3, 67-75	5	16
37	Conceptualizing Seawater Intrusion Processes in Small Tropical Island Via Geochemical Modelling. *Coastal Research Library*, **2013**, 269-284	0.4	
36	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
35	Application of Environmetric Methods to Surface Water Quality Assessment of Langkawi Geopark (Malaysia). *Environmental Forensics*, **2013**, 14, 230-239	1.6	11
34	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
33	Indicators of microbial beach water quality: preliminary findings from Teluk Kemang beach, Port Dickson (Malaysia). *Marine Pollution Bulletin*, **2013**, 76, 417-9	6.7	14
32	Groundwater Composition and Geochemical Controls in Small Tropical Islands of Malaysia: A Comparative Study. *Coastal Research Library*, **2013**, 229-246	0.4	2
31	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
30	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
29	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

28	CADMIUM EXPOSURE VIA FOOD CROPS: A CASE STUDY OF INTENSIVE FARMING AREA. *American Journal of Applied Sciences*, **2013**, 10, 1252-1262	0.8	5
27	Delineation of temporal variability and governing factors influencing the spatial variability of shallow groundwater chemistry in a tropical sedimentary island. *Journal of Hydrology*, **2012**, 432-433, 26-42	6	58
26	Evaluation of water quality pollution indices for heavy metal contamination monitoring: a case study from Curtin Lake, Miri City, East Malaysia. *Environmental Earth Sciences*, **2012**, 67, 1987-2001	2.9	109
25	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
24	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
23	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
22	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
21	Coral reefs studies and threats in Malaysia: a mini review. *Reviews in Environmental Science and Biotechnology*, **2012**, 11, 27-39	13.9	24
20	Sustainable groundwater management on the small island of Manukan, Malaysia. *Environmental Earth Sciences*, **2012**, 66, 719-728	2.9	14
19	Statistical approaches and hydrochemical modelling of groundwater system in a small tropical island. *Journal of Hydroinformatics*, **2012**, 14, 206-220	2.6	28
18	Understanding of groundwater salinity using statistical modeling in a small tropical island, East Malaysia. *The Environmentalist*, **2011**, 31, 279-287		17
17	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
16	Numerical simulation of seawater intrusion in Manukan Island, East Malaysia. *Journal of Modelling in Management*, **2011**, 6, 317-333	2.2	3
15	A Brush up on Water Quality Studies of Port Dickson, Malaysia. *Research Journal of Environmental Sciences*, **2011**, 5, 841-849	0	12
14	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
13	Saturation states of carbonate minerals in a freshwater-seawater mixing zone of small tropical island aquifer. *Diqiu Huaxue*, **2010**, 29, 278-286		3
12	Groundwater Assessment at Manukan Island, Sabah: Multidisplinary Approaches. *Natural Resources Research*, **2010**, 19, 279-291	4.9	9
11	Groundwater studies in tropical islands: Malaysian perspective. *Episodes*, **2010**, 33, 200-204	1.6	6

10	Groundwater Solution Techniques: Environmental Applications. *Journal of Water Resource and Protection*, **2010**, 02, 8-13	0.7	7
9	A Baseline Study on Groundwater Quality of the Tourist Island, Pulau Tiga, Sabah, Malaysia. *Modern Applied Science*, **2009**, 3,	1.3	3
8	Hydrochemical changes in a small tropical island aquifer: Manukan Island, Sabah, Malaysia. *Environmental Geology*, **2009**, 56, 1721-1732		40
7	A review of groundwater in islands using SWOT analysis. *World Review of Science, Technology and Sustainable Development*, **2009**, 6, 186	1	8
6	MODELING OF SEAWATER INTRUSION FOR A SMALL TROPICAL ISLAND AQUIFER IN EAST MALAYSIA **2009**,		4
5	Statistical Perspective and Pollution Indicator in Mengkabong Mangrove Sediment Sabah. *Modern Applied Science*, **2009**, 2,	1.3	3
4	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
3	DoD2007: 1082 molecular biology databases. *Bioinformation*, **2007**, 2, 64-7	1.1	7
2	Optimization of nutrients removal from synthetic greywater by low-cost activated carbon: application of Taguchi method and response surface methodology. *Toxin Reviews*,1-10	2.3	
1	Functionalized Magnetite Nanoparticle Coagulants with Tropical Fruit Waste Extract: A Potential for Water Turbidity Removal. *Arabian Journal for Science and Engineering*,1	2.5	1