

Chandra Wahyu Purnomo

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

859
citations

840119

11
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552369

26
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all docs

37
docs citations

37
times ranked

905
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid hydrogen, methylcyclohexane, and ammonia as potential hydrogen storage: Comparison review. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 15026-15044.	3.8	301
2	Synthesis of pure Na ⁺ X and Na ⁺ A zeolite from bagasse fly ash. <i>Microporous and Mesoporous Materials</i> , 2012, 162, 6-13.	2.2	138
3	Technological review on thermochemical conversion of COVID-19-related medical wastes. <i>Resources, Conservation and Recycling</i> , 2021, 167, 105429.	5.3	91
4	Lithium recovery from spent Li-ion batteries using coconut shell activated carbon. <i>Waste Management</i> , 2018, 79, 454-461.	3.7	46
5	Granular Activated Carbon from Grape Seeds Hydrothermal Char. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 331.	1.3	41
6	Effect of the activation method on the properties and adsorption behavior of bagasse fly ash-based activated carbon. <i>Fuel Processing Technology</i> , 2012, 102, 132-139.	3.7	39
7	Preparation and characterization of activated carbon from bagasse fly ash. <i>Journal of Analytical and Applied Pyrolysis</i> , 2011, 91, 257-262.	2.6	38
8	Chitosan-Based Polyion Multilayer Coating on NPK Fertilizer as Controlled Released Fertilizer. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-8.	1.0	35
9	Simulation and Experimental Study on Iron Impregnated Microbial Immobilization in Zeolite for Production of Biogas. <i>Waste and Biomass Valorization</i> , 2017, 8, 2413-2421.	1.8	22
10	Slow release fertilizer preparation from sugar cane industrial waste. <i>Environmental Technology and Innovation</i> , 2018, 10, 275-280.	3.0	19
11	Utilization of bagasse fly ash for carbon ⁺ zeolite composite preparation. <i>Journal of Porous Materials</i> , 2013, 20, 1305-1313.	1.3	15
12	Catalytic Pyrolysis of Waste Plastic Mixture. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 316, 012020.	0.3	10
13	ANAEROBIC DIGESTION OF LANDFILL LEACHATE WITH NATURAL ZEOLITE AND SUGARCANE BAGASSE FLY ASH AS THE MICROBIAL IMMOBILIZATION MEDIA IN PACKED BED REACTOR. <i>Acta Polytechnica</i> , 2018, 58, 57.	0.3	7
14	Microbial diversity of marine shrimp pond sediment and its variability due to the effect of immobilized media in biohydrogen and biohythane production. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106166.	3.3	7
15	A Techno-Economic Evaluation of Municipal Solid Waste (MSW) Conversion to Energy in Indonesia. <i>Sustainability</i> , 2021, 13, 7232.	1.6	6
16	Simplified Mathematical Model for Quantitative Analysis of Biogas Production Rate in a Continuous Digester. <i>Engineering Journal</i> , 2012, 16, 167-176.	0.5	6
17	Slow Release NPK Fertilizer Preparation from Natural Resources. <i>Materials Science Forum</i> , 2019, 948, 43-48.	0.3	5
18	Improvement of cement plant dust emission by bag filter system. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 316, 012031.	0.3	4

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19	The Effects of Binder on the Release of Nutrient from Matrix-Based Slow Release Fertilizer. Materials Science Forum, 0, 886, 138-144.	0.3	3
20	Natural Zeolite Effect on Liquid Product Characteristics of Hydrothermal Treatment. Key Engineering Materials, 0, 789, 98-103.	0.4	3
21	Manufacturing of slow and controlled release fertilizer. , 2021, , 95-110.		3
22	The Study of Immobilized Media and Ni Ion Addition Effects on COD Removal of POME Using Anaerobic Filter Reactor. Waste and Biomass Valorization, 2020, 11, 7045-7051.	1.8	3
23	Hydro-char production from press-mud wastes of the sugarcane industry by hydrothermal treatment with natural zeolite addition. AIP Conference Proceedings, 2018, , .	0.3	2
24	The Efficiency of Phosphorus Removal of Synthetic Wastewater through Struvite Crystallization in an Aerated Fluidized Bed Reactor. Key Engineering Materials, 0, 789, 59-63.	0.4	2
25	Performance of anaerobic reactor with media support and Ni addition for palm oil mill effluent treatment. AIP Conference Proceedings, 2019, , .	0.3	2
26	High Grade Liquid Fuel from Plastic Waste Pyrolysis Oil by Column Distillation. , 2019, , .		2
27	Styrene Recovery from the Pyrolysis of Polystyrene Waste Using Bentonite and Natural Zeolite Catalyst. Key Engineering Materials, 0, 849, 84-89.	0.4	2
28	Potassium recovery from banana peels by hydrothermal treatment. AIP Conference Proceedings, 2018, , .	0.3	1
29	The effect of packing media addition on biogas production from rubber industrial wastewater. AIP Conference Proceedings, 2019, , .	0.3	1
30	Struvite precipitation using continuous flow reactor. AIP Conference Proceedings, 2019, , .	0.3	1
31	In campus municipal solid waste generation and characterization, case study: Universitas Gadjah Mada, Indonesia. AIP Conference Proceedings, 2019, , .	0.3	1
32	Lithium purification from spent li-ion batteries leachate using ion exchange resin. AIP Conference Proceedings, 2021, , .	0.3	1
33	The Development of Lithium Ion Recovery Method by Activated Carbon and Natural Zeolite-based Adsorbent. ASEAN Journal of Chemical Engineering, 2017, 17, 91.	0.5	1
34	Nanosilica from geothermal sludge using sol-gel method with addition of CTAB surfactants. AIP Conference Proceedings, 2022, , .	0.3	1
35	The Effect of Botanical Pesticide Extract Addition on the Nutrient Release of Fertilizer from Poultry Manure. Key Engineering Materials, 0, 789, 82-86.	0.4	0
36	Phosphate recovery from dairy urine by struvite crystallization. AIP Conference Proceedings, 2018, , .	0.3	0

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37	Enhancement of Biogas Production in Anaerobic Digestion from Sludge of Dairy Waste with Fixed Bed Reactor by Using Natural Zeolite. Key Engineering Materials, 0, 849, 27-33.	0.4	0