

# Hadi Nur

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

146  
papers

2,641  
citations

28  
h-index

46  
g-index

162  
ext. papers

3,145  
ext. citations

3.2  
avg, IF

5.52  
L-index

#	Paper	IF	Citations
146	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> , <b>2022</b> , 110, 18-44	3.3	1
145	Bibliometric Analysis of Publications of Universiti Teknologi Malaysia. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , <b>2022</b> , 18, 1-18	0.7	
144	Current Status and Outlook of Porous Zn-based Scaffolds for Bone Applications: A Review. <i>Journal of Bionic Engineering</i> , <b>2022</b> , 19, 737	2.6	0
143	Sustainable development research in Eurasia Journal of Mathematics, Science and Technology Education: A systematic literature review. <i>Eurasia Journal of Mathematics, Science and Technology Education</i> , <b>2022</b> , 18, em2103	1.5	0
142	Kinetic Study of Styrene Oxidation over Titania Catalyst Supported on Sulfonated Fish Bone-derived Carbon. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , <b>2022</b> , 17, 194-204	1.5	0
141	Activated Bledug Kuwu Clay as Adsorbent Potential for Synthetic Dye Adsorption: Kinetic and Thermodynamic Studies. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , <b>2022</b> , 17, 22-31	1.5	0
140	Photocatalytic remediation of organic waste over Keggin-based polyoxometalate materials: A review. <i>Chemosphere</i> , <b>2021</b> , 263, 128244	8.4	28
139	Magnetic field-induced alignment of polybenzimidazole microstructures to enhance proton conduction. <i>Journal of the Chinese Chemical Society</i> , <b>2021</b> , 68, 86-94	1.5	1
138	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> , <b>2021</b> , 112, 646-658	1.5	2
137	Breathable nonwoven hygienic products <b>2021</b> , 397-420		
136	Green Synthesized Silver Nanoparticles Immobilized on Activated Carbon Nanoparticles: Antibacterial Activity Enhancement Study and Its Application on Textiles Fabrics. <i>Molecules</i> , <b>2021</b> , 26,	4.7	2
135	Insight into the bioabsorption of Fe-based materials and their current developments in bone applications. <i>Biotechnology Journal</i> , <b>2021</b> , 16, e2100255	5.4	2
134	Catalytic Performance of TiO <sub>2</sub> 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> , <b>2021</b> , 16, 88-96	1.5	1
133	Corrosion of porous Mg and Fe scaffolds: a review of mechanical and biocompatibility responses. <i>Corrosion Engineering Science and Technology</i> , <b>2021</b> , 56, 310-326	1.6	2
132	INCORPORATION OF ACALYPHA INDICA EXTRACT IN POLYVINYL ALCOHOL HYDROGELS: PHYSICO-CHEMICAL, ANTIBACTERIAL AND CELL COMPATIBILITY ANALYSES. <i>Jurnal Teknologi (Sciences and Engineering)</i> , <b>2021</b> , 83, 57-65	0.9	
131	Degradation-triggered release from biodegradable metallic surfaces. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2021</b> , 109, 2184-2198	3.3	2
130	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> , <b>2021</b> , 93, e20200774	1.3	

129	Vinyl-functionalized mesoporous carbon for dispersive micro-solid phase extraction ofazole antifungal agents from aqueous matrices. <i>Separation Science and Technology</i> , <b>2020</b> , 55, 3102-3112	2.5	1
128	A critical review of metal-doped TiO <sub>2</sub> and its structure-physical properties-photocatalytic activity relationship in hydrogen production. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 28553-28565	6.7	20
127	Enhanced Removal of Soluble and Insoluble Dyes over Hierarchical Zeolites: Effect of Synthesis Condition. <i>Inorganics</i> , <b>2020</b> , 8, 52	2.8	5
126	Review of CIGS-based solar cells manufacturing by structural engineering. <i>Solar Energy</i> , <b>2020</b> , 207, 1146-1157	4.7	44
125	Antioxidant, Antimicrobial and Antiviral Properties of Herbal Materials. <i>Antioxidants</i> , <b>2020</b> , 9,	6.8	42
124	Electrospun Nano-Fibers for Biomedical and Tissue Engineering Applications: A Comprehensive Review. <i>Materials</i> , <b>2020</b> , 13,	3.4	46
123	The improvement of Triboelectric effect of ZnO Nanorods/PAN in flexible Nanogenerator by adding TiO <sub>2</sub> nanoparticle. <i>Journal of Polymer Research</i> , <b>2020</b> , 27, 1	2.7	3
122	Carbon-containing-titania coated stainless steel prepared by high voltage powder spray coating and its adhesion phenomena. <i>Progress in Organic Coatings</i> , <b>2020</b> , 147, 105782	4.7	2
121	SEM, XRD and FTIR analyses of both ultrasonic and heat generated activated carbon black microstructures. <i>Heliyon</i> , <b>2020</b> , 6, e03546	3.6	12
120	Synthesis and characterization of CIGS ink by hot injection method <b>2020</b> ,		1
119	Developing AR-based ebook for introducing dynamic process of fuel cell <b>2020</b> ,		1
118	A review on synthesis of kaolin-based zeolite and the effect of impurities. <i>Journal of the Chinese Chemical Society</i> , <b>2020</b> , 67, 911-936	1.5	9
117	Annealing temperature induced improved crystallinity of YSZ thin film. <i>Materials Research Express</i> , <b>2020</b> , 7, 056406	1.6	1
116	Hexamethyldisiloxane-modified ZnO-SiO <sub>2</sub> -coated superhydrophobic textiles for antibacterial application. <i>Journal of the Chinese Chemical Society</i> , <b>2019</b> , 66, 594-599	1.5	10
115	A new green method for the synthesis of silver nanoparticles and their antibacterial activities against gram-positive and gram-negative bacteria. <i>Journal of the Chinese Chemical Society</i> , <b>2019</b> , 66, 705-712	1.5	5
114	Bias voltage dependent structure and morphology evolution of magnetron sputtered YSZ thin film: a basic insight. <i>Materials Research Express</i> , <b>2019</b> , 6, 106414	1.6	2
113	Investigating the catalytic activity of a novel phase-boundary catalyst in oxidation of styrene. <i>Asia-Pacific Journal of Chemical Engineering</i> , <b>2019</b> , 14, e2350	1.3	
112	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> , <b>2019</b> , 66, 1277-1283	1.5	4

111	One-pot non-template synthesis of hierarchical ZSM-5 from kaolin source. <i>Solid State Sciences</i> , <b>2019</b> , 87, 150-154	3.4	20
110	A proposed mechanism of action of textile/Al <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> bimetal oxide nanocomposite as an antimicrobial agent. <i>Journal of the Textile Institute</i> , <b>2019</b> , 110, 791-798	1.5	3
109	Selective Hierarchical Aluminosilicates for Acetalization Reaction with Propylene Glycol. <i>Indonesian Journal of Chemistry</i> , <b>2019</b> , 19, 975	0.7	2
108	Adsorption Study of Rhodamine B and Methylene Blue Dyes with ZSM-5 Directly Synthesized from Bangka Kaolin without Organic Template. <i>Indonesian Journal of Chemistry</i> , <b>2019</b> , 20, 130	0.7	4
107	Highly Crystalline Zinc Oxide/Mesoporous Hollow Silica Composites Synthesized at Low Temperature for the Photocatalytic Degradation of Sodium Dodecylbenzenesulfonate. <i>Australian Journal of Chemistry</i> , <b>2019</b> , 72, 252	1.2	1
106	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> , <b>2019</b> , 14, 660	1.5	5
105	Structure, degradation, drug release and mechanical properties relationships of iron-based drug eluting scaffolds: The effects of PLGA. <i>Materials and Design</i> , <b>2018</b> , 160, 203-217	7.9	16
104	One-Dimensional-Like Titania/4'-Pentyl-4-Biphenylcarbonitrile Composite Synthesized Under Magnetic Field and its Structure-Photocatalytic Activity Relationship. <i>Frontiers in Chemistry</i> , <b>2018</b> , 6, 370 <sup>4.8</sup>		3
103	Modification of Electrical Properties of Silver Nanoparticle <b>2018</b> ,		10
102	Synthesis and characterization of zeolite NaX from Bangka Belitung Kaolin as alternative precursor. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , <b>2018</b> , 14, 414-418	0.7	3
101	Negative Effect of Calcination to Catalytic Performance of Coal Char-loaded TiO <sub>2</sub> Catalyst in Styrene Oxidation with Hydrogen Peroxide as Oxidant. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , <b>2018</b> , 13, 113	1.5	1
100	In Situ Synthesis of Silver Nanoparticles for Ag-NP/Cotton Nanocomposite and Its Bactericidal Effect. <i>Journal of the Chinese Chemical Society</i> , <b>2017</b> , 64, 1286-1293	1.5	14
99	A rapid MCM-41 dispersive micro-solid phase extraction coupled with LC/MS/MS for quantification of ketoconazole and voriconazole in biological fluids. <i>Biomedical Chromatography</i> , <b>2017</b> , 31, e3803	1.6	5
98	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> , <b>2017</b> , 7, 698	2.5	3
97	Titania-Loaded Coal Char as Catalyst in Oxidation of Styrene with Aqueous Hydrogen Peroxide. <i>International Journal of Chemical Reactor Engineering</i> , <b>2017</b> , 15,	1.2	3
96	A review of <i>Acalypha indica</i> L. (Euphorbiaceae) as traditional medicinal plant and its therapeutic potential. <i>Journal of Ethnopharmacology</i> , <b>2017</b> , 207, 146-173	4.8	20
95	A Review of Silver Nanoparticles: Research Trends, Global Consumption, Synthesis, Properties, and Future Challenges. <i>Journal of the Chinese Chemical Society</i> , <b>2017</b> , 64, 732-756	1.5	169
94	Enhancement of Antibacterial Capability of Cotton Textiles Coated with TiO <sub>2</sub> /BiO <sub>2</sub> /Chitosan Using Hydrophobization. <i>Journal of the Chinese Chemical Society</i> , <b>2017</b> , 64, 1347-1353	1.5	9

93	Direct synthesis of ZSM-5 from kaolin and the influence of organic template. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , <b>2017</b> , 13,	0.7	2
92	High voltage powder spray coating as a new method for the preparation of carbon-titania coated stainless steel. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , <b>2017</b> , 13, 812-816	0.7	
91	Effect of magnetic field on the synthesis of well-aligned TiO <sub>2</sub> -5CB by sol-gel method. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , <b>2017</b> , 13, 690-692	0.7	
90	Zinc Oxide Nanoparticles-Immobilized Mesoporous Hollow Silica Spheres for Photodegradation of Sodium Dodecylbenzenesulfonate. <i>Australian Journal of Chemistry</i> , <b>2016</b> , 69, 790	1.2	12
89	New method to synthesize mesoporous titania by photodegradation of surfactant template. <i>Solid State Sciences</i> , <b>2016</b> , 52, 83-91	3.4	7
88	Photocatalytic activity and reusability of ZnO layer synthesised by electrolysis, hydrogen peroxide and heat treatment. <i>Environmental Technology (United Kingdom)</i> , <b>2016</b> , 37, 1875-82	2.6	14
87	Textile/Al <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> nanocomposite as an antimicrobial and radical scavenger wound dressing. <i>RSC Advances</i> , <b>2016</b> , 6, 8188-8197	3.6	17
86	Mesostructured TUD-C supported molybdena doped titania as high selective oxidative catalyst for olefins epoxidation at ambient condition. <i>Microporous and Mesoporous Materials</i> , <b>2016</b> , 225, 411-420	5.2	13
85	Radio frequency magnetron sputtered ZnO/SiO <sub>2</sub> /glass thin film: Role of ZnO thickness on structural and optical properties. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 671, 170-176	5.6	32
84	Second generation bioethanol potential from selected Malaysia's biodiversity biomasses: A review. <i>Waste Management</i> , <b>2016</b> , 47, 46-61	8.6	88
83	THE USE OF THE COMBINATION OF FTIR, PYRIDINE ADSORPTION, 27Al AND 29Si MAS NMR TO DETERMINE THE BRONSTED AND LEWIS ACIDIC SITES. <i>Jurnal Teknologi (Sciences and Engineering)</i> , <b>2016</b> , 78,	0.9	7
82	SELF-CLEANING TiO <sub>2</sub> -SiO <sub>2</sub> CLUSTERS ON COTTON TEXTILE PREPARED BY DIP-SPIN COATING PROCESS. <i>Jurnal Teknologi (Sciences and Engineering)</i> , <b>2016</b> , 78,	0.9	7
81	Antimicrobial Treatment of Different Metal Oxide Nanoparticles: A Critical Review. <i>Journal of the Chinese Chemical Society</i> , <b>2016</b> , 63, 385-393	1.5	73
80	Spectral features and antibacterial properties of Cu-doped ZnO nanoparticles prepared by sol-gel method. <i>Chinese Physics B</i> , <b>2016</b> , 25, 077803	1.1	10
79	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> , <b>2016</b> , 230, 30-38	5.2	22
78	Dynamic degradation of porous magnesium under a simulated environment of human cancellous bone. <i>Corrosion Science</i> , <b>2016</b> , 112, 495-506	6.7	31
77	Second generation bioethanol production: A critical review. <i>Renewable and Sustainable Energy Reviews</i> , <b>2016</b> , 66, 631-653	16	354
76	Imazalil sulphate pesticide degradation using silver loaded hollow anatase TiO <sub>2</sub> under UV light irradiation. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , <b>2016</b> , 12,	0.7	2

75	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> , <b>2016</b> , 12,	0.7	2
74	Structure-property relationships of iron-hydroxyapatite ceramic matrix nanocomposite fabricated using mechanosynthesis method. <i>Materials Science and Engineering C</i> , <b>2015</b> , 51, 294-9	8.1	18
73	Physico-Chemical Characterization Of Lime Stabilized Tropical Kaolin Clay. <i>Jurnal Teknologi (Sciences and Engineering)</i> , <b>2015</b> , 72,	0.9	4
72	Hydrophobic effect of silica functionalized with silylated Ti-salicylalimine complex on limonene oxidation by aqueous hydrogen peroxide. <i>Journal of Chemical Sciences</i> , <b>2015</b> , 127, 1905-1917	1.7	2
71	Utilization of low rank coal as oxidation catalyst by controllable removal of its carbonaceous component. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2015</b> , 46, 183-190	5.2	10
70	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> , <b>2015</b> , 8, 1079-1087	3.4	24
69	Strength of lime-cement stabilized tropical lateritic clay contaminated by heavy metals. <i>KSCE Journal of Civil Engineering</i> , <b>2015</b> , 19, 887-892	1.9	26
68	Controlling the degradation kinetics of porous iron by poly(lactic-co-glycolic acid) infiltration for use as temporary medical implants. <i>Scientific Reports</i> , <b>2015</b> , 5, 11194	4.7	59
67	Facile Synthesis of Hydroxyapatite Particles from Cockle Shells ( <i>Anadara granosa</i> ) by Hydrothermal Method. <i>Oriental Journal of Chemistry</i> , <b>2015</b> , 31, 1099-1105	0.6	13
66	Synthesis of titania with different shapes <b>2014</b> ,		1
65	Effect of graphene oxide on the structural and electrochemical behavior of polypyrrole deposited on cotton fabric. <i>Journal of Molecular Structure</i> , <b>2014</b> , 1075, 486-493	3.3	40
64	Preparation of Anatase Hollow TiO <sub>2</sub> Spheres and Their Photocatalytic Activity in the Photodegradation of Chlorpyrifos. <i>Journal of the Chinese Chemical Society</i> , <b>2014</b> , 61, 1211-1216	1.5	7
63	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> , <b>2014</b> , 699, 994-999	0.3	2
62	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> , <b>2014</b> , 9,	1.5	2
61	Niobium oxide and phosphoric acid impregnated silica-titania as oxidative-acidic bifunctional catalyst. <i>Applied Catalysis A: General</i> , <b>2014</b> , 471, 142-148	5.1	15
60	Solid-phase membrane tip extraction combined with liquid chromatography for the determination ofazole antifungal drugs in human plasma. <i>Analytical Methods</i> , <b>2014</b> , 6, 3375-3381	3.2	20
59	Ti-phenyl nanoparticles encapsulated in mesoporous silica as active and selective catalyst for the oxidation of alkenes. <i>Catalysis Communications</i> , <b>2014</b> , 46, 150-155	3.1	3
58	Influence of TiO <sub>2</sub> /TS-1 Calcination on Hydroxylation of Phenol. <i>Journal of Mathematical and Fundamental Sciences</i> , <b>2014</b> , 46, 76-90	0.6	3



57	Rapid Dispersive Micro-Solid Phase Extraction Using Mesoporous Carbon COU-2 in the Analysis of Cloxacillin in Water. <i>Journal of Pharmaceutical Innovation</i> , <b>2013</b> , 8, 240-246	1.8	18
56	Liquid-gas boundary catalysis by using gold/polystyrene-coated hollow titania. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 394, 490-7	9.1	2
55	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> , <b>2013</b> , 60, 261-265	5.7	42
54	Morphology and BET surface area of phosphoric acid stabilized tropical soils. <i>Engineering Geology</i> , <b>2013</b> , 154, 36-41	6	18
53	Temperature-controlled selectivity in oxidation of 1-octene by using aqueous hydrogen peroxide in phase-boundary catalytic system. <i>Applied Catalysis A: General</i> , <b>2013</b> , 460-461, 21-25	5.1	8
52	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> , <b>2013</b> , 222, 23-31	14.6	9
51	Manufacturing and Morphological Analysis of Composite Material of Polystyrene Nanospheres/Cadmium Metal Nanoparticles. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , <b>2013</b> , 7,	1.5	3
50	Formation of Titanium Oxide by Thermal-Electrochemical Process on the Blasted Titanium Alloys Substrate. <i>Advanced Materials Research</i> , <b>2013</b> , 650, 12-17	0.5	1
49	Improvement of catalytic activity in styrene oxidation of carbon-coated titania by formation of porous carbon layer. <i>Chemical Engineering Journal</i> , <b>2012</b> , 209, 486-493	14.6	13
48	Organosulfonic acid functionalized zeolite ZSM-5 as temperature tolerant proton conducting material. <i>International Journal of Hydrogen Energy</i> , <b>2012</b> , 37, 12513-12521	6.7	35
47	Solid-state NMR and FTIR studies of lime stabilized montmorillonitic and lateritic clays. <i>Applied Clay Science</i> , <b>2012</b> , 67-68, 5-10	5.1	92
46	Stabilization of tropical kaolin soil with phosphoric acid and lime. <i>Natural Hazards</i> , <b>2012</b> , 61, 931-942	2.9	37
45	Fine-tuning the local structure and catalytic activity of titanium-amine functionalized silica in oxidation of limonene by aqueous hydrogen peroxide. <i>Catalysis Communications</i> , <b>2012</b> , 20, 85-88	3.1	9
44	A review on energy scenario and sustainable energy in Indonesia. <i>Renewable and Sustainable Energy Reviews</i> , <b>2012</b> , 16, 2316-2328	16	124
43	Well-aligned Titanium Dioxide with Very High Length-to-diameter Ratio Synthesized under Magnetic Field. <i>Chemistry Letters</i> , <b>2012</b> , 41, 1468-1470	1.6	6
42	Cation Exchange Capacity of Phosphoric Acid and Lime Stabilized Montmorillonitic and Kaolinitic Soils. <i>Geotechnical and Geological Engineering</i> , <b>2012</b> , 30, 1435-1440	1.5	12
41	On Effective Locations of Catalytic Active Sites in Phase Boundary Catalyst. <i>ITB Journal of Science</i> , <b>2012</b> , 44, 152-163		1
40	Design, Preparation and Characterization of Polystyrene Nanospheres Based-Porous Structure towards UV-Vis and Infrared Light Absorption. <i>Physics Procedia</i> , <b>2011</b> , 22, 524-531		7

39	Characterization of phosphoric acid- and lime-stabilized tropical lateritic clay. <i>Environmental Earth Sciences</i> , <b>2011</b> , 63, 1057-1066	2.8	37
38	Cation Exchange Capacity Of a Quartz-Rich Soil in an Acidic and Basic Environment. <i>Advanced Materials Research</i> , <b>2011</b> , 255-260, 2766-2770	0.5	2
37	Effect of Acid Treatment on Silica-Titania Aerogel as Oxidative-Acidic Bifunctional Catalyst. <i>Applied Mechanics and Materials</i> , <b>2011</b> , 110-116, 457-464	0.3	2
36	Changes in Physical Properties and Molecular Structure of Polystyrene Nanospheres Exposed with Solar Flux <b>2011</b> ,		5
35	Nanosphere Lithography: Fabrication of Periodic Arrays of Nanoholes <b>2011</b> ,		1
34	Synergistic role of Lewis and Brønsted acidities in Friedel-Crafts alkylation of resorcinol over gallium-zeolite beta. <i>Catalysis Communications</i> , <b>2011</b> , 12, 822-825	3.1	30
33	Synthesis and Characterization of Acid Modified Silica-Titania Aerogel as Oxidative-Acidic Bifunctional Catalyst. <i>International Journal of Applied Physics and Mathematics</i> , <b>2011</b> , 43-47	0.3	6
32	Enhancement of Brønsted Acidity in Sulfate-Vanadium Treated Silica-Titania Aerogel as Oxidative-Acidic Bifunctional Catalyst. <i>International Journal of Chemical Reactor Engineering</i> , <b>2010</b> , 8,	1.2	2
31	Friedel-Crafts Alkylation of Resorcinol over Mesoporous Alumina Loaded with Sulfuric Acid. <i>International Journal of Chemical Reactor Engineering</i> , <b>2010</b> , 8,	1.2	2
30	CATALYTIC PERFORMANCES OF Fe <sub>2</sub> O <sub>3</sub> /TS-1 CATALYST IN PHENOL HYDROXYLATION REACTION. <i>Indonesian Journal of Chemistry</i> , <b>2010</b> , 10, 149-155	0.7	1
29	Tungsten Oxides-Containing Titanium Silicalite for Liquid Phase Epoxidation of 1-octene with Aqueous Hydrogen Peroxide. <i>Catalysis Letters</i> , <b>2009</b> , 128, 177-182	2.7	11
28	Physical Properties and Bifunctional Catalytic Performance of Phosphate-Vanadium Impregnated Silica-Titania Aerogel. <i>Catalysis Letters</i> , <b>2009</b> , 132, 28-33	2.7	11
27	Alkylsilylated Gold Loaded Magnesium Oxide Aerogel Catalyst in the Oxidation of Styrene. <i>Catalysis Letters</i> , <b>2009</b> , 130, 161-168	2.7	8
26	Hydrolyzed octadecyltrichlorosilane functionalized with amino acids as heterogeneous enantioselective catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , <b>2009</b> , 98, 157-164		
25	Characterization and Catalytic Performance of Niobic Acid Dispersed over Titanium Silicalite. <i>Advances in Materials Science and Engineering</i> , <b>2008</b> , 2008, 1-12	1.5	8
24	Biphasic epoxidation of 1-octene with H <sub>2</sub> O <sub>2</sub> catalyzed by amphiphilic fluorinated Ti-loaded zirconia. <i>Journal of Fluorine Chemistry</i> , <b>2007</b> , 128, 12-16	2.1	6
23	Stannic Oxide-Titanium Dioxide Coupled Semiconductor Photocatalyst Loaded with Polyaniline for Enhanced Photocatalytic Oxidation of 1-Octene. <i>International Journal of Photoenergy</i> , <b>2007</b> , 2007, 1-6	2.1	17
22	On the location of different titanium sites in TiO <sub>2</sub> MS-2 and their catalytic role in oxidation of styrene. <i>Catalysis Communications</i> , <b>2007</b> , 8, 2007-2011	3.1	28



21	Generation of Brønsted acidity in AlMCM-41 by sulphation for enhanced liquid phase tert-butylation of phenol. <i>Applied Catalysis A: General</i> , <b>2007</b> , 323, 58-65	5.1	30
20	Sulphated AlMCM-41: Mesoporous solid Brønsted acid catalyst for dibenzoylation of biphenyl. <i>Catalysis Today</i> , <b>2006</b> , 114, 257-262	5.2	36
19	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> , <b>2006</b> , 133, 49-54	3.1	59
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> , <b>2006</b> , 96, 337-342	4.3	50
17	Hydrophobic fluorinated TiO <sub>2</sub> /rO <sub>2</sub> as catalyst in epoxidation of 1-octene with aqueous hydrogen peroxide. <i>Materials Letters</i> , <b>2006</b> , 60, 2274-2277	3.2	21
16	Simultaneous adsorption of a mixture of paraquat and dye by NaY zeolite covered with alkylsilane. <i>Journal of Hazardous Materials</i> , <b>2005</b> , 117, 35-40	12.7	19
15	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> , <b>2005</b> , 241, 118-125		18
14	Preparation and characterization of bifunctional oxidative and acidic catalysts Nb <sub>2</sub> O <sub>5</sub> /TS-1 for synthesis of diols. <i>Materials Chemistry and Physics</i> , <b>2005</b> , 93, 443-449	4.3	34
13	Fe(III)-salen encapsulated Al-MCM-41 as a catalyst in the polymerisation of bisphenol-A. <i>Solid State Sciences</i> , <b>2005</b> , 7, 239-244	3.4	10
12	Enhancement of catalytic activity of titanosilicalite-1 - sulfated zirconia combination towards epoxidation of 1-octene with aqueous hydrogen peroxide. <i>Reaction Kinetics and Catalysis Letters</i> , <b>2005</b> , 86, 83-89		5
11	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> , <b>2004</b> , 15, 719-724	0.9	12
10	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> , <b>2004</b> , 82, 255-261		3
9	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> , <b>2004</b> , 5, 725-728	3.1	19
8	Quantitative measurement of a mixture of mesophases cubic MCM-48 and hexagonal MCM-41 by <sup>13</sup> C CP/MAS NMR. <i>Materials Letters</i> , <b>2004</b> , 58, 1971-1974	3.2	17
7	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> , <b>2003</b> , 251-254	1.8	5
6	Direct Observation of Bimodal Amphiphilic Surface Structures of Zeolite Particles for a Novel Liquid-Liquid Phase Boundary Catalysis. <i>Langmuir</i> , <b>2001</b> , 17, 7976-7979	3.9	28
5	Phase-Boundary Catalysis of Alkene Epoxidation with Aqueous Hydrogen Peroxide Using Amphiphilic Zeolite Particles Loaded with Titanium Oxide. <i>Journal of Catalysis</i> , <b>2001</b> , 204, 402-408	7.3	56
4	The ionic size of metal atoms in correlation with acidity by the conversion of cyclohexanol over MeAPO-5. <i>Materials Research Bulletin</i> , <b>2001</b> , 36, 315-322	5	21

3	Phase-boundary catalysis: a new approach in alkene epoxidation with hydrogen peroxide by zeolite loaded with alkylsilane-covered titanium oxide. <i>Chemical Communications</i> , <b>2000</b> , 2235-2236	5.7	49
2	Dehydration and dehydrogenation of cyclohexanol over AlPO <sub>4</sub> -5 based molecular sieves. <i>Reaction Kinetics and Catalysis Letters</i> , <b>1999</b> , 66, 33-38		1
1	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> , <b>1998</b> , 117, 453-459	1.8	6