

Hamzah Fansuri

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

435
citations

759233

12
h-index

839539

18
g-index

43
all docs

43
docs citations

43
times ranked

455
citing authors

#	ARTICLE	IF	CITATIONS
1	Linear and nonlinear isotherm, kinetic and thermodynamic behavior of methyl orange adsorption using modulated Al ₂ O ₃ @UiO-66 via acetic acid. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106675.	6.7	54
2	The Effects of Various Concentrations of NaOH on the Inter-Particle Gelation of a Fly Ash Geopolymer Aggregate. <i>Materials</i> , 2021, 14, 1111.	2.9	31
3	Bonding Strength Characteristics of FA-Based Geopolymer Paste as a Repair Material When Applied on OPC Substrate. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3321.	2.5	29
4	The effect of sodium silicate and sodium hydroxide on the strength of aggregates made from coal fly ash using the geopolymerisation method. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2012, 7, 73-79.	1.5	28
5	The potential of <i>Reutealis trisperma</i> seed as a new non-edible source for biodiesel production. <i>Biomass Conversion and Biorefinery</i> , 2015, 5, 347-353.	4.6	26
6	P84/ZCC Hollow Fiber Mixed Matrix Membrane with PDMS Coating to Enhance Air Separation Performance. <i>Membranes</i> , 2020, 10, 267.	3.0	20
7	Proximate composition of <i>Xylocarpus moluccensis</i> seeds and their oils. <i>Industrial Crops and Products</i> , 2013, 41, 107-112.	5.2	16
8	Improved Municipal Solid Waste Gasification Efficiency Using a Modified Downdraft Gasifier with Variations of Air Input and Preheated Air Temperature. <i>Energy & Fuels</i> , 2019, 33, 11049-11056.	5.1	15
9	Combination of precipitated-calcium carbonate substitution and dilute-alkali fly ash treatment in a very high-volume fly ash cement paste. <i>Construction and Building Materials</i> , 2020, 234, 117273.	7.2	15
10	The Effect of Pb ²⁺ and Cd ²⁺ Addition to Mechanical Properties of Fly Ash Geopolymer Paste. <i>Materials Science Forum</i> , 0, 841, 178-185.	0.3	14
11	Tungsten Oxides-Containing Titanium Silicalite for Liquid Phase Epoxidation of 1-octene with Aqueous Hydrogen Peroxide. <i>Catalysis Letters</i> , 2009, 128, 177-182.	2.6	13
12	Mechanical Properties of MIRHA-Fly Ash Geopolymer Concrete. <i>Materials Science Forum</i> , 0, 803, 49-57.	0.3	13
13	Solvothermal and electrochemical synthetic method of HKUST-1 and its methane storage capacity. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 107, 012030.	0.6	13
14	CRYSTALLINE PHASE REACTIVITY IN THE SYNTHESIS OF FLY ASH-BASED GEOPOLYMER. <i>Indonesian Journal of Chemistry</i> , 2011, 11, 90-95.	0.8	13
15	ÅSynthesis Of Zeolite X-carbon From Coal Bottom Ash For Hydrogen Storage Material. <i>Advanced Materials Letters</i> , 2014, 5, 453-458.	0.6	12
16	Cd ²⁺ & Cr ³⁺ Cation Immobilization by Using Geopolymer Based on PT. IPMOMI Fly Ash. <i>Materials Science Forum</i> , 0, 841, 186-192.	0.3	11
17	Artificial Lightweight Aggregates Made from Pozzolan Material: A Review on the Method, Physical and Mechanical Properties, Thermal and Microstructure. <i>Materials</i> , 2022, 15, 3929.	2.9	11
18	The modification of M41S materials: addition of metal clusters and nanoparticles. <i>New Journal of Chemistry</i> , 2010, 34, 1286.	2.8	10

#	ARTICLE	IF	CITATIONS
19	Preparation of La _{0.7} Sr _{0.3} Co _{0.2} Fe _{0.8} O _{3-δ} (LSCF 7328) by Combination of Mechanochemical and Solid State Reaction. Key Engineering Materials, 2017, 744, 399-403.	0.4	10
20	Preparation of CaTiO ₃ ; Asymmetric Membranes Using Polyetherimide as Binder Polymer. Indonesian Journal of Chemistry, 2016, 16, 20.	0.8	10
21	Phase Transformation of Rice Husk Ash in the Synthesis of ZSM-5 without Organic Template. ITB Journal of Science, 2012, 44, 250-262.	0.1	10
22	Fabrication of hybrid membranes based on poly(ether-sulfone)/Materials Institute Lavoisier (MIL-53)(Al) and its enhanced CO ₂ gas separation performance. Chemical Papers, 2021, 75, 6519-6530.	2.2	8
23	Effect of H ₂ O/SiO ₂ Molar Ratio on Direct Synthesis of ZSM-5 from Bangka's Kaolin Without Pretreatment. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, 817-820.	0.8	8
24	Preparation Of Dense Ba _x Sr _{1-x} Co _{0.8} Fe _{0.2} O ₃ Membranes: Effect Of Ba ²⁺ Substituents And Sintering Method To The Density, Hardness And Thermal Expansion Coefficient Of The Membranes. Advanced Materials Letters, 2017, 8, 799-806.	0.6	6
25	The utilization of micro-mesoporous carbon-based filler in the P84 hollow fibre membrane for gas separation. Royal Society Open Science, 2021, 8, 201150.	2.4	5
26	Pervaporation Membranes for Seawater Desalination Based on GeO ₂ -TiO ₂ Nanocomposites. Part 1: Microstructure Properties. Membranes, 2021, 11, 966.	3.0	5
27	The Relationship Between Structural and Catalytic Activity of μ_2 and μ_3 -Bismuth-Molybdate Catalysts for Partial Oxidation of Propylene to Acrolein. Surface Review and Letters, 2003, 10, 549-553.	1.1	4
28	The study of nitroxide radical redox-couple and anatase surface interaction: a guide to choose the best sensitizer. Theoretical Chemistry Accounts, 2019, 138, 1.	1.4	4
29	Influence of TiO ₂ /TS-1 Calcination on Hydroxylation of Phenol. Journal of Mathematical and Fundamental Sciences, 2014, 46, 76-90.	0.5	4
30	Effect of Activators on Strength of Hybrid Alkaline Cement. IOP Conference Series: Materials Science and Engineering, 2017, 196, 012022.	0.6	3
31	The relationship between Vickers microhardness and compressive strength of functional surface geopolymers. AIP Conference Proceedings, 2017, , .	0.4	3
32	Photophysical properties of ammonium, pyrrolidinium, piperidinium, imidazolium, and pyridinium as a guide to prepare ionic-organic hybrid materials. Heliyon, 2022, 8, e09121.	3.2	3
33	Comprehensive Study of Morphological Modification of Dual-Layer Hollow Fiber Membrane. Arabian Journal for Science and Engineering, 2019, 44, 10041-10055.	3.0	2
34	Preparation and characterization of dual-layer hollow fibre catalyst membrane for oxygen transport. AIP Conference Proceedings, 2018, , .	0.4	1
35	Comparative Study of Municipal Solid Waste Fuel and Refuse Derived Fuel in the Gasification Process Using Multi Stage Downdraft Gasifier. Automotive Experiences, 2021, 4, 97-103.	0.9	1
36	A dependence study: Molecular weight of polyethylene glycol (PEG) ON La _{0.7} Sr _{0.3} Co _{0.2} Fe _{0.8} O _{3-δ} (LSCF) Tj ETQq0 0 0 rgBT /Overloc Sciences, 2021, , .	2.0	1

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37	THE EFFECT OF PHOSPHORUS ADDITION ON THE ACTIVITY OF BISMUTH MOLYBDATE CATALYST FOR PARTIAL OXIDATION OF PROPYLENE TO ACROLEIN. Indonesian Journal of Chemistry, 2010, 10, 370-375.	0.8	1
38	SYNTHESIS AND MAGNETIC PROPERTIES OF BINUCLEAR COMPLEX [N(n-C ₄ H ₉) ₄][Mn ^{II} Fe ^{III} (ox) ₃]. Indonesian Journal of Chemistry, 2012, 12, 89-93.	0.8	1
39	Morphological and Physical Study of La _{0.7} Sr _{0.3} Co _{0.2} Fe _{0.8} O _{3-δ} (LSCF 7328) Flat Membranes Modified by Polyethylene Glycol (PEG). Journal of Applied Membrane Science & Technology, 2018, 22, .	0.6	1
40	PREPARATION, CHARACTERIZATION AND CATALYTIC ACTIVITY OF CuO/TS-1 ON BENZENE HYDROXYLATION REACTION. Makara Seri Sains, 2012, 15, .	0.0	0
41	Effect of Fe substitution on the partial oxidation of methane to syngas overLa _{0.7} Sr _{0.3} Co ₁ . Turkish Journal of Chemistry, 2019, 43, 741-749.	1.2	0
42	Stability study of triple layer hollow fiber in solid oxide fuel cell with methane as fuel. Ionics, 2020, 26, 3073-3083.	2.4	0
43	Study of microstructure modification on La _{0.7} Sr _{0.3} Co _{0.2} Fe _{0.8} O _{3-δ} (LSCF 7328) asymmetric flat membrane. Malaysian Journal of Fundamental and Applied Sciences, 2019, 15, 498-503.	0.8	0