

Nur 'Izzati Ismail

List of Publications by Year in descending order

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Version: 2024-02-01

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	A review of biological drinking water treatment technologies for contaminants removal from polluted water resources. <i>Journal of Water Process Engineering</i> , 2020, 33, 101035.	2.6	145
2	Challenges and Opportunities of Biocoagulant/Biofloculant Application for Drinking Water and Wastewater Treatment and Its Potential for Sludge Recovery. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9312.	1.2	127
3	Aquaculture industry: Supply and demand, best practices, effluent and its current issues and treatment technology. <i>Journal of Environmental Management</i> , 2021, 287, 112271.	3.8	104
4	Future challenges in diesel biodegradation by bacteria isolates: A review. <i>Journal of Cleaner Production</i> , 2020, 251, 119716.	4.6	89
5	Performance of pilot Hybrid Reed Bed constructed wetland with aeration system on nutrient removal for domestic wastewater treatment. <i>Environmental Technology and Innovation</i> , 2020, 19, 100891.	3.0	55
6	Kinetics of aluminium removal by locally isolated <i>Brochothrix thermosphacta</i> and <i>Vibrio alginolyticus</i> . <i>Journal of Environmental Management</i> , 2019, 238, 194-200.	3.8	42
7	Dual function of <i>Lemna minor</i> and <i>Azolla pinnata</i> as phytoremediator for Palm Oil Mill Effluent and as feedstock. <i>Chemosphere</i> , 2020, 259, 127468.	4.2	40
8	Applying rhizobacteria consortium for the enhancement of <i>Scirpus grossus</i> growth and phytoaccumulation of Fe and Al in pilot constructed wetlands. <i>Journal of Environmental Management</i> , 2020, 267, 110643.	3.8	40
9	Aluminium removal and recovery from wastewater and soil using isolated indigenous bacteria. <i>Journal of Environmental Management</i> , 2019, 249, 109412.	3.8	38
10	Current state of marine plastic pollution and its technology for more eminent evidence: A review. <i>Journal of Cleaner Production</i> , 2021, 278, 123537.	4.6	38
11	Phytoremediation of real coffee industry effluent through a continuous two-stage constructed wetland system. <i>Environmental Technology and Innovation</i> , 2020, 17, 100502.	3.0	34
12	Role of <i>Salvinia molesta</i> in biodecolorization of methyl orange dye from water. <i>Scientific Reports</i> , 2020, 10, 13980.	1.6	34
13	Simultaneous removal of ibuprofen, organic material, and nutrients from domestic wastewater through a pilot-scale vertical sub-surface flow constructed wetland with aeration system. <i>Journal of Water Process Engineering</i> , 2021, 43, 102214.	2.6	34
14	Aquaculture in Malaysia: Water-related environmental challenges and opportunities for cleaner production. <i>Environmental Technology and Innovation</i> , 2021, 24, 101913.	3.0	31
15	Accumulation of Fe-Al by <i>Scirpus grossus</i> Grown in Synthetic Bauxite Mining Wastewater and Identification of Resistant Rhizobacteria. <i>Environmental Engineering Science</i> , 2017, 34, 367-375.	0.8	29
16	Utilisation of an aquatic plant (<i>Scirpus grossus</i>) for phytoremediation of real sago mill effluent. <i>Environmental Technology and Innovation</i> , 2020, 19, 101033.	3.0	28
17	Plant-based versus metal-based coagulants in aquaculture wastewater treatment: Effect of mass ratio and settling time. <i>Journal of Water Process Engineering</i> , 2021, 43, 102269.	2.6	27
18	Phytoremediation of Nutrients and Organic Carbon from Sago Mill Effluent using Water Hyacinth (<i>Eichhornia crassipes</i>). <i>Journal of Engineering and Technological Sciences</i> , 2019, 51, 573-584.	0.3	26

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19	Isolation and characterisation of bioflocculant-producing bacteria from aquaculture effluent and its performance in treating high turbid water. <i>Journal of Water Process Engineering</i> , 2021, 42, 102194.	2.6	25
20	Simultaneous bioaccumulation and translocation of iron and aluminium from mining wastewater by <i>Scirpus grossus</i> . , 0, 163, 133-142.		25
21	PAH-degrading rhizobacteria of <i>Lepironia articulata</i> for phytoremediation enhancement. <i>Journal of Water Process Engineering</i> , 2021, 39, 101688.	2.6	23
22	Sub-surface flow system for PAHs removal in water using <i>Lepironia articulata</i> under greenhouse conditions. <i>Ecological Engineering</i> , 2016, 87, 1-8.	1.6	20
23	Integrated physical-biological treatment system for batik industry wastewater: A review on process selection. <i>Science of the Total Environment</i> , 2022, 819, 152931.	3.9	18
24	A constructed wetland system for bio-polishing palm oil mill effluent and its future research opportunities. <i>Journal of Water Process Engineering</i> , 2021, 41, 102043.	2.6	16
25	Potential of local plant leaves as natural coagulant for turbidity removal. <i>Environmental Science and Pollution Research</i> , 2022, 29, 2579-2587.	2.7	16
26	Potential of hexavalent chromium-resistant rhizosphere bacteria in promoting plant growth and hexavalent chromium reduction. <i>Journal of Environmental Biology</i> , 2019, 40, 427-433.	0.2	16
27	Plant-assisted remediation of wastewater contaminated with methyl orange using <i>Scirpus grossus</i> . <i>Journal of Environmental Biology</i> , 2019, 40, 515-523.	0.2	15
28	Effect of microbes addition on the properties and surface morphology of fly ash-based geopolymer paste. <i>Journal of Building Engineering</i> , 2021, 33, 101596.	1.6	14
29	Potential bifunctional rhizobacteria from crude oil sludge for hydrocarbon degradation and biosurfactant production. <i>Chemical Engineering Research and Design</i> , 2021, 155, 108-121.	2.7	14
30	Competence of <i>Lepironia articulata</i> in eradicating chemical oxygen demand and ammoniacal nitrogen in coffee processing mill effluent and its potential as green straw. <i>Science of the Total Environment</i> , 2021, 799, 149315.	3.9	13
31	Remediation of PAHs-contaminated water and sand by tropical plant (<i>Eleocharis ochrostachys</i>) through sub-surface flow system. <i>Environmental Technology and Innovation</i> , 2020, 20, 101044.	3.0	12
32	Potential of indigenous biosurfactant-producing fungi from real crude oil sludge in total petroleum hydrocarbon degradation and its future research prospects. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107621.	3.3	12
33	Integrated emergent-floating planted reactor for textile effluent: Removal potential, optimization of operational conditions and potential forthcoming waste management strategy. <i>Journal of Environmental Management</i> , 2022, 311, 114832.	3.8	10
34	A hybrid treatment system for water contaminated with pentachlorophenol: Removal performance and bacterial community composition. <i>Journal of Water Process Engineering</i> , 2021, 43, 102243.	2.6	9
35	Comparative performance of <i>Scirpus grossus</i> for phytotreating mixed dye wastewater in batch and continuous pilot subsurface constructed wetland systems. <i>Journal of Environmental Management</i> , 2022, 307, 114534.	3.8	9
36	Tolerance and Survival of <i>Scirpus grossus</i> and <i>Lepironia articulata</i> in Synthetic Mining Wastewater. <i>Journal of Environmental Science and Technology</i> , 2015, 8, 232-237.	0.3	7

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37	Endurance of <i>Phragmites karka</i> in removing colour and suspended solids from industrial coffee processing effluents in a continuous reed bed system. <i>Journal of Water Process Engineering</i> , 2021, 40, 101832.	2.6	4
38	Adsorption Isotherm and Kinetic Studies of Pentachlorophenol Removal from Aqueous Solution onto Coconut Shell-based Granular Activated Carbon. <i>Journal of Environmental Science and Technology</i> , 2018, 11, 68-78.	0.3	4
39	Synthesis of Mesoporous Silica for Ammonia Adsorption in Aqueous Solution. <i>Jurnal Kejuruteraan</i> , 2018, S11, 59-64.	0.2	3
40	Effects of pentachlorophenol load on PCP, COD and NH ₃ -N removal in lab-scale multimedia-sequencing batch biofilm reactor treating recycled paper mill wastewater. <i>Journal of Environmental Biology</i> , 2019, 40, 556-562.	0.2	2