

Yayuk Astuti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3404549/publications.pdf>

Version: 2024-02-01

30
papers

190
citations

1163117

8
h-index

1125743

13
g-index

30
all docs

30
docs citations

30
times ranked

113
citing authors

#	ARTICLE	IF	CITATIONS
1	Pervaporation membrane for desalination derived from tetraethylorthosilicate-methyltriethoxysilane. <i>Journal of Sol-Gel Science and Technology</i> , 2022, 101, 505-518.	2.4	4
2	French Fries-Like Bismuth Oxide: Physicochemical Properties, Electrical Conductivity and Photocatalytic Activity. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2022, 17, 146-156.	1.1	9
3	Modification of the glass surface with hydrophobic silica thin layers using tetraethylorthosilicate (TEOS) and trimethylchlorosilane (TMCS) precursors. <i>Surface and Interface Analysis</i> , 2021, 53, 305-313.	1.8	14
4	Fly ash from Coal-Combustion Waste as an Additive for Quality Improvement and Compressive Strength of Cement. <i>Media Komunikasi Teknik Sipil</i> , 2021, 27, 127-134.	0.1	0
5	Pembuatan Karbon Aktif Termodifikasi Surfaktan Sodium Lauryl Sulphate (SMAC-SLS) dari Tempurung Kelapa Menggunakan Aktivator ZnCl ₂ dan Gelombang Mikro Sebagai Adsorben Kation Pb(II)., 2021, 1, 1-6.		1
6	Activation of carbon from rice husk using chemical activating agents and physical treatments as sodium lauryl sulfate adsorbent. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	1
7	Photocatalytic Performance of Bismuth Oxide Prepared by Citric Acid-Fueled Solution Combustion on Decolorisation of Organic Dye Molecules. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 833, 012061.	0.6	3
8	Effect of Fuels on the Physicochemical Properties and Photocatalytic Activity of Bismuth Oxide, Synthesized using Solution Combustion Method. <i>International Journal of Technology</i> , 2020, 11, 26.	0.8	15
9	Hydrazine and Urea Fueled-Solution Combustion Method for Bi ₂ O ₃ Synthesis: Characterization of Physicochemical Properties and Photocatalytic Activity. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2020, 15, 104-111.	1.1	14
10	Bismuth Oxide Prepared by Sol-Gel Method: Variation of Physicochemical Characteristics and Photocatalytic Activity Due to Difference in Calcination Temperature. <i>Indonesian Journal of Chemistry</i> , 2020, 21, 108.	0.8	17
11	The Role of H ₂ C ₂ O ₄ and Na ₂ CO ₃ as Precipitating Agents on The Physicochemical Properties and Photocatalytic Activity of Bismuth Oxide. <i>Open Chemistry</i> , 2020, 18, 129-137.	1.9	19
12	Modification of Activated Carbon from Rice Husk using Hexadecyltrimethylammonium Bromide (HDTMA-Br) Surfactant and ZnCl ₂ activator and Microwaves for Nitrate Ion Adsorption. <i>Jurnal Kimia Sains Dan Aplikasi</i> , 2020, 23, 377-382.	0.4	0
13	Synthesis of Sodium Lauryl Sulfate (SLS) and Hexadecyltrimethylammonium Bromide (HDTMA-Br) Surfactant-Modified Activated Carbon as Adsorbent for Pb ²⁺ and NO ₃ ⁻ . <i>Jurnal Kimia Sains Dan Aplikasi</i> , 2020, 23, 396-402.	0.4	2
14	Use of Microwave Radiation for Activating Carbon from Rice Husk Using ZnCl ₂ Activator. <i>Jurnal Kimia Sains Dan Aplikasi</i> , 2019, 22, 282-291.	0.4	1
15	The Effect of Ratio LiBOB:TiO ₂ of Electrolyte Polymer Sheets as separators on the Electrochemical Performance of LTO-Based Lithium-Ion Batteries. <i>Jurnal Kimia Sains Dan Aplikasi</i> , 2019, 22, 136-142.	0.4	4
16	Use of Microwave Radiation for Activating Carbon from Rice Husk Using ZnCl ₂ Activator. <i>Jurnal Kimia Sains Dan Aplikasi</i> , 2019, 22, 283-291.	0.4	5
17	Hydrophobicity of silica thin films: The deconvolution and interpretation by Fourier-transform infrared spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 199, 12-20.	3.9	40
18	Adsorption of HDTMA-Br surfactant with concentration variation by rice husk-based activated carbon produced by variation of carbonization temperature. <i>Jurnal Kimia Sains Dan Aplikasi</i> , 2018, 21, 171-174.	0.4	3

#	ARTICLE	IF	CITATIONS
19	Utilization and Characterization of Oyster Shell as Chitosan and Nanochitosan. Jurnal Kimia Sains Dan Aplikasi, 2018, 21, 224-231.	0.4	4
20	Zeolite and Charcoal as Potential Adsorbents in Tubs of Oxydation Ditch I and Oxydation Ditch II at Water Treatment and Composting Plant (WTCP) PT. Djarum Kudus. Jurnal Kimia Sains Dan Aplikasi, 2018, 21, 75-79.	0.4	0
21	Influence of NH ₄ OH concentration in synthesis of bismuth oxide to physicochemical properties and photocatalytic activity in methyl orange degradation. AIP Conference Proceedings, 2018, , .	0.4	1
22	Synthesis of Zeolite from Bagasse and Rice Husk Ashes as Surfactant Builder on Detergency Process: Variation of NaOH Concentration for Silica Isolation. Jurnal Kimia Sains Dan Aplikasi, 2018, 21, 139-143.	0.4	1
23	Synthesis of Zeolite from Sugar Cane as Detergent Builder: Variation of Si/Al Ratio and Hydrothermal Time Synthesis of Zeolite from Sugar Cane as Detergent Builder: Variation of Si/Al Ratio and Hydrothermal Time. Jurnal Kimia Sains Dan Aplikasi, 2018, 21, 24-28.	0.4	1
24	Pengaruh CoO dan TiO ₂ terhadap Warna Glasir Porselen ZnO. Jurnal Kimia Sains Dan Aplikasi, 2017, 20, 95-98.	0.4	0
25	Pengaruh Variasi Waktu Hidrotermal terhadap Sintesis dan Karakterisasi Nanokristal Zeolit A dari Abu Sekam Padi. Jurnal Kimia Sains Dan Aplikasi, 2017, 20, 79-83.	0.4	1
26	Sintesis Zeolit dari Abu Sekam Padi menggunakan Metode Hidrotemal :Variasi Waktu dan Temperatur. Jurnal Kimia Sains Dan Aplikasi, 2017, 20, 58-61.	0.4	1
27	Nano-Zeolite Modification Using Cetylpyridinium Bromide for the Removal of Remazol Black B and Remazol Yellow G Dyes. Advanced Science Letters, 2017, 23, 6502-6505.	0.2	2
28	The Influence of Precipitating Agents on the Morphological and Photocatalytic Properties of Bismuth Oxide. Advanced Science Letters, 2017, 23, 6521-6523.	0.2	4
29	Studying Impact of Different Precipitating Agents on Crystal Structure, Morphology and Photocatalytic Activity of Bismuth Oxide. Bulletin of Chemical Reaction Engineering and Catalysis, 2017, 12, 478.	1.1	19
30	Pengaruh Konsentrasi Ca ²⁺ dan (PO ₄) ³⁻ pada Pembentukan Hidroksiapatit di dalam Matriks Selulosa Bakterial. Jurnal Kimia Sains Dan Aplikasi, 2006, 9, 60-64.	0.4	4