

Mohd Faiz Muaz Ahmad Zamri

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

738
citations

933264

10
h-index

552653

26
g-index

33
all docs

33
docs citations

33
times ranked

830
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive review on anaerobic digestion of organic fraction of municipal solid waste. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 137, 110637.	8.2	217
2	Optimization of preparation conditions for activated carbon from banana pseudo-stem using response surface methodology on removal of color and COD from landfill leachate. <i>Waste Management</i> , 2017, 62, 177-187.	3.7	160
3	Floc behavior and removal mechanisms of cross-linked Durio zibethinus seed starch as a natural flocculant for landfill leachate coagulation-flocculation treatment. <i>Waste Management</i> , 2018, 74, 362-372.	3.7	53
4	Semi-aerobic stabilized landfill leachate treatment by ion exchange resin: isotherm and kinetic study. <i>Applied Water Science</i> , 2017, 7, 581-590.	2.8	51
5	A review of thermal interface material fabrication method toward enhancing heat dissipation. <i>International Journal of Energy Research</i> , 2021, 45, 3548-3568.	2.2	45
6	Waste to health: A review of waste derived materials for tissue engineering. <i>Journal of Cleaner Production</i> , 2021, 290, 125792.	4.6	38
7	Treatment strategies for enhancing the removal of endocrine-disrupting chemicals in water and wastewater systems. <i>Journal of Water Process Engineering</i> , 2021, 41, 102017.	2.6	36
8	Tribological study on the biodiesel produced from waste cooking oil, waste cooking oil blend with Calophyllum inophyllum and its diesel blends on lubricant oil. <i>Energy Reports</i> , 2022, 8, 1578-1590.	2.5	20
9	State-of-the-Art of Strategies to Reduce Exhaust Emissions from Diesel Engine Vehicles. <i>Energies</i> , 2021, 14, 1766.	1.6	17
10	An overview of palm oil biomass for power generation sector decarbonization in Malaysia: Progress, challenges, and prospects. <i>Wiley Interdisciplinary Reviews: Energy and Environment</i> , 2022, 11, .	1.9	12
11	Anaerobic digestion industries progress throughout the world. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 476, 012074.	0.2	11
12	Microwave-assisted in situ transesterification of wet microalgae for the production of biodiesel: progress review. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 476, 012078.	0.2	11
13	Modelling and prediction approach for engine performance and exhaust emission based on artificial intelligence of sterculia foetida biodiesel. <i>Energy Reports</i> , 2022, 8, 8333-8345.	2.5	10
14	Structural analyses of polyanilineâ€“titanium oxide composite for acetone detection. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 1574-1584.	1.1	7
15	Optimization of rice husk hydrochar via microwave-assisted hydrothermal carbonization: Fuel properties and combustion kinetics. <i>Bioresource Technology Reports</i> , 2022, 17, 100888.	1.5	7
16	Removal of colour, turbidity, oil and grease for slaughterhouse wastewater using electrocoagulation method. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	6
17	Economic feasibility of smart city power generation from biogas produced by food waste in Malaysia via techno-economic analysis. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 476, 012076.	0.2	6
18	The Optimization of Electrical Conductivity Using Central Composite Design for Polyvinyl Alcohol/Multiwalled Carbon Nanotube-Manganese Dioxide Nanofiber Composites Synthesised by Electrospinning. <i>Journal of Applied Sciences</i> , 2012, 12, 345-353.	0.1	6

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19	Effect of different suspension concentrations of carbon nanotubes in dimethylformamide for electrophoretic deposition. <i>Materials Research Express</i> , 2018, 5, 086407.	0.8	5
20	Valorisation of organic fraction municipal solid waste via anaerobic co-digestion of Malaysia tropical fruit for biogas production. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 476, 012077.	0.2	5
21	The effectiveness of oil palm trunk waste derived coagulant for landfill leachate treatment. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	4
22	The comparison of <i>Durio Zibethinus</i> seed starch extraction for landfill leachate treatment. <i>Materials Research Express</i> , 2018, 5, 075507.	0.8	4
23	Simulation design for thermal model from various materials in electronic devices: A review. <i>Numerical Heat Transfer; Part A: Applications</i> , 2022, 82, 640-665.	1.2	3
24	Optimization of COD and Color Removal for Matang's Landfill Leachate Treatment by Using Polyaluminum Chloride. <i>Applied Mechanics and Materials</i> , 2015, 802, 478-483.	0.2	1
25	Pyrolysis kinetic study of homogenized waste plastic and date blend. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 476, 012135.	0.2	1
26	EFFECTIVENESS OF JACKFRUIT SEED STARCH AS COAGULANT AID IN LANDFILL LEACHATE TREATMENT PROCESS. <i>International Journal of GEOMATE</i> , 2016, , .	0.1	1
27	Design and Operation of Semi-Aerobic Landfill. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 0, , 102-114.	0.3	1
28	The application of crosslinking oil palm trunk starch coagulants for landfill leachate treatment. <i>International Journal of Environmental Engineering</i> , 2018, 9, 130.	0.1	0
29	Study on benefit of guide vane for vertical axis wind. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 476, 012081.	0.2	0
30	The application of crosslinking oil palm trunk starch coagulants for landfill leachate treatment. <i>International Journal of Environmental Engineering</i> , 2018, 9, 130.	0.1	0
31	Design and Operation of Semi-Aerobic Landfill. , 2020, , 751-763.		0
32	Design and Operation of Semi-Aerobic Landfill. , 2020, , 246-258.		0