

Sarva Mangala Praveena

List of Publications by Year in descending order

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121
papers

3,628
citations

147801

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161849

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124
docs citations

124
times ranked

4444
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence of 17 β -ethynylestradiol (EE2) in the environment and effect on exposed biota: a review. <i>Environment International</i> , 2014, 69, 104-119.	10.0	416
2	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.	2.7	169
3	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.	5.0	132
4	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.	8.0	128
5	A review of heavy metals in indoor dust and its human health-risk implications. <i>Reviews on Environmental Health</i> , 2016, 31, 447-456.	2.4	106
6	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.	2.9	103
7	Sources, mechanisms, and fate of steroid estrogens in wastewater treatment plants: a mini review. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 178.	2.7	98
8	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.	8.2	96
9	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.	8.0	81
10	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.	6.0	70
11	Understanding Potential Heavy Metal Contamination, Absorption, Translocation and Accumulation in Rice and Human Health Risks. <i>Plants</i> , 2021, 10, 1070.	3.5	70
12	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.	5.4	66
13	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.	3.4	65
14	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, .	3.9	65
15	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.	6.0	64
16	Health Risk Assessment of Heavy Metal in Urban Surface Soil (Klang District, Malaysia). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 95, 80-89.	2.7	63
17	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.	8.2	58
18	Analytical techniques for steroid estrogens in water samples - A review. <i>Chemosphere</i> , 2016, 165, 358-368.	8.2	55

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19	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.	4.5	55
20	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.	5.3	54
21	Hydrochemical changes in a small tropical island's aquifer: Manukan Island, Sabah, Malaysia. <i>Environmental Geology</i> , 2009, 56, 1721-1732.	1.2	47
22	Health risk assessment of heavy metal exposure in urban soil from Seri Kembangan (Malaysia). <i>Arabian Journal of Geosciences</i> , 2015, 8, 9753-9761.	1.3	47
23	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.	5.3	46
24	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.	2.4	44
25	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.	8.2	44
26	Multivariate and Geoaccumulation Index Evaluation in Mangrove Surface Sediment of Mengkabong Lagoon, Sabah. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008, 81, 52-56.	2.7	37
27	Coral reefs studies and threats in Malaysia: a mini review. <i>Reviews in Environmental Science and Biotechnology</i> , 2012, 11, 27-39.	8.1	37
28	Occurrence of multiclass endocrine disrupting compounds in a drinking water supply system and associated risks. <i>Scientific Reports</i> , 2020, 10, 17755.	3.3	37
29	A baseline study of tropical coastal water quality in Port Dickson, Strait of Malacca, Malaysia. <i>Marine Pollution Bulletin</i> , 2013, 67, 196-199.	5.0	36
30	Active pharmaceutical ingredients in Malaysian drinking water: consumption, exposure, and human health risk. <i>Environmental Geochemistry and Health</i> , 2020, 42, 3247-3261.	3.4	36
31	Statistical approaches and hydrochemical modelling of groundwater system in a small tropical island. <i>Journal of Hydroinformatics</i> , 2012, 14, 206-220.	2.4	34
32	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.	1.3	34
33	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.	1.5	33
34	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.	2.7	32
35	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.	3.5	31
36	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.	2.7	31

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37	Quality of Kelantan drinking water and knowledge, attitude and practice among the population of Pasir Mas, Malaysia. <i>Public Health</i> , 2016, 131, 103-111.	2.9	30
38	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.	2.6	29
39	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.	3.4	28
40	Evaluation of heavy metal contamination in groundwater samples from Kapas Island, Terengganu, Malaysia. <i>Arabian Journal of Geosciences</i> , 2014, 7, 1087-1100.	1.3	27
41	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, 6855-6868.	2.7	25
42	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, 1-6.	0.9	25
43	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.	3.4	25
44	Tap water contamination: Multiclass endocrine disrupting compounds in different housing types in an urban settlement. <i>Chemosphere</i> , 2021, 264, 128488.	8.2	25
45	Evaluation of Heavy Metal Contamination in Paddy Plants at the Northern Region of Malaysia Using ICPMS and Its Risk Assessment. <i>Plants</i> , 2021, 10, 3.	3.5	25
46	Pharmaceuticals, hormones, plasticizers, and pesticides in drinking water. <i>Journal of Hazardous Materials</i> , 2022, 424, 127327.	12.4	24
47	Heavy Metal Contamination in <i>Oryza sativa</i> L. at the Eastern Region of Malaysia and Its Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 739.	2.6	24
48	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, 2556-2563.	5.0	23
49	Concentration of ions in selected bottled water samples sold in Malaysia. <i>Applied Water Science</i> , 2013, 3, 67-75.	5.6	23
50	Preliminary Study of Heavy Metal (Zn, Pb, Cr, Ni) Contaminations in Langat River Estuary, Selangor. <i>Procedia Environmental Sciences</i> , 2015, 30, 285-290.	1.4	23
51	Heavy Metal Contamination in Urban Surface Soil of Klang District (Malaysia). <i>Soil and Sediment Contamination</i> , 2015, 24, 865-881.	1.9	23
52	Electronic cigarettes: a systematic review of available studies on health risk assessment. <i>Reviews on Environmental Health</i> , 2018, 33, 43-52.	2.4	23
53	Assessment of bioavailability and human health exposure risk to heavy metals in surface soils (Klang) Tj ETQq1 1 0.784314 rgBT /Over	3.4	23
54	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.	5.3	23

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55	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.	0.3	21
56	Understanding of groundwater salinity using statistical modeling in a small tropical island, East Malaysia. <i>The Environmentalist</i> , 2011, 31, 279-287.	0.7	20
57	Application of Environmetric Methods to Surface Water Quality Assessment of Langkawi Geopark (Malaysia). <i>Environmental Forensics</i> , 2013, 14, 230-239.	2.6	19
58	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.	6.0	19
59	Toenail as a biomarker of heavy metal exposure via drinking water: a systematic review. <i>Reviews on Environmental Health</i> , 2014, 30, 1-7.	2.4	18
60	Sustainable groundwater management on the small island of Manukan, Malaysia. <i>Environmental Earth Sciences</i> , 2012, 66, 719-728.	2.7	17
61	A Brush up on Water Quality Studies of Port Dickson, Malaysia. <i>Research Journal of Environmental Sciences</i> , 2011, 5, 841-849.	0.5	17
62	Potential of cellulose paper coated with silver nanoparticles: a benign option for emergency drinking water filter. <i>Cellulose</i> , 2018, 25, 2647-2658.	4.9	16
63	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.	4.9	16
64	Microplastic emissions from household washing machines: preliminary findings from Greater Kuala Lumpur (Malaysia). <i>Environmental Science and Pollution Research</i> , 2021, 28, 18518-18522.	5.3	16
65	Groundwater Assessment at Manukan Island, Sabah: Multidiplinary Approaches. <i>Natural Resources Research</i> , 2010, 19, 279-291.	4.7	15
66	Indicators of microbial beach water quality: Preliminary findings from Teluk Kemang beach, Port Dickson (Malaysia). <i>Marine Pollution Bulletin</i> , 2013, 76, 417-419.	5.0	15
67	Bioavailability of heavy metals using in vitro digestion model: a state of present knowledge. <i>Reviews on Environmental Health</i> , 2013, 28, 181-7.	2.4	15
68	Quality assessment for methodological aspects of microplastics analysis in bottled water – A critical review. <i>Food Control</i> , 2021, 130, 108285.	5.5	15
69	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.	2.4	14
70	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, 4769.	2.6	14
71	CADMIUM EXPOSURE VIA FOOD CROPS: A CASE STUDY OF INTENSIVE FARMING AREA. <i>American Journal of Applied Sciences</i> , 2013, 10, 1252-1262.	0.2	13
72	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.	5.3	13

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73	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.	2.5	13
74	A review of groundwater in islands using SWOT analysis. <i>World Review of Science, Technology and Sustainable Development</i> , 2009, 6, 186.	0.4	12
75	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.	4.1	12
76	Heavy Metals in Soil of the Tropical Climate Bauxite Mining Area in Malaysia. <i>Journal of Physical Science</i> , 2018, 29, 7-14.	0.9	11
77	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.	4.7	10
78	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.	5.0	10
79	Mathematical modeling for estrogenic activity prediction of 17 β -estradiol and 17 α -ethynylestradiol mixtures in wastewater treatment plants effluent. <i>Ecotoxicology</i> , 2017, 26, 1327-1335.	2.4	10
80	Spatial Variation Assessment of River Water Quality Using Environmetric Techniques. <i>Polish Journal of Environmental Studies</i> , 2016, 25, 2411-2421.	1.2	10
81	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.	2.6	9
82	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.	2.2	9
83	Pesticide management approach towards protecting the safety and health of farmers in Southeast Asia. <i>Reviews on Environmental Health</i> , 2018, 33, 123-134.	2.4	8
84	Assessment of Heavy Metal in Self-caught Saltwater Fish from Port Dickson Coastal Water, Malaysia. <i>Sains Malaysiana</i> , 2015, 44, 91-99.	0.5	8
85	Groundwater studies in tropical islands: Malaysian perspective. <i>Episodes</i> , 2010, 33, 200-204.	1.2	8
86	Groundwater Solution Techniques: Environmental Applications. <i>Journal of Water Resource and Protection</i> , 2010, 02, 8-13.	0.8	8
87	DoD2007: 1082 molecular biology databases. <i>Bioinformatics</i> , 2007, 2, 64-67.	0.5	8
88	Drinking water consumption and association between actual and perceived risks of endocrine disrupting compounds. <i>Npj Clean Water</i> , 2022, 5, .	8.0	8
89	A Baseline Study on Groundwater Quality of the Tourist Island, Pulau Tiga, Sabah, Malaysia. <i>Modern Applied Science</i> , 2009, 3, .	0.6	7
90	Public health risk assessment from drinking water from vending machines in Seri Kembangan (Malaysia). <i>Food Control</i> , 2018, 91, 40-46.	5.5	7

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91	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.	2.6	7
92	Characteristics and Source Apportionment of Black Carbon (BC) in a Suburban Area of Klang Valley, Malaysia. <i>Atmosphere</i> , 2021, 12, 784.	2.3	7
93	Quality assessment of research studies on microplastics in soils: A methodological perspective. <i>Chemosphere</i> , 2022, 296, 134026.	8.2	6
94	Statistical Perspective and Pollution Indicator in Mengkabong Mangrove Sediment Sabah. <i>Modern Applied Science</i> , 2009, 2, .	0.6	5
95	MODELING OF SEAWATER INTRUSION FOR A SMALL TROPICAL ISLAND AQUIFER IN EAST MALAYSIA. , 2009, , .		5
96	Modeling of Water Balance Components in a Small Island via a Numerical Model Application. <i>Journal of Coastal Research</i> , 2012, 279, 202-209.	0.3	5
97	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, 1-5.	1.9	5
98	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.	5.0	5
99	Hydrogeochemistry Characteristics in Kampong Salang, Tioman Island, Pahang, Malaysia. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 136, 012065.	0.6	5
100	The Inhibitory Effects of Heterotrigona Itama Honey Marinades on the Formation of Carcinogenic Heterocyclic Amines in Grilled Beef Satay. <i>Molecules</i> , 2020, 25, 3874.	3.8	5
101	Saturation states of carbonate minerals in a freshwater-seawater mixing zone of small tropical island's aquifer. <i>Diqiu Huaxue</i> , 2010, 29, 278-286.	0.5	4
102	Vaping Topography and Reasons of Use among Adults in Klang Valley, Malaysia. <i>Asian Pacific Journal of Cancer Prevention</i> , 2018, 19, 457-462.	1.2	4
103	Quality assessment for methodological aspects of microplastics analysis in soil. <i>Trends in Environmental Analytical Chemistry</i> , 2022, 34, e00159.	10.3	4
104	Numerical simulation of seawater intrusion in Manukan Island, East Malaysia. <i>Journal of Modelling in Management</i> , 2011, 6, 317-333.	1.9	3
105	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	3
106	Analysis of Steroid Estrogens in River Sediment by High Performance Liquid Chromatography-Electrospray Ionization-Mass Spectrometry. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2018, 42, 525-532.	1.5	3
107	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.	3.4	3
108	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

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109	Sorptive Properties of Microplastics Extracted from Cosmetics. , 2020, , 1-12.		2
110	Distribution and source analysis of bioavailable metals in highland river sediment. Environmental Forensics, 2021, 22, 205-218.	2.6	2
111	Functionalized Magnetite Nanoparticle Coagulants with Tropical Fruit Waste Extract: A Potential for Water Turbidity Removal. Arabian Journal for Science and Engineering, 0, , 1.	3.0	2
112	Drinking Water Assessment on Ammonia Exposure Through Tap Water in Kampung Sungai Sekamat, Kajang. Procedia Environmental Sciences, 2015, 30, 354-357.	1.4	1
113	Preliminary analysis of selected tropical fruit seed extracts potential as natural coagulant in water. SN Applied Sciences, 2020, 2, 1.	2.9	1
114	Optimization of nutrients removal from synthetic greywater by low-cost activated carbon: application of Taguchi method and response surface methodology. Toxin Reviews, 2022, 41, 506-515.	3.4	1
115	New Methods to Assess Fecal Contamination in Beach Water Quality. Coastal Research Library, 2015, , 65-81.	0.4	1
116	Health Risk Assessment of Heavy Metal Exposure to Classroom Dust in Primary School, Serdang (Malaysia). , 2014, , 83-87.		1
117	Assessing Respiratory Inflammation among Children Living Near to Non-sanitary Landfill Using Interleukin-6 (IL-6). Advances in Research, 2015, 3, 404-416.	0.3	1
118	Exposure to PM2.5, Ultrafine Particle and Lung Function Among Photocopy Workers in Selangor. , 2014, , 191-195.		1
119	Conceptualizing Seawater Intrusion Processes in Small Tropical Island Via Geochemical Modelling. Coastal Research Library, 2013, , 269-284.	0.4	0
120	Methylmercury Detection in Maternal Blood Samples by Liquid Chromatography with Inductively Coupled Plasma Mass Spectrometry. Pertanika Journal of Science and Technology, 2021, 29, .	0.6	0
121	Sorptive Properties of Microplastics Extracted from Cosmetics. , 2022, , 613-624.		0