Siti Rozaimah Sheikh Abdullah

List of Publications by Year
in descending order

235 papers	9,181 citations	41480 48 h-index	51768 84 g-index
237 all docs	237 docs citations	237 times ranked	7231 citing authors

#	Article	IF	Citations
1	Integrating phytoremediation and mycoremediation with biosurfactant-producing fungi for hydrocarbon removal and the potential production of secondary resources. Chemosphere, 2024, 349, 140881.	8.5	14
2	Microplastic Removal in Wastewater Treatment Plants (WWTPs) by Natural Coagulation: A Literature Review. Toxics, 2024, 12, 12.	4.2	25
3	Biosorption of Lead and Copper by Epiphytic Rhizobacterial Species Isolated from <i>Lepironia articulata</i> and <i>Scirpus grossus</i>. Journal of Ecological Engineering, 2024, 25, 44-61.	1.4	1
4	Floating Aquatic Macrophytes in Wastewater Treatment: Toward a Circular Economy. Water (Switzerland), 2024, 16, 870.	2.8	19
5	Effect of Ludwigia octovalvis biomass ratio on hydrocarbon phytotoxicity. Journal of Water Process Engineering, 2024, 60, 105177.	6.2	6
6	Biosorption of chromium by live and dead cells of Bacillus nitratireducens isolated from textile effluent. Chemosphere, 2024, 359, 142389.	8.5	8
7	A Review on the Roles of Extracellular Polymeric Substances (EPSs) in Wastewater Treatment: Source, Mechanism Study, Bioproducts, Limitations, and Future Challenges. Water (Switzerland), 2024, 16, 2812.	2.8	14
8	Design of Typical Rainwater Harvesting Storage Tanks Based on Housing Type (Case Study in Indonesia). Lecture Notes in Civil Engineering, 2023, , 1029-1041.	0.0	1
9	Integrating treatment processes of coffee processing mill effluent for reclamation of secondary resources. Journal of Cleaner Production, 2023, 386, 135837.	9.8	10
10	Response Surface Methodology (RSM) Approach to Optimization of Coagulation-Flocculation of Aquaculture Wastewater Treatment Using Chitosan from Carapace of Giant Freshwater Prawn Macrobrachium rosenbergii. Polymers, 2023, 15, 1058.	4.7	15
11	A study on the recovery and characterization of suspended solid from aquaculture wastewater through coagulation/flocculation using chitosan and its viability as organic fertilizer. Journal of Agriculture and Food Research, 2023, 11, 100532.	3.9	9
12	A study on the effects of interfering with the conventional sequential protocol for chemical isolation and characterization of chitosan from biowaste of giant freshwater prawn Macrobrachium rosenbergii. Heliyon, 2023, 9, e13970.	3.6	1
13	Application of hybrid biofilm reactors for Bisphenol A removal. Materials Today: Proceedings, 2023, , .	1.8	1
14	Coagulation-flocculation treatment for batik effluent as a baseline study for the upcoming application of green coagulants/flocculants towards sustainable batik industry. Heliyon, 2023, 9, e17284.	3.6	15
15	Maximizing diesel removal from contaminated sand using Scirpus mucronatus and assessment of rhizobacteria addition effect. Heliyon, 2023, 9, e21737.	3.6	2
16	What compound inside biocoagulants/bioflocculants is contributing the most to the coagulation and flocculation processes?. Science of the Total Environment, 2022, 806, 150902.	8.4	118
17	Lead (Pb) removal from contaminated water using constructed wetland planted with Scirpus grossus: Optimization using response surface methodology (RSM) and assessment of rhizobacterial addition. Chemosphere, 2022, 291, 132952.	8.5	19
18	Inoculation of bioflocculantâ€producing bacteria for enhanced biofloc formation and pond preparation: Effect on water quality and bacterial community. Aquaculture Research, 2022, 53, 1602-1607.	1.9	9

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19	Exploring the extraction methods for plant-based coagulants and their future approaches. Science of the Total Environment, 2022, 818, 151668.	8.4	63
20	Interactions between operating parameters of moving bed biofilm reactors in treating palm oil mill effluent. Chemical Engineering Research and Design, 2022, 158, 567-575.	6.4	8
21	Dosage-based application versus ratio-based approach for metal- and plant-based coagulants in wastewater treatment: Merits, limitations, and applicability. Journal of Cleaner Production, 2022, 334, 130245.	9.8	39
22	Contaminants of emerging concern (CECs) in aquaculture effluent: Insight into breeding and rearing activities, alarming impacts, regulations, performance of wastewater treatment unit and future approaches. Chemosphere, 2022, 290, 133319.	8.5	76
23	A feasibility study for the treatment of 1,2-dichloroethane-contaminated groundwater using reedbed system and assessment of its natural attenuation. Science of the Total Environment, 2022, 814, 152799.	8.4	20
24	Removal of ammonium, phosphate, and COD by bacteria isolated from Lepironia articulata and Scirpus grossus root system. International Journal of Environmental Science and Technology, 2022, 19, 11893-11904.	3.2	12
25	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.	8.4	18
26	Integrated physical-biological treatment system for batik industry wastewater: A review on process selection. Science of the Total Environment, 2022, 819, 152931.	8.4	54
27	Ecological impacts of ballast water loading and discharge: insight into the toxicity and accumulation of disinfection by-products. Heliyon, 2022, 8, e09107.	3.6	25
28	Practical limitations of bioaugmentation in treating heavy metal contaminated soil and role of plant growth promoting bacteria in phytoremediation as a promising alternative approach. Heliyon, 2022, 8, e08995.	3.6	64
29	Properties of bioflocculant-producing bacteria for high flocculating activity efficiency. Environmental Technology and Innovation, 2022, 27, 102529.	6.8	15
30	Unveiling the optimal ammonia-oxidising bacterial consortium for polishing low ammonia-contaminated wastewater. Journal of Water Process Engineering, 2022, 47, 102753.	6.2	13
31	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.	8.4	20
32	Treatment of real aquaculture effluent using bacteria-based bioflocculant produced by Serratia marcescens. Journal of Water Process Engineering, 2022, 47, 102708.	6.2	35
33	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.	6.2	28
34	Assessing the effect of multiple variables on the production of bioflocculant by Serratia marcescens: Flocculating activity, kinetics, toxicity, and flocculation mechanism. Science of the Total Environment, 2022, 836, 155564.	8.4	30
35	A review of ammonia removal using a biofilm-based reactor and its challenges. Journal of Environmental Management, 2022, 315, 115162.	8.4	51
36	CHEMICAL COMPOSITION AND THERMAL ANALYSIS OF CELLULOSE EXTRACTED FROM SENDUDUK (Melastoma malabathricum L.). Journal of Sustainability Science and Management, 2022, 17, 141-150.	0.5	0

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37	Potential of microalgae cultivation using nutrient-rich wastewater and harvesting performance by biocoagulants/bioflocculants: Mechanism, multi-conversion of biomass into valuable products, and future challenges. Journal of Cleaner Production, 2022, 365, 132806.	9.8	73
38	Potential of Using Dual-Media Biofilm Reactors as a Real Coffee Industrial Effluent Pre-Treatment. Water (Switzerland), 2022, 14, 2025.	2.8	8
39	Plant-based coagulants/flocculants: characteristics, mechanisms, and possible utilization in treating aquaculture effluent and benefiting from the recovered nutrients. Environmental Science and Pollution Research, 2022, 29, 58430-58453.	4.5	42
40	Progress in Microalgae Application for CO2 Sequestration. Cleaner Chemical Engineering, 2022, 3, 100044.	5.1	104
41	Removal of copper by Azolla filiculoides and Lemna minor: phytoremediation potential, adsorption kinetics and isotherms. Heliyon, 2022, 8, e11456.	3.6	20
42	Performance of water-extracted Leucaena leucocephala seeds as coagulant and alum in treating aquaculture effluent: effect of dosage, rapid mixing speed, and settling time. International Journal of Environmental Science and Technology, 2022, 20, 9981-9994.	3.2	4
43	Response and capability of Scirpus mucronatus (L.) in phytotreating petrol-contaminated soil. Chemosphere, 2021, 269, 128760.	8.5	21
44	Current state of marine plastic pollution and its technology for more eminent evidence: A review. Journal of Cleaner Production, 2021, 278, 123537.	9.8	65
45	Effect of microbes addition on the properties and surface morphology of fly ash-based geopolymer paste. Journal of Building Engineering, 2021, 33, 101596.	3.4	24
46	PAH-degrading rhizobacteria of Lepironia articulata for phytoremediation enhancement. Journal of Water Process Engineering, 2021, 39, 101688.	6.2	35
47	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.	6.2	10
48	Effective Iron-accumulating Bacteria Isolated from Chemical Laboratory Drainage for Iron Removal. Journal of Ecological Engineering, 2021, 22, 187-194.	1.4	1
49	Cell-based influenza vaccine: current production, halal status assessment, and recommendations towards Islamic-compliant manufacturing. Human Vaccines and Immunotherapeutics, 2021, 17, 2158-2168.	3.4	10
50	Potential of valuable materials recovery from aquaculture wastewater: An introduction to resource reclamation. Aquaculture Research, 2021, 52, 2954-2962.	1.9	73
51	Distribution of organochlorine pesticide pollution in water, sediment, mollusk, and fish at Saguling Dam, West Java, Indonesia. Toxicological Research, 2021, 38, 149-157.	2.2	22
52	Microbial degradation ofÂmicroplastics by enzymatic processes: a review. Environmental Chemistry Letters, 2021, 19, 3057-3073.	20.3	316
53	Resistance of bacteria isolated from leachate to heavy metals and the removal of Hg by Pseudomonas aeruginosa strain FZ-2 at different salinity levels in a batch biosorption system. Sustainable Environment Research, 2021, 31, .	4.8	70
54	Cultivation and application of Scenedesmus sp. strain UKM9 in palm oil mill effluent treatment for enhanced nutrient removal. Journal of Cleaner Production, 2021, 294, 126295.	9.8	13

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55	A review of the production process of bacteria-based polymeric flocculants. Journal of Water Process Engineering, 2021, 40, 101915.	6.2	47
56	Analysis of Optimum Temperature and Calcination Time in the Production of CaO Using Seashells Waste as CaCO₃ Source. Journal of Ecological Engineering, 2021, 22, 221-228.	1.4	28
57	A constructed wetland system for bio-polishing palm oil mill effluent and its future research opportunities. Journal of Water Process Engineering, 2021, 41, 102043.	6.2	23
58	Aquaculture industry: Supply and demand, best practices, effluent and its current issues and treatment technology. Journal of Environmental Management, 2021, 287, 112271.	8.4	244
59	Phyto-Tolerance Degradation of Hydrocarbons and Accumulation of Heavy Metals by of Cajanus cajan (Pigeon Pea) in Petroleum-Oily-Sludge-Contaminated Soil. Agronomy, 2021, 11, 1138.	3.2	12
60	Potential of local plant leaves as natural coagulant for turbidity removal. Environmental Science and Pollution Research, 2021, 29, 2579-2587.	4.5	25
61	Reusing sago mill effluent as a substrate for bio-based polymeric flocculant fermentation: Optimisation of operational conditions. Environmental Technology and Innovation, 2021, 23, 101704.	6.8	5
62	Microplastic pollution in the environment: Insights into emerging sources and potential threats. Environmental Technology and Innovation, 2021, 23, 101790.	6.8	77
63	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.	6.2	43
64	Struvite precipitation as pretreatment method of mature landfill leachate. Bioresource Technology Reports, 2021, 15, 100792.	3.0	11
65	Impact of degraded solid waste utilization as a daily cover for landfill on the formation of methane and leachate. Bioresource Technology Reports, 2021, 15, 100797.	3.0	9
66	A hybrid treatment system for water contaminated with pentachlorophenol: Removal performance and bacterial community composition. Journal of Water Process Engineering, 2021, 43, 102243.	6.2	14
67	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.	6.2	46
68	Macrophytes as wastewater treatment agents: Nutrient uptake and potential of produced biomass utilization toward circular economy initiatives. Science of the Total Environment, 2021, 790, 148219.	8.4	130
69	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.	6.2	51
70	Application of phytotechnology in alleviating pharmaceuticals and personal care products (PPCPs) in wastewater: Source, impacts, treatment, mechanisms, fate, and SWOT analysis. Journal of Cleaner Production, 2021, 319, 128584.	9.8	111
71	Potential bifunctional rhizobacteria from crude oil sludge for hydrocarbon degradation and biosurfactant production. Chemical Engineering Research and Design, 2021, 155, 108-121.	6.4	23
72	Potential of Lemna minor for removal of methylene blue in aqueous solution: Kinetics, adsorption mechanism, and degradation pathway. Environmental Technology and Innovation, 2021, 24, 101921.	6.8	22

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73	Aquaculture in Malaysia: Water-related environmental challenges and opportunities for cleaner production. Environmental Technology and Innovation, 2021, 24, 101913.	6.8	55
74	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.	8.4	26
75	PHYTOTOXICITY OF COFFEE WASTEWATER TO WATER HYACINTH AS PRIOR STEP TO PHYTOTREATMENT ASSESSMENT: INFLUENCE OF CONCENTRATION AND AMOUNT OF PLANT BIOMASS. Environmental Engineering and Management Journal, 2021, 20, 1543-1544.	0.6	7
76	Phytoremediation of real coffee industry effluent through a continuous two-stage constructed wetland system. Environmental Technology and Innovation, 2020, 17, 100502.	6.8	49
77	Future challenges in diesel biodegradation by bacteria isolates: A review. Journal of Cleaner Production, 2020, 251, 119716.	9.8	123
78	Characterisation of Pb-resistant plant growth-promoting rhizobacteria (PGPR) from Scirpus grossus. Biocatalysis and Agricultural Biotechnology, 2020, 23, 101456.	3.7	44
79	Multimedia-sequencing batch biofilm reactor in treating recycled paper mill effluent containing high level of pentachlorophenol: Long-term performance, mechanism and kinetic studies. Journal of Water Process Engineering, 2020, 37, 101522.	6.2	13
80	Performance of geotextile-based slow sand filter media in removing total coli for drinking water treatment using system dynamics modelling. Heliyon, 2020, 6, e04967.	3.6	11
81	Utilisation of an aquatic plant (Scirpus grossus) for phytoremediation of real sago mill effluent. Environmental Technology and Innovation, 2020, 19, 101033.	6.8	40
82	Design, Operation and Optimization of Constructed Wetland for Removal of Pollutant. International Journal of Environmental Research and Public Health, 2020, 17, 8339.	3.1	138
83	Effect of wastewater depth to the performance of short-term batching-experiments horizontal flow constructed wetland system in treating domestic wastewater. Environmental Technology and Innovation, 2020, 20, 101106.	6.8	35
84	Phytotoxicity Study of Native Plants in ex-mining lake water treatment. IOP Conference Series: Materials Science and Engineering, 2020, 808, 012040.	0.5	1
85	Remediation of PAHs-contaminated water and sand by tropical plant (Eleocharis ochrostachys) through sub-surface flow system. Environmental Technology and Innovation, 2020, 20, 101044.	6.8	14
86	Cytotoxicity evaluation of ketoprofen found in pharmaceutical wastewater on HEK 293 cell growth and metabolism. Environmental Toxicology and Pharmacology, 2020, 80, 103498.	4.3	19
87	Evaluation of short-term pilot reed bed performance for real domestic wastewater treatment. Environmental Technology and Innovation, 2020, 20, 101110.	6.8	26
88	Role of Salvinia molesta in biodecolorization of methyl orange dye from water. Scientific Reports, 2020, 10, .	3.7	46
89	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.	3.1	236
90	Bioaugmentation of Vibrio alginolyticus in phytoremediation of aluminium-contaminated soil using Scirpus grossus and Thypa angustifolia. Heliyon, 2020, 6, e05004.	3.6	48

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91	Performance of a laboratory-scale moving bed biofilm reactor (MBBR) and its microbial diversity in palm oil mill effluent (POME) treatment. Chemical Engineering Research and Design, 2020, 142, 325-335.	6.4	40
92	Dual function of Lemna minor and Azolla pinnata as phytoremediator for Palm Oil Mill Effluent and as feedstock. Chemosphere, 2020, 259, 127468.	8.5	58
93	Rhizodegradation of Petroleum Oily Sludge-contaminated Soil Using Cajanus cajan Increases the Diversity of Soil Microbial Community. Scientific Reports, 2020, 10, .	3.7	65
94	Microalgae-bacteria interaction in palm oil mill effluent treatment. Journal of Water Process Engineering, 2020, 35, 101203.	6.2	57
95	Plant-assisted remediation of hydrocarbons in water and soil: Application, mechanisms, challenges and opportunities. Chemosphere, 2020, 247, 125932.	8.5	168
96	Bioflocculant production using palm oil mill and sago mill effluent as a fermentation feedstock: Characterization and mechanism of flocculation. Journal of Environmental Management, 2020, 260, 110046.	8.4	31
97	Risk analysis of inhaled hexavalent chromium (Cr6+) exposure on blacksmiths from industrial area. Environmental Science and Pollution Research, 2020, 28, 14000-14008.	4.5	27
98	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.	6.8	80
99	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.	8.4	62
100	Development of Adsorbent from Phytoremediation Plant Waste for Methylene Blue Removal. Journal of Ecological Engineering, 2020, 21, 207-215.	1.4	12
101	Phytoremediation of Ex Mining Lake Water in Constructed Wetland by Perennial Plants. Chiang Mai University Journal of Natural Sciences, 2020, 19, .	0.2	2
102	Design of a Reed Bed System for Treatment of Domestic Wastewater using Native Plants. Journal of Ecological Engineering, 2020, 21, 22-28.	1.4	9
103	Aluminium removal and recovery from wastewater and soil using isolated indigenous bacteria. Journal of Environmental Management, 2019, 249, 109412.	8.4	50
104	Assessing the feasibility of microalgae cultivation in agricultural wastewater: The nutrient characteristics. Environmental Technology and Innovation, 2019, 15, 100402.	6.8	51
105	Biosurfactant produced by the hydrocarbon-degrading bacteria: Characterization, activity and applications in removing TPH from contaminated soil. Environmental Technology and Innovation, 2019, 14, 100347.	6.8	50
106	Kinetics of aluminium removal by locally isolated Brochothrix thermosphacta and Vibrio alginolyticus. Journal of Environmental Management, 2019, 238, 194-200.	8.4	48
107	Analysis of the elemental composition and uptake mechanism of Chlorella sorokiniana for nutrient removal in agricultural wastewater under optimized response surface methodology (RSM) conditions. Journal of Cleaner Production, 2019, 210, 673-686.	9.8	66
108	Phytoremediation Efficiency of Water Hyacinth for Batik Textile Effluent Treatment. Journal of Ecological Engineering, 2019, 20, 177-187.	1.4	28

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109	Phytotoxicity of Contaminated Sand Containing Crude Oil Sludge on Ludwigia octovalvis. Journal of Ecological Engineering, 2019, 20, 246-255.	1.4	17
110	Biosorption of Heavy Metals from Synthetic Wastewater by Using Macro Algae Collected from Iraqi Marshlands. Journal of Ecological Engineering, 2019, 20, 18-22.	1.4	17
111	CURRENT DEVELOPMENT ON BIOPLASTICS AND ITS FUTURE PROSPECTS: AN INTRODUCTORY REVIEW. INWASCON Technology Magazine, 2019, , 03-08.	0.4	82
112	Simultaneous bioaccumulation and translocation of iron and aluminium from mining wastewater by Scirpus grossus. Desalination and Water Treatment, 2019, 163, 133-142.	0.9	30
113	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.	0.7	30
114	Optimized Conditions for Pharmaceuticals and Personal Care Products Removal by Ozonation Using Response Surface Methodology. International Journal of Pharmaceutical Quality Assurance, 2019, 10, .	0.2	1
115	Phytotransformation of methylene blue from water using aquatic plant (Azolla pinnata). Environmental Technology and Innovation, 2018, 11, 15-22.	6.8	60
116	Statistical optimization of the phytoremediation of arsenic byLudwigia octovalvis-in a pilot reed bed using response surface methodology (RSM) versus an artificial neural network (ANN). International Journal of Phytoremediation, 2018, 20, 721-729.	3.5	50
117	A review of biological aerated filters for iron and manganese ions removal in water treatment. Journal of Water Process Engineering, 2018, 23, 1-12.	6.2	126
118	Response surface methodological analysis for the optimization of acid-catalyzed transesterification biodiesel wastewater pre-treatment using coagulationâ€“flocculation process. Chemical Engineering Research and Design, 2018, 113, 184-192.	6.4	45
119	Growth improvement and metabolic profiling of native and commercial Chlorella sorokiniana strains acclimatized in recycled agricultural wastewater. Bioresource Technology, 2018, 247, 930-939.	10.0	28
120	A review of moving-bed biofilm reactor technology for palm oil mill effluent treatment. Journal of Cleaner Production, 2018, 171, 1532-1545.	9.8	115
121	An overview of the technology used to remove trihalomethane (THM), trihalomethane precursors, and trihalomethane formation potential (THMFP) from water and wastewater. Journal of Industrial and Engineering Chemistry, 2018, 57, 1-14.	5.9	77
122	Arsenic Resistance and Biosorption by Isolated Rhizobacteria from the Roots of Ludwigia octovalvis. International Journal of Microbiology, 2018, 2018, 1-10.	2.8	68
123	Comparative phytotoxicity of Azolla pinnata and Lemna minor in Treated Palm Oil Mill Effluent. International Journal of Engineering and Technology(UAE), 2018, 7, 2499.	0.3	12
124	Simultaneous removal of ammonium and manganese in slow sand biofilter (SSB) by naturally grown bacteria from lake water and its diverse microbial community. Journal of Environmental Chemical Engineering, 2018, 6, 6351-6358.	6.2	25
125	PHYTOREMEDIATION OF ABANDONED MINING LAKE BY WATER HYACINTH AND WATER LETTUCES IN CONSTRUCTED WETLANDS. Jurnal Teknologi (Sciences and Engineering), 2018, 80, .	0.5	5
126	Biological Treatment of Pb and Zn using Sequencing Batch Reactor. Jurnal Kejuruteraan, 2018, 30, 201-207.	0.4	7

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127	HRT EFFECT ON SIMULTANEOUS COD, AMMONIA AND MANGANESE REMOVAL FROM DRINKING WATERTREATMENT SYSTEM USING A BIOLOGICAL AERATED FILTER (BAF). Environmental Engineering and Management Journal, 2018, 17, 199-207.	0.6	6
128	Biosurfactant production by the hydrocarbon-degrading bacteria (HDB) Serratia marcescens: Optimization using central composite design (CCD). Journal of Industrial and Engineering Chemistry, 2017, 47, 272-280.	5.9	54
129	A review of the potentials, challenges and current status of microalgae biomass applications in industrial wastewater treatment. Journal of Water Process Engineering, 2017, 20, 8-21.	6.2	269
130	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.	1.9	37
131	Optimization of lead (Pb) bioaccumulation in Melastoma malabathricum L. by response surface methodology (RSM). Rendiconti Lincei, 2017, 29, 43-51.	2.6	19
132	Application of Response Surface Method in Reverse Osmosis Membrane to Optimize BOD, COD and Colour Removal from Palm Oil Mill Effluent. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 1871.	0.5	7
133	Alsolation and Characterization of a Heavy Metalreducing Enterobacteriaceae Bacterium Strain DRY 7 with the Ability to Assimilate Phenol and Diesel. Indian Journal of Science and Technology, 2016, 9, .	0.5	0
134	Toxicity Test of Hydrocarbon Exposure on Lepironia articulate in Phytoremediation Process. Asian Journal of Chemistry, 2016, 28, 30-34.	0.4	4
135	Design of Supporting Media for Growth of Biofilm in Treating Industrial Wastewater. Indian Journal of Science and Technology, 2016, 9, .	0.5	1
136	Modelling the kinetics of hexavalent molybdenum (Mo6+) reduction by the Serratia sp. strain MIE2 in batch culture. Rendiconti Lincei, 2016, 27, 653-663.	2.6	5
137	Optimization and maximization of hexavalent molybdenum reduction to Mo-blue by Serratia sp. strain MIE2 using response surface methodology. Rendiconti Lincei, 2016, 27, 697-709.	2.6	13
138	Interaction of environmental factors on simultaneous biosorption of lead and manganese ions by locally isolated Bacillus cereus. Journal of Industrial and Engineering Chemistry, 2016, 37, 295-305.	5.9	54
139	Enhanced growth and nutrients removal efficiency of Characium sp. cultured in agricultural wastewater via acclimatized inoculum and effluent recycling. Journal of Environmental Chemical Engineering, 2016, 4, 3426-3432.	6.2	25
140	Comparative process optimization of pilot-scale total petroleum hydrocarbon (TPH) degradation by Paspalum scrobiculatum L. Hack using response surface methodology (RSM) and artificial neural networks (ANNs). Ecological Engineering, 2016, 97, 524-534.	4.1	41
141	Sub-surface flow system for PAHs removal in water using Lepironia articulate under greenhouse conditions. Ecological Engineering, 2016, 87, 1-8.	4.1	25
142	Removal of ibuprofen, ketoprofen, COD and nitrogen compounds from pharmaceutical wastewater using aerobic suspension-sequencing batch reactor (ASSBR). Separation and Purification Technology, 2016, 157, 215-221.	8.8	65
143	Characterization of hydrophilic nanofiltration and ultrafiltration membranes for groundwater treatment as potable water resources. Desalination and Water Treatment, 2016, 57, 7711-7720.	0.9	9
144	Bioaugmentation for the enhancement of hydrocarbon phytoremediation by rhizobacteria consortium in pilot horizontal subsurface flow constructed wetlands. International Journal of Environmental Science and Technology, 2016, 14, 75-84.	3.2	49

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145	Performance of membrane filtration in the removal of iron and manganese from Malaysia's groundwater. Membrane Water Treatment, 2016, 7, 277-296.	0.5	18
146	Isolation and characterization of a molybdenum-reducing and SDSdegrading Klebsiella oxytoca strain Aft-7 and its bioremediation application in the environment. Biodiversitas, 2016, 16, .	0.6	18
147	Comparative Carbon Dioxide Capture from Air between Chlorella vulgaris and Chlorella sorokiniana. Indian Journal of Science and Technology, 2016, 9, .	0.5	1
148	Effect of Initial Concentrations on Biosorption of Manganese by Locally Isolated Bacillus Cereus. Jurnal Kejuruteraan, 2016, 28, 73-78.	0.4	2
149	Characterization of Trihalomethanes (THMs) Levels in Surface Water, Domestic and Industrial Wastewater. Journal of Environmental Science and Technology, 2016, 9, 268-276.	0.3	5
150	Preliminary Test of Mining Wastewater Containing Iron (III) and Aluminium (III) on <i>Scirpus grossus</i> in Phytoremediation Process. Applied Mechanics and Materials, 2015, 773-774, 1111-1115.	0.4	5
151	Removal of Chemical Oxygen Demand (COD) from Domestic Wastewater Using Hybrid Reed Bed System. Applied Mechanics and Materials, 2015, 773-774, 1226-1230.	0.4	5
152	Phytoremediation of contaminated ground water using Typha angustifolia. Water Practice and Technology, 2015, 10, 616-624.	2.0	12
153	Effective curves of completing simultaneous ammonium and manganese removal in polluted water using a biological aerated filter. Journal of Industrial and Engineering Chemistry, 2015, 30, 153-159.	5.9	19
154	Potential application of a biosurfactant in phytoremediation technology for treatment of gasoline-contaminated soil. Ecological Engineering, 2015, 84, 113-120.	4.1	67
155	Comparison of the efficiencies of attached- versus suspended-growth SBR systems in the treatment of recycled paper mill wastewater. Journal of Environmental Management, 2015, 163, 115-124.	8.4	25
156	Phytodegradation of total petroleum hydrocarbon (TPH) in diesel-contaminated water using Scirpus grossus. Ecological Engineering, 2015, 74, 463-473.	4.1	126
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