

Muhammad Adlim

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

425
citations

1163117

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752698

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times ranked

550
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellulosic fiber nanocomposite application review with zinc oxide antimicrobial agent nanoparticle: an opt for COVID-19 purpose. <i>Environmental Science and Pollution Research</i> , 2023, 30, 16779-16796.	5.3	7
2	Green synthesis of chitosan-stabilized silver-colloidal nanoparticles immobilized on white-silica-gel beads and the antibacterial activities in a simulated-air-filter. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103596.	4.9	24
3	Highly reusable chitosan-stabilized Fe-ZnO immobilized onto fiberglass cloth and the photocatalytic degradation properties in batch and loop reactors. <i>Journal of Saudi Chemical Society</i> , 2022, 26, 101452.	5.2	5
4	Indonesian adolescentsâ€™ perspectives on smoking habits: a qualitative study. <i>BMC Public Health</i> , 2021, 21, 82.	2.9	12
5	Preparation of Chitosan-Silver Nanoparticles Immobilized onto Pumice for Antibacterial Testing Against <i>Escherichia coli</i> . <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 63-71.	0.4	2
6	Scale-up preparation and testing of activated-carbon-cloth as carbon-filter prototypes for ammonia-vapor adsorption. <i>Journal of Physics: Conference Series</i> , 2021, 1882, 012108.	0.4	0
7	Synthesis of iron-doped zinc oxide (Fe-ZnO) nanoparticles by using several stabilizers. <i>Journal of Physics: Conference Series</i> , 2021, 1882, 012109.	0.4	6
8	Simple Preparations and Characterizations of Activated-Carbon- Clothes from Palm-Kernel-Shell for Ammonia Vapor Adsorption and Skim-Latex-Odor Removal. <i>Indonesian Journal of Chemistry</i> , 2021, 21, 920.	0.8	2
9	STEM learning of value-added on banana chips to enhance students' motivation and entrepreneurship attitude in a rural school. <i>Journal of Physics: Conference Series</i> , 2021, 1882, 012163.	0.4	1
10	Progress of 3d metal-doped zinc oxide nanoparticles and the photocatalytic properties. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103175.	4.9	33
11	Carbon Dot/Polymer Composites with Various Precursors and Their Sensing Applications: A Review. <i>Coatings</i> , 2021, 11, 1100.	2.6	22
12	Project-based learning on water filtration experiment in high school chemistry subject. <i>Journal of Physics: Conference Series</i> , 2020, 1460, 012082.	0.4	1
13	Properties of slow release magnesium and calcium nitrate tablets composed of rice-husk-ash with chitosan coating, within water and in several types of soil. <i>Journal of Physics: Conference Series</i> , 2020, 1529, 032085.	0.4	1
14	Technological pedagogical and content knowledge (TPACK) of science teachers in a suburban area. <i>Journal of Physics: Conference Series</i> , 2020, 1460, 012135.	0.4	0
15	A RANDOMIZED CONTROLLED TRIAL ON THE ISLAMIC-BASED PROGRAM USING FAMILY APPROACHES IN PREVENTING ADOLESCENTS' SMOKING BEHAVIOR IN INDONESIA: A STUDY PROTOCOL. <i>Belitung Nursing Journal</i> , 2020, 6, 136-140.	1.0	1
16	Nutrient release properties of a urea-magnesium natural rubber composite coated with chitosan. <i>Environmental Technology and Innovation</i> , 2019, 16, 100442.	6.1	18
17	Mercury (II) Ions Assessment as a Toxic Waste Hazard in Solution Based on Imagery Data for a Part of Environmental Disaster Management. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 273, 012052.	0.3	1
18	Determination of iron content within iron sands from Lampanah-Lengah estuary using various analytical methods. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 348, 012007.	0.3	0

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19	Stabilizing method for mercury vapor release from burning amalgam mimicking the practice of artisanal small scale gold mining. <i>Environmental Technology and Innovation</i> , 2019, 13, 74-81.	6.1	5
20	Immobilization of Sulfur from Different Precursors on Mini Rice-Husk-Ash Pellet Coated Chitosan Film and the Application for Mercury Vapor Uptake. <i>Indonesian Journal of Chemistry</i> , 2019, 19, 386.	0.8	3
21	STEM learning in regular and vocational high schools on the topic of scientific menu card fabrication. <i>Journal of Physics: Conference Series</i> , 2018, 1088, 012112.	0.4	2
22	Preparation and characterization natural rubber-urea-tablets coated by chitosan. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 380, 012010.	0.6	7
23	Chitosan-stabilized Silver Nanoparticles for Colorimetric Assay of Mercury (II) Ions in aqueous system. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 352, 012049.	0.6	4
24	Preparation and characterization compatible pellets for immobilization of colloidal sulphur nanoparticles. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 334, 012041.	0.6	2
25	Gold and silver nanoparticles and indicator dyes as active agents in colorimetric spot and strip tests for mercury(II) ions: a review. <i>Mikrochimica Acta</i> , 2017, 184, 45-58.	5.0	80
26	The properties of Pd/Au bimetallic colloidal catalysts stabilized by chitosan and prepared by simultaneous and stepwise chemical reduction of the precursor ions. <i>Kinetics and Catalysis</i> , 2013, 54, 586-596.	1.0	10
27	Synthesis of chitosan-stabilized platinum and palladium nanoparticles and their hydrogenation activity. <i>Journal of Molecular Catalysis A</i> , 2004, 212, 141-149.	4.8	172
28	Immobilization of Silver Nanoparticles on Chitosan-Coated Silica-Gel-Beads and the Antibacterial Activity. <i>Key Engineering Materials</i> , 0, 892, 36-42.	0.4	3
29	The Preparation and Characterization of Fe-ZnO Nanoparticles Immobilized onto Fiberglass Cloth. <i>Defect and Diffusion Forum</i> , 0, 402, 115-124.	0.4	1