

Chandra Wahyu Purnomo

List of Publications by Year
in descending order

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37
papers

859
citations

840776
11
h-index

552781
26
g-index

37
all docs

37
docs citations

37
times ranked

905
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanosilica from geothermal sludge using sol-gel method with addition of CTAB surfactants. AIP Conference Proceedings, 2022, , .	0.4	1
2	Manufacturing of slow and controlled release fertilizer. , 2021, , 95-110.		3
3	Lithium purification from spent li-ion batteries leachate using ion exchange resin. AIP Conference Proceedings, 2021, , .	0.4	1
4	Technological review on thermochemical conversion of COVID-19-related medical wastes. Resources, Conservation and Recycling, 2021, 167, 105429.	10.8	91
5	A Techno-Economic Evaluation of Municipal Solid Waste (MSW) Conversion to Energy in Indonesia. Sustainability, 2021, 13, 7232.	3.2	6
6	Microbial diversity of marine shrimp pond sediment and its variability due to the effect of immobilized media in biohydrogen and biohythane production. Journal of Environmental Chemical Engineering, 2021, 9, 106166.	6.7	7
7	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.	3.4	3
8	Chitosan-Based Polyion Multilayer Coating on NPK Fertilizer as Controlled Released Fertilizer. Advances in Materials Science and Engineering, 2019, 2019, 1-8.	1.8	35
9	The effect of packing media addition on biogas production from rubber industrial wastewater. AIP Conference Proceedings, 2019, , .	0.4	1
10	Performance of anaerobic reactor with media support and Ni addition for palm oil mill effluent treatment. AIP Conference Proceedings, 2019, , .	0.4	2
11	Slow Release NPK Fertilizer Preparation from Natural Resources. Materials Science Forum, 2019, 948, 43-48.	0.3	5
12	Struvite precipitation using continuous flow reactor. AIP Conference Proceedings, 2019, , .	0.4	1
13	Liquid hydrogen, methylcyclohexane, and ammonia as potential hydrogen storage: Comparison review. International Journal of Hydrogen Energy, 2019, 44, 15026-15044.	7.1	301
14	In campus municipal solid waste generation and characterization, case study: Universitas Gadjah Mada, Indonesia. AIP Conference Proceedings, 2019, , .	0.4	1
15	High Grade Liquid Fuel from Plastic Waste Pyrolysis Oil by Column Distillation. , 2019, , .		2
16	Slow release fertilizer preparation from sugar cane industrial waste. Environmental Technology and Innovation, 2018, 10, 275-280.	6.1	19
17	Hydro-char production from press-mud wastes of the sugarcane industry by hydrothermal treatment with natural zeolite addition. AIP Conference Proceedings, 2018, , .	0.4	2
18	Phosphate recovery from dairy urine by struvite crystallization. AIP Conference Proceedings, 2018, , .	0.4	0

#	ARTICLE	IF	CITATIONS
19	Potassium recovery from banana peels by hydrothermal treatment. AIP Conference Proceedings, 2018, , .	0.4	1
20	ANAEROBIC DIGESTION OF LANDFILL LEACHATE WITH NATURAL ZEOLITE AND SUGARCANE BAGASSE FLY ASH AS THE MICROBIAL IMMOBILIZATION MEDIA IN PACKED BED REACTOR. Acta Polytechnica, 2018, 58, 57.	0.6	7
21	Improvement of cement plant dust emission by bag filter system. IOP Conference Series: Materials Science and Engineering, 2018, 316, 012031.	0.6	4
22	Granular Activated Carbon from Grape Seeds Hydrothermal Char. Applied Sciences (Switzerland), 2018, 8, 331.	2.5	41
23	Catalytic Pyrolysis of Waste Plastic Mixture. IOP Conference Series: Materials Science and Engineering, 2018, 316, 012020.	0.6	10
24	Lithium recovery from spent Li-ion batteries using coconut shell activated carbon. Waste Management, 2018, 79, 454-461.	7.4	46
25	Simulation and Experimental Study on Iron Impregnated Microbial Immobilization in Zeolite for Production of Biogas. Waste and Biomass Valorization, 2017, 8, 2413-2421.	3.4	22
26	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
27	Utilization of bagasse fly ash for carbonâ€“zeolite composite preparation. Journal of Porous Materials, 2013, 20, 1305-1313.	2.6	15
28	Synthesis of pure Naâ€“X and Naâ€“A zeolite from bagasse fly ash. Microporous and Mesoporous Materials, 2012, 162, 6-13.	4.4	138
29	Effect of the activation method on the properties and adsorption behavior of bagasse fly ash-based activated carbon. Fuel Processing Technology, 2012, 102, 132-139.	7.2	39
30	Simplified Mathematical Model for Quantitative Analysis of Biogas Production Rate in a Continuous Digester. Engineering Journal, 2012, 16, 167-176.	1.0	6
31	Preparation and characterization of activated carbon from bagasse fly ash. Journal of Analytical and Applied Pyrolysis, 2011, 91, 257-262.	5.5	38
32	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
33	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
34	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
35	Natural Zeolite Effect on Liquid Product Characteristics of Hydrothermal Treatment. Key Engineering Materials, 0, 789, 98-103.	0.4	3
36	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

#	ARTICLE	IF	CITATIONS
37	Styrene Recovery from the Pyrolysis of Polystyrene Waste Using Bentonite and Natural Zeolite Catalyst. Key Engineering Materials, 0, 849, 84-89.	0.4	2