

Hadi Nur

List of Publications by Year in descending order

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165
papers

4,303
citations

132226

32
h-index

128908

60
g-index

167
all docs

167
docs citations

167
times ranked

6521
citing authors

#	ARTICLE	IF	CITATIONS
1	Second generation bioethanol production: A critical review. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 66, 631-653.	16.7	501
2	A Review of Silver Nanoparticles: Research Trends, Global Consumption, Synthesis, Properties, and Future Challenges. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 732-756.	1.7	301
3	Antioxidant, Antimicrobial and Antiviral Properties of Herbal Materials. <i>Antioxidants</i> , 2020, 9, 1309.	5.2	244
4	A review on energy scenario and sustainable energy in Indonesia. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 2316-2328.	16.7	226
5	Review of CIGS-based solar cells manufacturing by structural engineering. <i>Solar Energy</i> , 2020, 207, 1146-1157.	6.1	130
6	Electrospun Nano-Fibers for Biomedical and Tissue Engineering Applications: A Comprehensive Review. <i>Materials</i> , 2020, 13, 2153.	3.0	128
7	Solid-state NMR and FTIR studies of lime stabilized montmorillonitic and lateritic clays. <i>Applied Clay Science</i> , 2012, 67-68, 5-10.	5.4	124
8	Antimicrobial Treatment of Different Metal Oxide Nanoparticles: A Critical Review. <i>Journal of the Chinese Chemical Society</i> , 2016, 63, 385-393.	1.7	120
9	Second generation bioethanol potential from selected Malaysia's biodiversity biomasses: A review. <i>Waste Management</i> , 2016, 47, 46-61.	7.6	110
10	Photocatalytic remediation of organic waste over Keggin-based polyoxometalate materials: A review. <i>Chemosphere</i> , 2021, 263, 128244.	8.4	95
11	Controlling the degradation kinetics of porous iron by poly(lactic-co-glycolic acid) infiltration for use as temporary medical implants. <i>Scientific Reports</i> , 2015, 5, 11194.	3.4	79
12	Phase-Boundary Catalysis of Alkene Epoxidation with Aqueous Hydrogen Peroxide Using Amphiphilic Zeolite Particles Loaded with Titanium Oxide. <i>Journal of Catalysis</i> , 2001, 204, 402-408.	6.5	78
13	A critical review of metal-doped TiO ₂ and its structure-physical properties-photocatalytic activity relationship in hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 28553-28565.	7.2	70
14	Modification of titanium surface species of titania by attachment of silica nanoparticles. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2006, 133, 49-54.	3.6	66
15	SEM, XRD and FTIR analyses of both ultrasonic and heat generated activated carbon black microstructures. <i>Heliyon</i> , 2020, 6, e03546.	3.3	62
16	Phase-boundary catalysis: a new approach in alkene epoxidation with hydrogen peroxide by zeolite loaded with alkylsilane-covered titanium oxide. <i>Chemical Communications</i> , 2000, , 2235-2236.	4.2	56
17	Characterization of phosphoric acid- and lime-stabilized tropical lateritic clay. <i>Environmental Earth Sciences</i> , 2011, 63, 1057-1066.	2.7	55
18	Iron-porphyrin encapsulated in poly(methacrylic acid) and mesoporous Al-MCM-41 as catalysts in the oxidation of benzene to phenol. <i>Materials Chemistry and Physics</i> , 2006, 96, 337-342.	4.1	54

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19	Effect of graphene oxide on the structural and electrochemical behavior of polypyrrole deposited on cotton fabric. <i>Journal of Molecular Structure</i> , 2014, 1075, 486-493.	3.7	54
20	Phase change material: Optimizing the thermal properties and thermal conductivity of myristic acid/palmitic acid eutectic mixture with acid-based surfactants. <i>Applied Thermal Engineering</i> , 2013, 60, 261-265.	6.1	49
21	A review of <i>Acalypha indica</i> L. (Euphorbiaceae) as traditional medicinal plant and its therapeutic potential. <i>Journal of Ethnopharmacology</i> , 2017, 207, 146-173.	4.2	49
22	Stabilization of tropical kaolin soil with phosphoric acid and lime. <i>Natural Hazards</i> , 2012, 61, 931-942.	3.4	47
23	Dynamic degradation of porous magnesium under a simulated environment of human cancellous bone. <i>Corrosion Science</i> , 2016, 112, 495-506.	6.7	44
24	Radio frequency magnetron sputtered ZnO/SiO ₂ /glass thin film: Role of ZnO thickness on structural and optical properties. <i>Journal of Alloys and Compounds</i> , 2016, 671, 170-176.	5.7	44
25	Sulphated AlMCM-41: Mesoporous solid Brønsted acid catalyst for dibenzoylation of biphenyl. <i>Catalysis Today</i> , 2006, 114, 257-262.	4.9	43
26	Preparation and characterization of bifunctional oxidative and acidic catalysts Nb ₂ O ₅ /TS-1 for synthesis of diols. <i>Materials Chemistry and Physics</i> , 2005, 93, 443-449.	4.1	41
27	Organosulfonic acid functionalized zeolite ZSM-5 as temperature tolerant proton conducting material. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 12513-12521.	7.2	40
28	Strength of lime-cement stabilized tropical lateritic clay contaminated by heavy metals. <i>KSCE Journal of Civil Engineering</i> , 2015, 19, 887-892.	1.9	39
29	Direct Observation of Bimodal Amphiphilic Surface Structures of Zeolite Particles for a Novel Liquid-Liquid Phase Boundary Catalysis. <i>Langmuir</i> , 2001, 17, 7976-7979.	3.7	37
30	On the drastic reduction of organic structure directing agent in the steam-assisted crystallization of zeolite with hierarchical porosity. <i>Microporous and Mesoporous Materials</i> , 2016, 230, 30-38.	4.5	37
31	On the location of different titanium sites in Ti-OMS-2 and their catalytic role in oxidation of styrene. <i>Catalysis Communications</i> , 2007, 8, 2007-2011.	3.4	35
32	Generation of Brønsted acidity in AlMCM-41 by sulphation for enhanced liquid phase tert-butylation of phenol. <i>Applied Catalysis A: General</i> , 2007, 323, 58-65.	4.6	35
33	Synergistic role of Lewis and Brønsted acidities in Friedel-Crafts alkylation of resorcinol over gallium-zeolite beta. <i>Catalysis Communications</i> , 2011, 12, 822-825.	3.4	34
34	Dispersive Micro-Solid Phase Extraction Combined with High-Performance Liquid Chromatography for the Determination of Three Penicillins in Milk Samples. <i>Food Analytical Methods</i> , 2015, 8, 1079-1087.	2.6	33
35	A review on synthesis of kaolin-based zeolite and the effect of impurities. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 911-936.	1.7	32
36	Morphology and BET surface area of phosphoric acid stabilized tropical soils. <i>Engineering Geology</i> , 2013, 154, 36-41.	6.4	31

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37	One-pot non-template synthesis of hierarchical ZSM-5 from kaolin source. <i>Solid State Sciences</i> , 2019, 87, 150-154.	3.2	31
38	Sulfation: a simple method to enhance the catalytic activity of TS-1 in epoxidation of 1-octene with aqueous hydrogen peroxide. <i>Catalysis Communications</i> , 2004, 5, 725-728.	3.4	28
39	Spectral features and antibacterial properties of Cu-doped ZnO nanoparticles prepared by sol-gel method. <i>Chinese Physics B</i> , 2016, 25, 077803.	1.4	27
40	Textile/ $\text{Al}_2\text{O}_3/\text{TiO}_2$ nanocomposite as an antimicrobial and radical scavenger wound dressing. <i>RSC Advances</i> , 2016, 6, 8188-8197.	3.7	26
41	Hydrophobic fluorinated $\text{TiO}_2/\text{ZrO}_2$ as catalyst in epoxidation of 1-octene with aqueous hydrogen peroxide. <i>Materials Letters</i> , 2006, 60, 2274-2277.	2.7	25
42	Stannic Oxide-Titanium Dioxide Coupled Semiconductor Photocatalyst Loaded with Polyaniline for Enhanced Photocatalytic Oxidation of 1-Octene. <i>International Journal of Photoenergy</i> , 2007, 2007, 1-6.	2.7	25
43	Solid-phase membrane tip extraction combined with liquid chromatography for the determination of azole antifungal drugs in human plasma. <i>Analytical Methods</i> , 2014, 6, 3375-3381.	2.7	24
44	Structure, degradation, drug release and mechanical properties relationships of iron-based drug eluting scaffolds: The effects of PLGA. <i>Materials and Design</i> , 2018, 160, 203-217.	7.2	24
45	Hexamethyldisiloxane-modified ZnO/SiO_2 -coated superhydrophobic textiles for antibacterial application. <i>Journal of the Chinese Chemical Society</i> , 2019, 66, 594-599.	1.7	24
46	TS-1 loaded with sulfated zirconia as bifunctional oxidative and acidic catalyst for transformation of 1-octene to 1,2-octanediol. <i>Journal of Molecular Catalysis A</i> , 2005, 241, 118-125.	4.8	23
47	Simultaneous adsorption of a mixture of paraquat and dye by NaY zeolite covered with alkylsilane. <i>Journal of Hazardous Materials</i> , 2005, 117, 35-40.	12.6	22
48	Rapid Dispersive Micro-Solid Phase Extraction Using Mesoporous Carbon COU-2 in the Analysis of Cloxacillin in Water. <i>Journal of Pharmaceutical Innovation</i> , 2013, 8, 240-246.	2.4	22
49	Structure-property relationships of iron-hydroxyapatite ceramic matrix nanocomposite fabricated using mechanosynthesis method. <i>Materials Science and Engineering C</i> , 2015, 51, 294-299.	7.8	22
50	Facile Synthesis of Hydroxyapatite Particles from Cockle Shells (<i>Anadaragranosa</i>) by Hydrothermal Method. <i>Oriental Journal of Chemistry</i> , 2015, 31, 1099-1105.	0.3	22
51	The ionic size of metal atoms in correlation with acidity by the conversion of cyclohexanol over MeAPO-5. <i>Materials Research Bulletin</i> , 2001, 36, 315-322.	5.3	21
52	Niobium oxide and phosphoric acid impregnated silica-titania as oxidative-acidic bifunctional catalyst. <i>Applied Catalysis A: General</i> , 2014, 471, 142-148.	4.6	21
53	<i>In Situ</i> Synthesis of Silver Nanoparticles for AgNP/Cotton Nanocomposite and Its Bactericidal Effect. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 1286-1293.	1.7	21
54	Modifications on porous absorbable Fe-based scaffolds for bone applications: A review from corrosion and biocompatibility viewpoints. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 18-44.	3.7	21

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55	Improvement of catalytic activity in styrene oxidation of carbon-coated titania by formation of porous carbon layer. <i>Chemical Engineering Journal</i> , 2012, 209, 486-493.	13.0	20
56	Quantitative measurement of a mixture of mesophases cubic MCM-48 and hexagonal MCM-41 by ¹³ C CP/MAS NMR. <i>Materials Letters</i> , 2004, 58, 1971-1974.	2.7	19
57	Photocatalytic activity and reusability of ZnO layer synthesised by electrolysis, hydrogen peroxide and heat treatment. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 1875-1882.	2.4	18
58	Mesostructured TUD-C supported molybdena doped titania as high selective oxidative catalyst for olefins epoxidation at ambient condition. <i>Microporous and Mesoporous Materials</i> , 2016, 225, 411-420.	4.5	16
59	Corrosion of porous Mg and Fe scaffolds: a review of mechanical and biocompatibility responses. <i>Corrosion Engineering Science and Technology</i> , 2021, 56, 310-326.	1.4	15
60	Carbon-containing Hydroxyapatite Obtained from Fish Bone as Low-cost Mesoporous Material for Methylene Blue Adsorption. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2019, 14, 660-671.	1.2	15
61	Design, Preparation and Characterization of Polystyrene Nanospheres Based-Porous Structure towards UV-Vis and Infrared Light Absorption. <i>Physics Procedia</i> , 2011, 22, 524-531.	1.2	14
62	Modification of Electrical Properties of Silver Nanoparticle. , 0, , .		14
63	Phase-boundary catalysts for acid-catalyzed reactions: the role of bimodal amphiphilic structure and location of active sites. <i>Journal of the Brazilian Chemical Society</i> , 2004, 15, 719-724.	0.3	14
64	Tungsten Oxides-Containing Titanium Silicalite for Liquid Phase Epoxidation of 1-octene with Aqueous Hydrogen Peroxide. <i>Catalysis Letters</i> , 2009, 128, 177-182.	2.7	13
65	Physical Properties and Bifunctional Catalytic Performance of Phosphate-impregnated Vanadium Impregnated Silica-Titania Aerogel. <i>Catalysis Letters</i> , 2009, 132, 28-33.	2.7	13
66	Cation Exchange Capacity of Phosphoric Acid and Lime Stabilized Montmorillonitic and Kaolinitic Soils. <i>Geotechnical and Geological Engineering</i> , 2012, 30, 1435-1440.	1.7	13
67	Zinc Oxide Nanoparticles-Immobilized Mesoporous Hollow Silica Spheres for Photodegradation of Sodium Dodecylbenzenesulfonate. <i>Australian Journal of Chemistry</i> , 2016, 69, 790.	0.0	13
68	New method to synthesize mesoporous titania by photodegradation of surfactant template. <i>Solid State Sciences</i> , 2016, 52, 83-91.	3.2	13
69	Insight into the bioabsorption of Fe-based materials and their current developments in bone applications. <i>Biotechnology Journal</i> , 2021, 16, e2100255.	3.7	13
70	A new way to control the coordination of titanium (IV) in the sol-gel synthesis of broom fibers-like mesoporous alkyl silica-titania catalyst through addition of water. <i>Chemical Engineering Journal</i> , 2013, 222, 23-31.	13.0	12
71	Preparation of Anatase Hollow TiO ₂ Spheres and Their Photocatalytic Activity in the Photodegradation of Chlorpyrifos. <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 1211-1216.	1.7	12
72	SELF-CLEANING TiO ₂ -SiO ₂ CLUSTERS ON COTTON TEXTILE PREPARED BY DIP-SPIN COATING PROCESS. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.4	12

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73	Enhancement of Antibacterial Capability of Cotton Textiles Coated with TiO ₂ /SiO ₂ /Chitosan Using Hydrophobization. Journal of the Chinese Chemical Society, 2017, 64, 1347-1353.	1.7	12
74	A new green method for the synthesis of silver nanoparticles and their antibacterial activities against gram ⁺ positive and gram ⁻ negative bacteria. Journal of the Chinese Chemical Society, 2019, 66, 705-712.	1.7	12
75	Alkylsilylated Gold Loaded Magnesium Oxide Aerogel Catalyst in the Oxidation of Styrene. Catalysis Letters, 2009, 130, 161-168.	2.7	11
76	Fine-tuning the local structure and catalytic activity of titanium-amine functionalized silica in oxidation of limonene by aqueous hydrogen peroxide. Catalysis Communications, 2012, 20, 85-88.	3.4	11
77	Utilization of low rank coal as oxidation catalyst by controllable removal of its carbonaceous component. Journal of the Taiwan Institute of Chemical Engineers, 2015, 46, 183-190.	5.3	11
78	Enhanced Removal of Soluble and Insoluble Dyes over Hierarchical Zeolites: Effect of Synthesis Condition. Inorganics, 2020, 8, 52.	2.8	11
79	Green Synthesized Silver Nanoparticles Immobilized on Activated Carbon Nanoparticles: Antibacterial Activity Enhancement Study and Its Application on Textiles Fabrics. Molecules, 2021, 26, 3790.	3.9	11
80	Adsorption Study of Rhodamine B and Methylene Blue Dyes with ZSM-5 Directly Synthesized from Bangka Kaolin without Organic Template. Indonesian Journal of Chemistry, 2019, 20, 130.	0.8	11
81	Fe(III)-salen encapsulated Al-MCM-41 as a catalyst in the polymerisation of bisphenol-A. Solid State Sciences, 2005, 7, 239-244.	3.2	10
82	Physico-Chemical Characterization Of Lime Stabilized Tropical Kaolin Clay. Jurnal Teknologi (Sciences) Tj ETQq0 0 0 rgBT /Overlock 10 TF 0.4	0.4	10
83	THE USE OF THE COMBINATION OF FTIR, PYRIDINE ADSORPTION, 27Al AND 29Si MAS NMR TO DETERMINE THE BRÄ-NSTED AND LEWIS ACIDIC SITES. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	10
84	Enhancement of catalytic activity of titanosilicalite-1 - sulfated zirconia combination towards epoxidation of 1-octene with aqueous hydrogen peroxide. Reaction Kinetics and Catalysis Letters, 2005, 86, 83-89.	0.6	9
85	Biphasic epoxidation of 1-octene with H ₂ O ₂ catalyzed by amphiphilic fluorinated Ti-loaded zirconia. Journal of Fluorine Chemistry, 2007, 128, 12-16.	1.7	9
86	Characterization and Catalytic Performance of Niobic Acid Dispersed over Titanium Silicalite. Advances in Materials Science and Engineering, 2008, 2008, 1-12.	1.7	9
87	Synthesis and characterization of zeolite NaX from Bangka Belitung Kaolin as alternative precursor. Malaysian Journal of Fundamental and Applied Sciences, 2018, 14, 414-418.	0.9	9
88	Well-aligned Titanium Dioxide with Very High Length-to-diameter Ratio Synthesized under Magnetic Field. Chemistry Letters, 2012, 41, 1468-1470.	1.4	8
89	Temperature-controlled selectivity in oxidation of 1-octene by using aqueous hydrogen peroxide in phase-boundary catalytic system. Applied Catalysis A: General, 2013, 460-461, 21-25.	4.6	8
90	A rapid MCM-41 dispersive micro-solid phase extraction coupled with LC/MS/MS for quantification of ketoconazole and voriconazole in biological fluids. Biomedical Chromatography, 2017, 31, e3803.	1.7	8

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91	Effect of calcination temperature on the photocatalytic activity of carbon-doped titanium dioxide revealed by photoluminescence study. <i>Journal of the Chinese Chemical Society</i> , 2019, 66, 1277-1283.	1.7	8
92	Carbon-containing-titania coated stainless steel prepared by high voltage powder spray coating and its adhesion phenomena. <i>Progress in Organic Coatings</i> , 2020, 147, 105782.	4.1	8
93	Current Status and Outlook of Porous Zn-based Scaffolds for Bone Applications: A Review. <i>Journal of Bionic Engineering</i> , 2022, 19, 737-751.	5.1	8
94	Sustainable development research in Eurasia <i>Journal of Mathematics, Science and Technology Education: A systematic literature review. Eurasia Journal of Mathematics, Science and Technology Education</i> , 2022, 18, em2103.	1.3	8
95	Changes in Physical Properties and Molecular Structure of Polystyrene Nanospheres Exposed with Solar Flux. <i>AIP Conference Proceedings</i> , 2011, , .	1.0	7
96	A proposed mechanism of action of textile/ Al_2O_3 - TiO_2 bimetal oxide nanocomposite as an antimicrobial agent. <i>Journal of the Textile Institute</i> , 2019, 110, 791-798.	1.9	7
97	Degradation-triggered release from biodegradable metallic surfaces. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 2184-2198.	3.7	7
98	Synthesis and Characterization of Acid Modified Silica-Titania Aerogel as Oxidative-Acidic Bifunctional Catalyst. <i>International Journal of Applied Physics and Mathematics</i> , 2011, , 43-47.	0.3	7
99	Action competencies for sustainability and its implications to environmental education for prospective science teachers: A systematic literature review. <i>Eurasia Journal of Mathematics, Science and Technology Education</i> , 2022, 18, em2138.	1.3	7
100	Probing the active sites of aluminated mesoporous molecular sieve MCM-41 by secondary synthesis in the conversion of cyclohexanol. <i>Studies in Surface Science and Catalysis</i> , 1998, 117, 453-459.	0.2	6
101	Manufacturing and Morphological Analysis of Composite Material of Polystyrene Nanospheres/Cadmium Metal Nanoparticles. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2013, 7, .	1.2	6
102	Hydrophobic effect of silica functionalized with silylated Ti-salicylaldehyde complex on limonene oxidation by aqueous hydrogen peroxide. <i>Journal of Chemical Sciences</i> , 2015, 127, 1905-1917.	1.6	6
103	Vinyl-functionalized mesoporous carbon for dispersive micro-solid phase extraction of azole antifungal agents from aqueous matrices. <i>Separation Science and Technology</i> , 2020, 55, 3102-3112.	2.5	6
104	50 Effect of titanium active site location on activity of phase boundary catalyst particles for alkene epoxidation with aqueous hydrogen peroxide. <i>Studies in Surface Science and Catalysis</i> , 2003, , 251-254.	0.2	5
105	Amphiphilic NaY zeolite particles loaded with niobic acid: Materials with applications for catalysis in immiscible liquid-liquid system. <i>Reaction Kinetics and Catalysis Letters</i> , 2004, 82, 255-261.	0.6	5
106	The Role of Ti and Lewis Acidity in Manganese Oxide Octahedral Molecular Sieves Impregnated with Titanium in Oxidation Reactions. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2014, 9, 28-38.	1.2	4
107	Ti-phenyl nanoparticles encapsulated in mesoporous silica as active and selective catalyst for the oxidation of alkenes. <i>Catalysis Communications</i> , 2014, 46, 150-155.	3.4	4
108	Preparation of Titania on Stainless Steel by the Spray-ILGAR Technique as Active Photocatalyst under UV Light Irradiation for the Decomposition of Acetaldehyde. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 698.	2.6	4

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109	One-Dimensional-Like Titania/4-Pentyl-4-Biphenylcarbonitrile Composite Synthesized Under Magnetic Field and its Structure-Photocatalytic Activity Relationship. <i>Frontiers in Chemistry</i> , 2018, 6, 370.	3.7	4
110	Magnetic field-induced alignment of polybenzimidazole microstructures to enhance proton conduction. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 86-94.	1.7	4
111	Physical and electrochemical appraisal of cotton textile modified with polypyrrole and graphene/reduced graphene oxide for flexible electrode. <i>Journal of the Textile Institute</i> , 2021, 112, 646-658.	1.9	4
112	Direct synthesis of ZSM-5 from kaolin and the influence of organic template. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2017, 13, .	0.9	4
113	Selective Hierarchical Aluminosilicates for Acetalization Reaction with Propylene Glycol. <i>Indonesian Journal of Chemistry</i> , 2019, 19, 975.	0.8	4
114	Influence of TiO ₂ /TS-1 Calcination on Hydroxylation of Phenol. <i>Journal of Mathematical and Fundamental Sciences</i> , 2014, 46, 76-90.	0.4	4
115	The development and validation of environmental literacy instrument based on spirituality for prospective science teachers. <i>Eurasia Journal of Mathematics, Science and Technology Education</i> , 2022, 18, em2206.	1.3	4
116	Friedel-Crafts Alkylation of Resorcinol over Mesoporous Alumina Loaded with Sulfuric Acid. <i>International Journal of Chemical Reactor Engineering</i> , 2010, 8, .	1.2	3
117	Effect of Acid Treatment on Silica-Titania Aerogel as Oxidative-Acidic Bifunctional Catalyst. <i>Applied Mechanics and Materials</i> , 0, 110-116, 457-464.	0.1	3
118	Liquid-gas boundary catalysis by using gold/polystyrene-coated hollow titania. <i>Journal of Colloid and Interface Science</i> , 2013, 394, 490-497.	9.6	3
119	Synthesis and Characterizations of Metal Oxide-Sulfonic Acid Functionalized ZSM-5 for Photocatalytic Degradation and Adsorption of Dimethylarsenic Acid. <i>Applied Mechanics and Materials</i> , 0, 699, 994-999.	0.1	3
120	Titania-Loaded Coal Char as Catalyst in Oxidation of Styrene with Aqueous Hydrogen Peroxide. <i>International Journal of Chemical Reactor Engineering</i> , 2017, 15, .	1.2	3
121	Synthesis and characterization of CIGS ink by hot injection method. <i>AIP Conference Proceedings</i> , 2020, , .	1.0	3
122	Developing AR-based ebook for introducing dynamic process of fuel cell. <i>AIP Conference Proceedings</i> , 2020, , .	1.0	3
123	Imazalil sulphate pesticide degradation using silver loaded hollow anatase TiO ₂ under UV light irradiation. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2016, 12, .	0.9	3
124	Can kaolin function as source of alumina in the synthesis of ZSM-5 without an organic template using a seeding technique?. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2016, 12, .	0.9	3
125	Activated Bledug Kuwu's Clay as Adsorbent Potential for Synthetic Dye Adsorption: Kinetic and Thermodynamic Studies. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2022, 17, 22-31.	1.2	3
126	Comparative Adsorption Performance of Carbon-containing Hydroxyapatite Derived Tenggiri (Scomberomorini) and Belida (Chitala) Fish Bone for Methylene Blue. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2022, 17, 565-576.	1.2	3

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127	Enhancement of Brønsted Acidity in Sulfate-Vanadium Treated Silica-Titania Aerogel as Oxidative-Acidic Bifunctional Catalyst. <i>International Journal of Chemical Reactor Engineering</i> , 2010, 8, .	1.2	2
128	Cation Exchange Capacity Of a Quartz-Rich Soil in an Acidic and Basic Environment. <i>Advanced Materials Research</i> , 2011, 255-260, 2766-2770.	0.1	2
129	Formation of Titanium Oxide by Thermal-Electrochemical Process on the Blasted Titanium Alloys Substrate. <i>Advanced Materials Research</i> , 2013, 650, 12-17.	0.1	2
130	Titanium Dioxide-Supported Sulfonated Low Rank Coal as Catalysts in the Oxidation of Styrene with Aqueous Hydrogen Peroxide. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 69, .	0.4	2
131	Web-Based Robo-PEM for Introducing Fuel Cell Implementation. , 2020, , .		2
132	Catalytic Performance of TiO ₂ @Carbon Mesoporous-Derived from Fish Bones in Styrene Oxidation with Aqueous Hydrogen Peroxide as an Oxidant. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2021, 16, 88-96.	1.2	2
133	CATALYTIC PERFORMANCES OF Fe ₂ O ₃ /TS-1 CATALYST IN PHENOL HYDROXYLATION REACTION. <i>Indonesian Journal of Chemistry</i> , 2010, 10, 149-155.	0.8	2
134	Hierarchical Structure and Magnetic Behavior of Zn-Doped Magnetite Aqueous Ferrofluids Prepared from Natural Sand for Antibacterial Agents. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20200774.	0.8	2
135	A Perspective on Catalysis in the Immiscible Liquid-Liquid System. <i>Journal of the Indonesian Chemical Society</i> , 2019, 2, 66.	0.3	2
136	Kinetic Study of Styrene Oxidation over Titania Catalyst Supported on Sulfonated Fish Bone-derived Carbon. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2022, 17, 194-204.	1.2	2
137	The existence of environmental education in the COVID-19 pandemic: A systematic literature review. <i>Eurasia Journal of Mathematics, Science and Technology Education</i> , 2023, 19, em2347.	1.3	2
138	Dehydration and dehydrogenation of cyclohexanol over AlPO ₄₋₅ based molecular sieves. <i>Reaction Kinetics and Catalysis Letters</i> , 1999, 66, 33-38.	0.6	1
139	Nanosphere Lithography: Fabrication of Periodic Arrays of Nanoholes. <i>AIP Conference Proceedings</i> , 2011, , .	1.0	1
140	Synthesis of titania with different shapes. , 2014, , .		1
141	Investigating the catalytic activity of a novel phase boundary catalyst in oxidation of styrene. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2019, 14, e2350.	1.5	1
142	Study on the ion-exchange properties of the activated carbon black nanoparticles of ACBNPs20_17 code using sodium hydroxide solution. <i>AIP Conference Proceedings</i> , 2020, , .	1.0	1
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