

Nur Syamimi Zaidi

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

489
citations

840776

11
h-index

752698

20
g-index

27
all docs

27
docs citations

27
times ranked

409
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Field Application and its Potential in Water and Wastewater Treatment Systems. Separation and Purification Reviews, 2014, 43, 206-240.	5.5	185
2	Recent Advances on Coagulation-Based Treatment of Wastewater: Transition from Chemical to Natural Coagulant. Current Pollution Reports, 2021, 7, 379-391.	6.6	52
3	Effectiveness of Natural Coagulant in Coagulation Process: A Review. International Journal of Engineering and Technology(UAE), 2018, 7, 34.	0.3	49
4	Bioremediation of micropollutants using living and non-living algae - Current perspectives and challenges. Environmental Pollution, 2022, 292, 118474.	7.5	30
5	Shifting from Conventional to Organic Filter Media in Wastewater Biofiltration Treatment: A Review. Applied Sciences (Switzerland), 2021, 11, 8650.	2.5	22
6	Advances in pretreatment technology for handling the palm oil mill effluent: Challenges and prospects. Bioresource Technology, 2022, 344, 126239.	9.6	20
7	Superior removal of humic acid from aqueous stream using novel calf bones charcoal nanoadsorbent in a reversible process. Chemosphere, 2022, 301, 134673.	8.2	15
8	Potential of Carica papaya Seed-Derived Bio-Coagulant to Remove Turbidity from Polluted Water Assessed through Experimental and Modeling-Based Study. Applied Sciences (Switzerland), 2021, 11, 5715.	2.5	14
9	Prospective biodegradation of organic and nitrogenous pollutants from palm oil mill effluent by acidophilic bacteria and archaea. Bioresource Technology Reports, 2021, 15, 100809.	2.7	14
10	Potential of Fruit Peels in Becoming Natural Coagulant for Water Treatment. International Journal of Integrated Engineering, 2019, 11, .	0.4	14
11	Effectiveness of Local Waste Materials as Organic-Based Coagulant in Treating Water. IOP Conference Series: Materials Science and Engineering, 2019, 636, 012007.	0.6	13
12	Effects of extra-cellular polymeric substances towards physical properties of biomass under magnetic field exposure. International Journal of Environmental Science and Technology, 2019, 16, 3801-3808.	3.5	10
13	Insights into the potential application of magnetic field in controlling sludge bulking and foaming: A review. Bioresource Technology, 2022, 358, 127416.	9.6	9
14	Effect of magnetic field on biomass properties and their role in biodegradation under condition of low dissolved oxygen. Applied Water Science, 2021, 11, 1.	5.6	8
15	Current Status and Future Research Trends of Biofiltration in Wastewater Treatment: a Bibliometric Review. Current Pollution Reports, 2022, 8, 234-248.	6.6	8
16	Effects of wastewater type on stability and operating conditions control strategy in relation to the formation of aerobic granular sludge – a review. Water Science and Technology, 2021, 84, 2113-2130.	2.5	7
17	Potential of a Static Magnetic Field to Inhibit Filamentous Sludge Bulking in Activated Sludge Process. Journal of Environmental Engineering, ASCE, 2019, 145, .	1.4	5
18	Enhancement of nitrification efficiency during sludge bulking by magnetic field under long sludge retention time. 3 Biotech, 2020, 10, 408.	2.2	4

#	ARTICLE	IF	CITATIONS
19	Deshelled Carica papaya Seeds as Natural Coagulant for Improvement Quality of River Water. Sains Malaysiana, 2021, 50, 1521-1529.	0.5	4
20	Study on the effect of a static magnetic field in enhancing initial state of biogranulation. Journal of Water Supply: Research and Technology - AQUA, 0, , jws2018128.	1.4	2
21	Potential Inhibition of Filamentous Microorganisms in Sludge Bulking by Static Magnetic Field. International Journal of Engineering and Technology(UAE), 2018, 7, 15.	0.3	2
22	Removal of phosphorus from aqueous solution using multi-wall carbon nanotube (MWCNT) as adsorbent: Kinetics and isotherms. Fullerenes Nanotubes and Carbon Nanostructures, 0, , 1-7.	2.1	1
23	Improvement of biomass aggregation in sludge bulking by magnetic field application. Environmental Quality Management, 0, , .	1.9	1
24	Optimisation of static magnetic field (SMF) on physical properties of biomass using central composite design experiment. Journal of Physics: Conference Series, 2020, 1529, 042094.	0.4	0
25	Enhanced Biomass Properties In Sludge Bulking: Impact of Static Magnetic Field. IOP Conference Series: Materials Science and Engineering, 2020, 917, 012009.	0.6	0
26	Performance of MR-Dea™Duster in Capturing Low Density Particulate. IOP Conference Series: Materials Science and Engineering, 2020, 884, 012045.	0.6	0
27	Potential of oil palm trunk starch as flocculant for contaminant of emerging compound removal. IOP Conference Series: Earth and Environmental Science, 2021, 842, 012013.	0.3	0