Nur 'Izzati Ismail

List of Publications by Year
in descending order

40 papers	1,248 citations	361296 20 h-index	377752 34 g-index
40 all docs	40 docs citations	40 times ranked	739 citing authors

#	Article	IF	Citations
1	Potential of local plant leaves as natural coagulant for turbidity removal. Environmental Science and Pollution Research, 2022, 29, 2579-2587.	2.7	16
2	Comparative performance of Scirpus grossus for phytotreating mixed dye wastewater in batch and continuous pilot subsurface constructed wetland systems. Journal of Environmental Management, 2022, 307, 114534.	3.8	9
3	Integrated physical-biological treatment system for batik industry wastewater: A review on process selection. Science of the Total Environment, 2022, 819, 152931.	3.9	18
4	Integrated emergent-floating planted reactor for textile effluent: Removal potential, optimization of operational conditions and potential forthcoming waste management strategy. Journal of Environmental Management, 2022, 311, 114832.	3.8	10
5	Potential of indigenous biosurfactant-producing fungi from real crude oil sludge in total petroleum hydrocarbon degradation and its future research prospects. Journal of Environmental Chemical Engineering, 2022, 10, 107621.	3.3	12
6	Current state of marine plastic pollution and its technology for more eminent evidence: A review. Journal of Cleaner Production, 2021, 278, 123537.	4.6	38
7	Effect of microbes addition on the properties and surface morphology of fly ash-based geopolymer paste. Journal of Building Engineering, 2021, 33, 101596.	1.6	14
8	PAH-degrading rhizobacteria of Lepironia articulata for phytoremediation enhancement. Journal of Water Process Engineering, 2021, 39, 101688.	2.6	23
9	Endurance of Phragmites karka in removing colour and suspended solids from industrial coffee processing effluents in a continuous reed bed system. Journal of Water Process Engineering, 2021, 40, 101832.	2.6	4
10	A constructed wetland system for bio-polishing palm oil mill effluent and its future research opportunities. Journal of Water Process Engineering, 2021, 41, 102043.	2.6	16
11	Aquaculture industry: Supply and demand, best practices, effluent and its current issues and treatment technology. Journal of Environmental Management, 2021, 287, 112271.	3.8	104
12	Isolation and characterisation of bioflocculant-producing bacteria from aquaculture effluent and its performance in treating high turbid water. Journal of Water Process Engineering, 2021, 42, 102194.	2.6	25
13	A hybrid treatment system for water contaminated with pentachlorophenol: Removal performance and bacterial community composition. Journal of Water Process Engineering, 2021, 43, 102243.	2.6	9
14	Plant-based versus metal-based coagulants in aquaculture wastewater treatment: Effect of mass ratio and settling time. Journal of Water Process Engineering, 2021, 43, 102269.	2.6	27
15	Simultaneous removal of ibuprofen, organic material, and nutrients from domestic wastewater through a pilot-scale vertical sub-surface flow constructed wetland with aeration system. Journal of Water Process Engineering, 2021, 43, 102214.	2.6	34
16	Potential bifunctional rhizobacteria from crude oil sludge for hydrocarbon degradation and biosurfactant production. Chemical Engineering Research and Design, 2021, 155, 108-121.	2.7	14
17	Aquaculture in Malaysia: Water-related environmental challenges and opportunities for cleaner production. Environmental Technology and Innovation, 2021, 24, 101913.	3.0	31
18	Competence of Lepironia articulata in eradicating chemical oxygen demand and ammoniacal nitrogen in coffee processing mill effluent and its potential as green straw. Science of the Total Environment, 2021, 799, 149315.	3.9	13

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19	A review of biological drinking water treatment technologies for contaminants removal from polluted water resources. Journal of Water Process Engineering, 2020, 33, 101035.	2.6	145
20	Phytoremediation of real coffee industry effluent through a continuous two-stage constructed wetland system. Environmental Technology and Innovation, 2020, 17, 100502.	3.0	34
21	Future challenges in diesel biodegradation by bacteria isolates: A review. Journal of Cleaner Production, 2020, 251, 119716.	4.6	89
22	Utilisation of an aquatic plant (Scirpus grossus) for phytoremediation of real sago mill effluent. Environmental Technology and Innovation, 2020, 19, 101033.	3.0	28
23	Remediation of PAHs-contaminated water and sand by tropical plant (Eleocharis ochrostachys) through sub-surface flow system. Environmental Technology and Innovation, 2020, 20, 101044.	3.0	12
24	Role of Salvinia molesta in biodecolorization of methyl orange dye from water. Scientific Reports, 2020, 10, 13980.	1.6	34
25	Challenges and Opportunities of Biocoagulant/Bioflocculant Application for Drinking Water and Wastewater Treatment and Its Potential for Sludge Recovery. International Journal of Environmental Research and Public Health, 2020, 17, 9312.	1.2	127
26	Dual function of Lemna minor and Azolla pinnata as phytoremediator for Palm Oil Mill Effluent and as feedstock. Chemosphere, 2020, 259, 127468.	4.2	40
27	Performance of pilot Hybrid Reed Bed constructed wetland with aeration system on nutrient removal for domestic wastewater treatment. Environmental Technology and Innovation, 2020, 19, 100891.	3.0	55
28	Applying rhizobacteria consortium for the enhancement of Scirpus grossus growth and phytoaccumulation of Fe and Al in pilot constructed wetlands. Journal of Environmental Management, 2020, 267, 110643.	3.8	40
29	Aluminium removal and recovery from wastewater and soil using isolated indigenous bacteria. Journal of Environmental Management, 2019, 249, 109412.	3.8	38
30	Kinetics of aluminium removal by locally isolated Brochothrix thermosphacta and Vibrio alginolyticus. Journal of Environmental Management, 2019, 238, 194-200.	3.8	42
31	Potential of hexavalent chromium-resistant rhizosphere bacteria in promoting plant growth and hexavalent chromium reduction. Journal of Environmental Biology, 2019, 40, 427-433.	0.2	16
32	Plant-assisted remediation of wastewater contaminated with methyl orange using Scirpus grossus. Journal of Environmental Biology, 2019, 40, 515-523.	0.2	15
33	Effects of pentachlorophenol load on PCP, COD and NH3-N removal in lab-scale multimedia-sequencing batch biofilm reactor treating recycled paper mill wastewater. Journal of Environmental Biology, 2019, 40, 556-562.	0.2	2
34	Phytoremediation of Nutrients and Organic Carbon from Sago Mill Effluent using Water Hyacinth (Eichhornia crassipes). Journal of Engineering and Technological Sciences, 2019, 51, 573-584.	0.3	26
35	Synthesis of Mesoporous Silica for Ammonia Adsorption in Aqueous Solution. Jurnal Kejuruteraan, 2018, SI1, 59-64.	0.2	3
36	Adsorption Isotherm and Kinetic Studies of Pentachlorophenol Removal from Aqueous Solution onto Coconut Shell-based Granular Activated Carbon. Journal of Environmental Science and Technology, 2018, 11, 68-78.	0.3	4

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37	Accumulation of Fe-Al by Scirpus grossus Grown in Synthetic Bauxite Mining Wastewater and Identification of Resistant Rhizobacteria. Environmental Engineering Science, 2017, 34, 367-375.	0.8	29
38	Sub-surface flow system for PAHs removal in water using Lepironia articulate under greenhouse conditions. Ecological Engineering, 2016, 87, 1-8.	1.6	20
39	Tolerance and Survival of Scirpus grossus and Lepironia articulata in Synthetic Mining Wastewater. Journal of Environmental Science and Technology, 2015, 8, 232-237.	0.3	7
40	Simultaneous bioaccumulation and translocation of iron and aluminium from mining wastewater by Scirpus grossus. , 0, 163, 133-142.		25