Khalida Muda

List of Publications by Year
in descending order

37 papers	801 citations	759233 12 h-index	501196 28 g-index
37 all docs	37 docs citations	37 times ranked	989 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	Conventional methods and emerging wastewater polishing technologies for palm oil mill effluent treatment: A review. Journal of Environmental Management, 2015, 149, 222-235.	7.8	137
3	Development of granular sludge for textile wastewater treatment. Water Research, 2010, 44, 4341-4350.	11.3	120
4	The effect of hydraulic retention time on granular sludge biomass in treating textile wastewater. Water Research, 2011, 45, 4711-4721.	11.3	85
5	Characteristics of developed granules containing selected decolourising bacteria for the degradation of textile wastewater. Water Science and Technology, 2010, 61, 1279-1288.	2.5	29
6	Kinetics and mass transfer studies on the biosorption of organic matter from palm oil mill effluent by aerobic granules before and after the addition of Serratia marcescens SA30 in a sequencing batch reactor. Chemical Engineering Research and Design, 2017, 107, 259-268.	5.6	25
7	Influence of Meteorological Variables on Suburban Atmospheric PM2.5 in the Southern Region of Peninsular Malaysia. Aerosol and Air Quality Research, 2020, 20, 14-25.	2.1	24
8	Initialization, enhancement and mechanisms of aerobic granulation in wastewater treatment. Separation and Purification Technology, 2021, 260, 118220.	7.9	22
9	Studies of Atmospheric PM2.5 and its Inorganic Water Soluble Ions and Trace Elements around Southeast Asia: a Review. Asia-Pacific Journal of Atmospheric Sciences, 2021, 57, 361-385.	2.3	19
10	Characterisation of microbial flocs formed from raw textile wastewater in aerobic biofilm reactor (ABR). Water Science and Technology, 2009, 60, 683-688.	2.5	18
11	Development of bio-granules using selected mixed culture of decolorizing bacteria for the treatment of textile wastewater. Desalination and Water Treatment, 2015, 54, 132-139.	1.0	18
12	Degradation of chlorpyrifos, cypermethrin and chlorothalonil pesticides in aqueous solution by FeGAC/H₂O₂process. Desalination and Water Treatment, 2016, 57, 5146-5154.	1.0	14
13	Mass transfer kinetics of biosorption of nitrogenous matter from palm oil mill effluent by aerobic granules in sequencing batch reactor. Environmental Technology (United Kingdom), 2018, 39, 2151-2161.	2.2	12
14	Aggregation and surface hydrophobicity of selected microorganism due to the effect of substrate, pH and temperature. International Biodeterioration and Biodegradation, 2014, 93, 202-209.	3.9	10
15	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
16	Influence of static mixer on the development of aerobic granules for the treatment of low-medium strength domestic wastewater. Chemosphere, 2021, 263, 128209.	8.2	10
17	The effect of divalent and trivalent cations on aggregation and surface hydrophobicity of selected microorganism. Environmental Engineering Research, 2017, 22, 61-74.	2.5	9
18	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

#	ARTICLE	IF	CITATIONS
19	Optimization of Activated Sludge Physical Properties by Magnetic Field via Response Surface Modeling. Applied Mechanics and Materials, 0, 567, 98-103.	0.2	7
20	Textile Wastewater Treatment Using Biogranules Under Intermittent Anaerobic/Aerobic Reaction Phase. Journal of Water and Environment Technology, 2012, 10, 303-315.	0.7	6
21	Dairy manure pellets and palm oil mill effluent as alternative nutrient sources in cultivating Sporosarcina pasteurii for calcium carbonate bioprecipitation. Letters in Applied Microbiology, 2022, 74, 671-683.	2.2	5
22	Effect of magnetic activated carbon on the surface hydrophobicity for initial biogranulation via response surface methodology. Water Environment Research, 2020, 92, 73-83.	2.7	4
23	Enhancement of nitrification efficiency during sludge bulking by magnetic field under long sludge retention time. 3 Biotech, 2020, 10, 408.	2.2	4
24	Iodine content in urine samples among Malays and aborigines. Acta Medica Okayama, 1994, 48, 289-92.	0.2	4
25	Chemical Characterization and Source Apportionment of PM2.5 near Semi-Urban Residential-Industrial Areas. Exposure and Health, 2022, 14, 149-170.	4.9	3
26	Seasonal variations of particle number concentration and its relationship with PM2.5 mass concentration in industrial-residential airshed. Environmental Geochemistry and Health, 2022, 44, 3377-3393.	3.4	3
27	DEVELOPMENT OF BIOGRANULES IN A PILOT-SCALE SEQUENTIAL BATCH REACTOR TREATING ACTUAL TEXTILE WASTEWATER. Jurnal Teknologi (Sciences and Engineering), 2017, 79, .	0.4	2
28	INFLUENCE OF STATIC MIXER ON THE FORMATION OF BIOGRANULES. Jurnal Teknologi (Sciences and) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.4	2
29	Biosorption Processof Synthetic Textile Waste-water using Bjerkandera Agustavia Response Surface Methodology (RSM). E3S Web of Conferences, 2018, 68, 04020.	0.5	2
30	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
31	Long-Range Transport and Local Emission of Atmospheric PM2.5 in Southern Region of Peninsular Malaysia. IOP Conference Series: Materials Science and Engineering, 2019, 636, 012005.	0.6	1
32	Effectiveness of Ru/Mg/Ce Supported on Alumina Catalyst for Direct Conversion of Syngas to Methane: Tailoring Activity and Physicochemical Studies. Arabian Journal for Science and Engineering, 0, , 1.	3.0	1
33	COD and color removal from textile effluent using granular sludge biomass: effect of substrate and riboflavin. Desalination and Water Treatment, 2014, 52, 7366-7376.	1.0	0
34	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
35	Acetogenic Removal Efficiency of POME Under the Influence of Electromagnetic Field. IOP Conference Series: Earth and Environmental Science, 2021, 765, 012017.	0.3	0
36	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

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37	Natural-based polymers for wastewater treatment. AIP Conference Proceedings, 2022, , .	0.4	0