

# Khalida Muda

## List of Publications by Year in descending order

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times ranked

989  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical Characterization and Source Apportionment of PM2.5 near Semi-Urban Residential-Industrial Areas. <i>Exposure and Health</i> , 2022, 14, 149-170.	4.9	3
2	Seasonal variations of particle number concentration and its relationship with PM2.5 mass concentration in industrial-residential airshed. <i>Environmental Geochemistry and Health</i> , 2022, 44, 3377-3393.	3.4	3
3	Dairy manure pellets and palm oil mill effluent as alternative nutrient sources in cultivating <i>Sporosarcina pasteurii</i> for calcium carbonate bioprecipitation. <i>Letters in Applied Microbiology</i> , 2022, 74, 671-683.	2.2	5
4	Natural-based polymers for wastewater treatment. <i>AIP Conference Proceedings</i> , 2022, , .	0.4	0
5	Influence of static mixer on the development of aerobic granules for the treatment of low-medium strength domestic wastewater. <i>Chemosphere</i> , 2021, 263, 128209.	8.2	10
6	Initialization, enhancement and mechanisms of aerobic granulation in wastewater treatment. <i>Separation and Purification Technology</i> , 2021, 260, 118220.	7.9	22
7	Studies of Atmospheric PM2.5 and its Inorganic Water Soluble Ions and Trace Elements around Southeast Asia: a Review. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2021, 57, 361-385.	2.3	19
8	Acetogenic Removal Efficiency of POME Under the Influence of Electromagnetic Field. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 765, 012017.	0.3	0
9	Effect of magnetic field on biomass properties and their role in biodegradation under condition of low dissolved oxygen. <i>Applied Water Science</i> , 2021, 11, 1.	5.6	8
10	Potential of oil palm trunk starch as flocculant for contaminant of emerging compound removal. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 842, 012013.	0.3	0
11	Effect of magnetic activated carbon on the surface hydrophobicity for initial biogranulation via response surface methodology. <i>Water Environment Research</i> , 2020, 92, 73-83.	2.7	4
12	Optimisation of static magnetic field (SMF) on physical properties of biomass using central composite design experiment. <i>Journal of Physics: Conference Series</i> , 2020, 1529, 042094.	0.4	0
13	Enhancement of nitrification efficiency during sludge bulking by magnetic field under long sludge retention time. <i>3 Biotech</i> , 2020, 10, 408.	2.2	4
14	Influence of Meteorological Variables on Suburban Atmospheric PM2.5 in the Southern Region of Peninsular Malaysia. <i>Aerosol and Air Quality Research</i> , 2020, 20, 14-25.	2.1	24
15	Effects of extra-cellular polymeric substances towards physical properties of biomass under magnetic field exposure. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 3801-3808.	3.5	10
16	Long-Range Transport and Local Emission of Atmospheric PM2.5 in Southern Region of Peninsular Malaysia. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 636, 012005.	0.6	1
17	Mass transfer kinetics of biosorption of nitrogenous matter from palm oil mill effluent by aerobic granules in sequencing batch reactor. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 2151-2161.	2.2	12
18	INFLUENCE OF STATIC MIXER ON THE FORMATION OF BIOGRANULES. <i>Jurnal Teknologi (Sciences and)</i> Tj ETQq0 0 0 rgBT /Overlock 10 T	0.4	2

#	ARTICLE	IF	CITATIONS
19	Biosorption Process of Synthetic Textile Waste-water using Bjerkandera Agustavia Response Surface Methodology (RSM). E3S Web of Conferences, 2018, 68, 04020.	0.5	2
20	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
21	DEVELOPMENT OF BIOGRANULES IN A PILOT-SCALE SEQUENTIAL BATCH REACTOR TREATING ACTUAL TEXTILE WASTEWATER. Jurnal Teknologi (Sciences and Engineering), 2017, 79, .	0.4	2
22	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
23	Degradation of chlorpyrifos, cypermethrin and chlorothalonil pesticides in aqueous solution by FeGAC/H <sub>2</sub> O <sub>2</sub> process. Desalination and Water Treatment, 2016, 57, 5146-5154.	1.0	14
24	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
25	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
26	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
27	Magnetic Field Application and its Potential in Water and Wastewater Treatment Systems. Separation and Purification Reviews, 2014, 43, 206-240.	5.5	185
28	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
29	Textile Wastewater Treatment Using Biogranules Under Intermittent Anaerobic/Aerobic Reaction Phase. Journal of Water and Environment Technology, 2012, 10, 303-315.	0.7	6
30	The effect of hydraulic retention time on granular sludge biomass in treating textile wastewater. Water Research, 2011, 45, 4711-4721.	11.3	85
31	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
32	Development of granular sludge for textile wastewater treatment. Water Research, 2010, 44, 4341-4350.	11.3	120
33	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
34	Iodine content in urine samples among Malays and aborigines. Acta Medica Okayama, 1994, 48, 289-92.	0.2	4
35	Optimization of Activated Sludge Physical Properties by Magnetic Field via Response Surface Modeling. Applied Mechanics and Materials, 0, 567, 98-103.	0.2	7
36	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

#	ARTICLE	IF	CITATIONS
37	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