Fauziah B S Hamid

List of Publications by Year
in descending order

48 papers	4,534 citations	218677 26 h-index	214800 47 g-index
48 all docs	48 docs citations	48 times ranked	4702 citing authors

#	Article	IF	Citations
1	Distribution and importance of microplastics in the marine environment: A review of the sources, fate, effects, and potential solutions. Environment International, 2017, 102, 165-176.	10.0	1,633
2	Growth kinetics and biodeterioration of polypropylene microplastics by Bacillus sp. and Rhodococcus sp. isolated from mangrove sediment. Marine Pollution Bulletin, 2018, 127, 15-21.	5.0	394
3	Remediation of soil and water contaminated with petroleum hydrocarbon: A review. Environmental Technology and Innovation, 2020, 17, 100526.	6.1	389
4	Screening of Bacillus strains isolated from mangrove ecosystems in Peninsular Malaysia for microplastic degradation. Environmental Pollution, 2017, 231, 1552-1559.	7.5	332
5	Worldwide distribution and abundance of microplastic: How dire is the situation?. Waste Management and Research, 2018, 36, 873-897.	3.9	276
6	Evolution of solid waste management in Malaysia: impacts and implications of the solid waste bill, 2007. Journal of Material Cycles and Waste Management, 2009, 11, 96-103.	3.0	172
7	Drivers of sustainable waste management in Asia. Waste Management and Research, 2009, 27, 625-633.	3.9	105
8	Biotransformation and removal of heavy metals: a review of phytoremediation and microbial remediation assessment on contaminated soil. Environmental Reviews, 2018, 26, 156-168.	4.5	91
9	Challenges and issues in moving towards sustainable landfilling in a transitory country - Malaysia. Waste Management and Research, 2011, 29, 13-19.	3.9	83
10	Bioremediation of Hydrocarbon Contaminated Soil Using Selected Organic Wastes. Procedia Environmental Sciences, 2013, 18, 694-702.	1.4	82
11	Trends in sustainable landfilling in Malaysia, a developing country. Waste Management and Research, 2012, 30, 656-663.	3.9	66
12	Stabilized landfill leachate treatment by coagulation-flocculation coupled with UV-based sulfate radical oxidation process. Waste Management, 2018, 76, 575-581.	7.4	65
13	Plastic debris in the coastal environment: The invincible threat? Abundance of buried plastic debris on Malaysian beaches. Waste Management and Research, 2015, 33, 812-821.	3.9	59
14	Assessment of Natural Radioactivity Levels and Radiation Hazards in Agricultural and Virgin Soil in the State of Kedah, North of Malaysia. Scientific World Journal, The, 2016, 2016, 1-9.	2.1	52
15	Bioaugmentation assisted mycoremediation of heavy metal and/metalloid landfill contaminated soil using consortia of filamentous fungi. Biochemical Engineering Journal, 2020, 157, 107550.	3.6	48
16	Characterization and toxicological evaluation of leachate from closed sanitary landfill. Waste Management and Research, 2012, 30, 888-897.	3.9	47
17	Selected microbial diversity of contaminated landfill soil of Peninsular Malaysia and the behavior towards heavy metal exposure. Catena, 2016, 147, 25-31.	5.0	43
18	Effective bioremediation of heavy metalâ€“contaminated landfill soil through bioaugmentation using consortia of fungi. Journal of Soils and Sediments, 2020, 20, 66-80.	3.0	43

#	Article	IF	Citations
19	Implications of municipal solid waste management on greenhouse gas emissions in Malaysia and the way forward. Waste Management, 2021, 119, 135-144.	7.4	43
20	Immobilization of Pb, Cd, and Zn in a contaminated soil using eggshell and banana stem amendments: metal leachability and a sequential extraction study. Environmental Science and Pollution Research, 2015, 22, 223-230.	5.3	41
21	Marine debris in Malaysia: A review on the pollution intensity and mitigating measures. Marine Pollution Bulletin, 2021, 167, 112258.	5.0	37
22	Supercritical water gasification of sewage sludge and combined cycle for H2 and power production â€“ A thermodynamic study. International Journal of Hydrogen Energy, 2019, 44, 24459-24470.	7.1	35
23	Biodegradation of benzo[a]pyrene by bacterial consortium isolated from mangrove sediment. Environmental Technology (United Kingdom), 2018, 39, 527-535.	2.2	31
24	Status of Microplastic Pollution in Aquatic Ecosystem with a Case Study on Cherating River, Malaysia. Journal of Engineering and Technological Sciences, 2020, 52, 222-241.	0.6	30
25	Enhanced microbial degradation of PET and PS microplastics under natural conditions in mangrove environment. Journal of Environmental Management, 2022, 304, 114273.	7.8	30
26	Sustainable remediation of heavy metal polluted soil: A biotechnical interaction with selected bacteria species. Journal of Geochemical Exploration, 2017, 182, 275-278.	3.2	29
27	Enhanced Bioremediation of Heavy Metal Contaminated Landfill Soil Using Filamentous Fungi Consortia: a Demonstration of Bioaugmentation Potential. Water, Air, and Soil Pollution, 2019, 230, 1.	2.4	28
28	Priorities to inform research on marine plastic pollution in Southeast Asia. Science of the Total Environment, 2022, 841, 156704.	8.0	25
29	Toxicity on Anabas Testudineus: A Case Study of Sanitary Landfill Leachate. Procedia Environmental Sciences, 2013, 18, 14-19.	1.4	22
30	Characterization of induced metal responses of bacteria isolates from active non-sanitary landfill in Malaysia. International Biodeterioration and Biodegradation, 2017, 119, 467-475.	3.9	22
31	Marine debris composition and abundance: A case study of selected beaches in Port Dickson, Malaysia. Aquatic Ecosystem Health and Management, 2012, 15, 279-286.	0.6	21
32	Leachate and Surface Water Characterization and Heavy Metal Health Risk on Cockles in Kuala Selangor. Procedia, Social and Behavioral Sciences, 2016, 222, 263-271.	0.5	21
33	Removal of organic matter from stabilized landfill leachate using Coagulation-Flocculation-Fenton coupled with activated charcoal adsorption. Waste Management and Research, 2017, 35, 739-746.	3.9	20
34	Microplastic pollution in wild commercial nekton from the South China Sea and Indian Ocean, and its implication to human health. Marine Environmental Research, 2021, 167, 105295.	2.5	20
35	Removal of bisphenol A and 2,4-Di-tert-butylphenol from landfill leachate using plant- based coagulant. Waste Management and Research, 2018, 36, 975-984.	3.9	19
36	Degradation of polycyclic aromatic hydrocarbons (pyrene and fluoranthene) by bacterial consortium isolated from contaminated road side soil and soil termite fungal comb. Environmental Earth Sciences, 2015, 74, 5383-5391.	2.7	15

#	Article	IF	Citations
37	Disaster waste management challenges. Waste Management and Research, 2012, 30, 113-114.	3.9	10
38	Optimal Removal of Heavy Metals From Leachate Contaminated Soil Using Bioaugmentation Process. Clean - Soil, Air, Water, 2017, 45, 1500802.	1.1	9
39	Bioaugmentation-assisted bioremediation and kinetics modelling of heavy metal-polluted landfill soil. International Journal of Environmental Science and Technology, 2022, 19, 6729-6754.	3.5	9
40	Strategies for reducing greenhouse gas emissions from municipal solid waste management in Pakistan. Waste Management and Research, 2021, 39, 914-927.	3.9	8
41	Green coagulant from Dillenia indica for removal of bis(2-ethylhexyl) phthalate and phenol, 4,4â€™-(1-methylethylidene)bis- from landfill leachate. Environmental Technology and Innovation, 2021, 24, 102061.	6.1	8
42	Pharmaceuticals in the environment, a prescription for disaster?. Waste Management and Research, 2011, 29, 349-350.	3.9	5
43	Effective removal of p-tert-Butylphenol and Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)- from landfill leachate using locust bean gum. Waste Management and Research, 2018, 36, 1146-1156.	3.9	4
44	Synergistic association of endophytic fungi enhances tolerance, growth, and heavy metal uptake of Alocasia calidora in landfill contaminated soil. Applied Soil Ecology, 2022, 170, 104307.	4.3	4
45	Phytoremediation of leachate contaminated soil: a biotechnical option for the bioreduction of heavy metals induced pollution in tropical landfill. Environmental Science and Pollution Research, 2022, 29, 22069-22081.	5.3	3
46	Waste Management in Developing Countries. Advances in Environmental Engineering and Green Technologies Book Series, 2020, , 494-519.	0.4	2
47	Biological Treatments for Petroleum Hydrocarbon Pollutions: The Eco-Friendly Technologies. , 0, , .		2
48	Micronised keratinous wastes as co-substrates, and source of nutrients and microorganisms for trichoremediation of petroleum hydrocarbon polluted soil. Biocatalysis and Agricultural Biotechnology, 2022, , 102346.	3.1	1