

Hadi Nur

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4496245/hadi-nur-publications-by-citations.pdf>

Version: 2023-03-31

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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 | Second generation bioethanol production: A critical review. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 66, 631-653 | 16 | 354 |
| 145 | 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 | 1.5 | 169 |
| 144 | A review on energy scenario and sustainable energy in Indonesia. <i>Renewable and Sustainable Energy Reviews</i> , 2012 , 16, 2316-2328 | 16 | 124 |
| 143 | Solid-state NMR and FTIR studies of lime stabilized montmorillonitic and lateritic clays. <i>Applied Clay Science</i> , 2012 , 67-68, 5-10 | 5.1 | 92 |
| 142 | Second generation bioethanol potential from selected Malaysia's biodiversity biomasses: A review. <i>Waste Management</i> , 2016 , 47, 46-61 | 8.6 | 88 |
| 141 | Antimicrobial Treatment of Different Metal Oxide Nanoparticles: A Critical Review. <i>Journal of the Chinese Chemical Society</i> , 2016 , 63, 385-393 | 1.5 | 73 |
| 140 | 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 | 3.1 | 59 |
| 139 | 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 | 4.7 | 59 |
| 138 | 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 | 7.3 | 56 |
| 137 | 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 | 4.3 | 50 |
| 136 | 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 | 5.7 | 49 |
| 135 | Electrospun Nano-Fibers for Biomedical and Tissue Engineering Applications: A Comprehensive Review. <i>Materials</i> , 2020 , 13, | 3.4 | 46 |
| 134 | Review of CIGS-based solar cells manufacturing by structural engineering. <i>Solar Energy</i> , 2020 , 207, 1146-1157 | 6.7 | 44 |
| 133 | Antioxidant, Antimicrobial and Antiviral Properties of Herbal Materials. <i>Antioxidants</i> , 2020 , 9, | 6.8 | 42 |
| 132 | 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 | 3.3 | 40 |
| 131 | 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 | 5.7 | 42 |
| 130 | Stabilization of tropical kaolin soil with phosphoric acid and lime. <i>Natural Hazards</i> , 2012 , 61, 931-942 | 2.9 | 37 |

| | | | |
|-----|--|-----|----|
| 129 | Characterization of phosphoric acid- and lime-stabilized tropical lateritic clay. <i>Environmental Earth Sciences</i> , 2011 , 63, 1057-1066 | 2.8 | 37 |
| 128 | Sulphated AlMCM-41: Mesoporous solid Brønsted acid catalyst for dibenzoylation of biphenyl. <i>Catalysis Today</i> , 2006 , 114, 257-262 | 5.2 | 36 |
| 127 | Organosulfonic acid functionalized zeolite ZSM-5 as temperature tolerant proton conducting material. <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 12513-12521 | 6.7 | 35 |
| 126 | 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 | 4.3 | 34 |
| 125 | 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 | 5.6 | 32 |
| 124 | Dynamic degradation of porous magnesium under a simulated environment of human cancellous bone. <i>Corrosion Science</i> , 2016 , 112, 495-506 | 6.7 | 31 |
| 123 | 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 | 3.1 | 30 |
| 122 | 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 | 5.1 | 30 |
| 121 | Photocatalytic remediation of organic waste over Keggin-based polyoxometalate materials: A review. <i>Chemosphere</i> , 2021 , 263, 128244 | 8.4 | 28 |
| 120 | On the location of different titanium sites in TiO ₂ MS-2 and their catalytic role in oxidation of styrene. <i>Catalysis Communications</i> , 2007 , 8, 2007-2011 | 3.1 | 28 |
| 119 | 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 | 3.9 | 28 |
| 118 | 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 | 26 |
| 117 | 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 | 3.4 | 24 |
| 116 | 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 | 5.2 | 22 |
| 115 | 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 | 4.8 | 20 |
| 114 | Hydrophobic fluorinated TiO ₂ -ZrO ₂ as catalyst in epoxidation of 1-octene with aqueous hydrogen peroxide. <i>Materials Letters</i> , 2006 , 60, 2274-2277 | 3.2 | 21 |
| 113 | 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 | 21 |
| 112 | One-pot non-template synthesis of hierarchical ZSM-5 from kaolin source. <i>Solid State Sciences</i> , 2019 , 87, 150-154 | 3.4 | 20 |

| | | | |
|-----|--|------|----|
| 111 | 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 | 3.2 | 20 |
| 110 | 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 | 6.7 | 20 |
| 109 | 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 | 12.7 | 19 |
| 108 | Structure-property relationships of iron-hydroxyapatite ceramic matrix nanocomposite fabricated using mechanosynthesis method. <i>Materials Science and Engineering C</i> , 2015 , 51, 294-9 | 8.1 | 18 |
| 107 | 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 | 3.1 | 19 |
| 106 | Textile/Al ₂ O ₃ -TiO ₂ nanocomposite as an antimicrobial and radical scavenger wound dressing. <i>RSC Advances</i> , 2016 , 6, 8188-8197 | 3.6 | 17 |
| 105 | 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 | 1.8 | 18 |
| 104 | Morphology and BET surface area of phosphoric acid stabilized tropical soils. <i>Engineering Geology</i> , 2013 , 154, 36-41 | 6 | 18 |
| 103 | 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 | | 18 |
| 102 | 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 | 7.9 | 16 |
| 101 | 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 | 2.1 | 17 |
| 100 | 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 | 3.2 | 17 |
| 99 | In Situ Synthesis of Silver Nanoparticles for Ag-NP/Cotton Nanocomposite and Its Bactericidal Effect. <i>Journal of the Chinese Chemical Society</i> , 2017 , 64, 1286-1293 | 1.5 | 14 |
| 98 | Niobium oxide and phosphoric acid impregnated silica-titania as oxidative-acidic bifunctional catalyst. <i>Applied Catalysis A: General</i> , 2014 , 471, 142-148 | 5.1 | 15 |
| 97 | Photocatalytic activity and reusability of ZnO layer synthesised by electrolysis, hydrogen peroxide and heat treatment. <i>Environmental Technology (United Kingdom)</i> , 2016 , 37, 1875-82 | 2.6 | 14 |
| 96 | 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 | 5.2 | 13 |
| 95 | 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 | 14.6 | 13 |
| 94 | Facile Synthesis of Hydroxyapatite Particles from Cockle Shells (<i>Anadara granosa</i>) by Hydrothermal Method. <i>Oriental Journal of Chemistry</i> , 2015 , 31, 1099-1105 | 0.6 | 13 |

| | | | |
|----|--|------|----|
| 93 | Zinc Oxide Nanoparticles-Immobilized Mesoporous Hollow Silica Spheres for Photodegradation of Sodium Dodecylbenzenesulfonate. <i>Australian Journal of Chemistry</i> , 2016 , 69, 790 | 1.2 | 12 |
| 92 | Cation Exchange Capacity of Phosphoric Acid and Lime Stabilized Montmorillonitic and Kaolinitic Soils. <i>Geotechnical and Geological Engineering</i> , 2012 , 30, 1435-1440 | 1.5 | 12 |
| 91 | SEM, XRD and FTIR analyses of both ultrasonic and heat generated activated carbon black microstructures. <i>Heliyon</i> , 2020 , 6, e03546 | 3.6 | 12 |
| 90 | 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 | 0.9 | 12 |
| 89 | 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 | 11 |
| 88 | Physical Properties and Bifunctional Catalytic Performance of Phosphate/Vanadium Impregnated Silicalite/Titanium Aerogel. <i>Catalysis Letters</i> , 2009 , 132, 28-33 | 2.7 | 11 |
| 87 | Hexamethyldisiloxane-modified ZnO-SiO ₂ -coated superhydrophobic textiles for antibacterial application. <i>Journal of the Chinese Chemical Society</i> , 2019 , 66, 594-599 | 1.5 | 10 |
| 86 | 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> , 2015 , 46, 183-190 | 5.2 | 10 |
| 85 | Spectral features and antibacterial properties of Cu-doped ZnO nanoparticles prepared by sol-gel method. <i>Chinese Physics B</i> , 2016 , 25, 077803 | 1.1 | 10 |
| 84 | Modification of Electrical Properties of Silver Nanoparticle 2018 , | | 10 |
| 83 | Fe(III)-salen encapsulated Al-MCM-41 as a catalyst in the polymerisation of bisphenol-A. <i>Solid State Sciences</i> , 2005 , 7, 239-244 | 3.4 | 10 |
| 82 | A new way to control the coordination of titanium (IV) in the sol-gel synthesis of broom fibers-like mesoporous alkyl silicalite/titanium catalyst through addition of water. <i>Chemical Engineering Journal</i> , 2013 , 222, 23-31 | 14.6 | 9 |
| 81 | 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> , 2012 , 20, 85-88 | 3.1 | 9 |
| 80 | Enhancement of Antibacterial Capability of Cotton Textiles Coated with TiO ₂ /BiO ₂ /Chitosan Using Hydrophobization. <i>Journal of the Chinese Chemical Society</i> , 2017 , 64, 1347-1353 | 1.5 | 9 |
| 79 | Alkylsilylated Gold Loaded Magnesium Oxide Aerogel Catalyst in the Oxidation of Styrene. <i>Catalysis Letters</i> , 2009 , 130, 161-168 | 2.7 | 8 |
| 78 | 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, | 0.9 | 7 |
| 77 | Temperature-controlled selectivity in oxidation of 1-octene by using aqueous hydrogen peroxide in phase-boundary catalytic system. <i>Applied Catalysis A: General</i> , 2013 , 460-461, 21-25 | 5.1 | 8 |
| 76 | 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 | 1.5 | 9 |

| | | | |
|----|--|-----|---|
| 75 | Characterization and Catalytic Performance of Niobic Acid Dispersed over Titanium Silicalite. <i>Advances in Materials Science and Engineering</i> , 2008 , 2008, 1-12 | 1.5 | 8 |
| 74 | New method to synthesize mesoporous titania by photodegradation of surfactant template. <i>Solid State Sciences</i> , 2016 , 52, 83-91 | 3.4 | 7 |
| 73 | THE USE OF THE COMBINATION OF FTIR, PYRIDINE ADSORPTION, 27Al AND 29Si MAS NMR TO DETERMINE THE BRÖNSTED AND LEWIS ACIDIC SITES. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016 , 78, | 0.9 | 7 |
| 72 | 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 | 1.5 | 7 |
| 71 | 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 | | 7 |
| 70 | Well-aligned Titanium Dioxide with Very High Length-to-diameter Ratio Synthesized under Magnetic Field. <i>Chemistry Letters</i> , 2012 , 41, 1468-1470 | 1.6 | 6 |
| 69 | Biphasic epoxidation of 1-octene with H ₂ O ₂ catalyzed by amphiphilic fluorinated Ti-loaded zirconia. <i>Journal of Fluorine Chemistry</i> , 2007 , 128, 12-16 | 2.1 | 6 |
| 68 | 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 | 1.8 | 6 |
| 67 | 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 | 6 |
| 66 | 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 | 1.5 | 5 |
| 65 | 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> , 2019 , 66, 705-712 | 1.5 | 5 |
| 64 | A proposed mechanism of action of textile/Al ₂ O ₃ /TiO ₂ bimetal oxide nanocomposite as an antimicrobial agent. <i>Journal of the Textile Institute</i> , 2019 , 110, 791-798 | 1.5 | 3 |
| 63 | 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> , 2017 , 31, e3803 | 1.6 | 5 |
| 62 | Changes in Physical Properties and Molecular Structure of Polystyrene Nanospheres Exposed with Solar Flux 2011 , | | 5 |
| 61 | Enhanced Removal of Soluble and Insoluble Dyes over Hierarchical Zeolites: Effect of Synthesis Condition. <i>Inorganics</i> , 2020 , 8, 52 | 2.8 | 5 |
| 60 | 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 | 1.8 | 5 |
| 59 | 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> , 2005 , 86, 83-89 | | 5 |
| 58 | Physico-Chemical Characterization Of Lime Stabilized Tropical Kaolin Clay. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015 , 72, | 0.9 | 4 |

| | | | |
|----|--|-----|---|
| 57 | 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 | 1.5 | 4 |
| 56 | The improvement of Triboelectric effect of ZnO Nanorods/PAN in flexible Nanogenerator by adding TiO ₂ nanoparticle. <i>Journal of Polymer Research</i> , 2020 , 27, 1 | 2.7 | 3 |
| 55 | 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 | 1.6 | 2 |
| 54 | 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> , 2019 , 20, 130 | 0.7 | 4 |
| 53 | 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 | 2.5 | 3 |
| 52 | 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 ^{4.8} | 4.8 | 3 |
| 51 | Ti ^{IV} phenyl nanoparticles encapsulated in mesoporous silica as active and selective catalyst for the oxidation of alkenes. <i>Catalysis Communications</i> , 2014 , 46, 150-155 | 3.1 | 3 |
| 50 | Manufacturing and Morphological Analysis of Composite Material of Polystyrene Nanospheres/Cadmium Metal Nanoparticles. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2013 , 7, | 1.5 | 3 |
| 49 | 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 |
| 48 | Synthesis and characterization of zeolite NaX from Bangka Belitung Kaolin as alternative precursor. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2018 , 14, 414-418 | 0.7 | 3 |
| 47 | 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 | | 3 |
| 46 | Influence of TiO ₂ /TS-1 Calcination on Hydroxylation of Phenol. <i>Journal of Mathematical and Fundamental Sciences</i> , 2014 , 46, 76-90 | 0.6 | 3 |
| 45 | Bias voltage dependent structure and morphology evolution of magnetron sputtered YSZ thin film: a basic insight. <i>Materials Research Express</i> , 2019 , 6, 106414 | 1.6 | 2 |
| 44 | 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 | 1.7 | 2 |
| 43 | 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> , 2014 , 699, 994-999 | 0.3 | 2 |
| 42 | 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, | 1.5 | 2 |
| 41 | Liquid-gas boundary catalysis by using gold/polystyrene-coated hollow titania. <i>Journal of Colloid and Interface Science</i> , 2013 , 394, 490-7 | 9.1 | 2 |
| 40 | Cation Exchange Capacity Of a Quartz-Rich Soil in an Acidic and Basic Environment. <i>Advanced Materials Research</i> , 2011 , 255-260, 2766-2770 | 0.5 | 2 |

| | | | |
|----|---|-----|---|
| 39 | Effect of Acid Treatment on Silica-Titania Aerogel as Oxidative-Acidic Bifunctional Catalyst. <i>Applied Mechanics and Materials</i> , 2011 , 110-116, 457-464 | 0.3 | 2 |
| 38 | 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 |
| 37 | Friedel-Crafts Alkylation of Resorcinol over Mesoporous Alumina Loaded with Sulfuric Acid. <i>International Journal of Chemical Reactor Engineering</i> , 2010 , 8, | 1.2 | 2 |
| 36 | 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 | 4.7 | 2 |
| 35 | 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 | 1.5 | 2 |
| 34 | Green Synthesized Silver Nanoparticles Immobilized on Activated Carbon Nanoparticles: Antibacterial Activity Enhancement Study and Its Application on Textiles Fabrics. <i>Molecules</i> , 2021 , 26, | 4.7 | 2 |
| 33 | Insight into the bioabsorption of Fe-based materials and their current developments in bone applications. <i>Biotechnology Journal</i> , 2021 , 16, e2100255 | 5.4 | 2 |
| 32 | Degradation-triggered release from biodegradable metallic surfaces. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021 , 109, 2184-2198 | 3.3 | 2 |
| 31 | Selective Hierarchical Aluminosilicates for Acetalization Reaction with Propylene Glycol. <i>Indonesian Journal of Chemistry</i> , 2019 , 19, 975 | 0.7 | 2 |
| 30 | 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, | 0.7 | 2 |
| 29 | 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, | 0.7 | 2 |
| 28 | Direct synthesis of ZSM-5 from kaolin and the influence of organic template. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2017 , 13, | 0.7 | 2 |
| 27 | Synthesis of titania with different shapes 2014 , | | 1 |
| 26 | Formation of Titanium Oxide by Thermal-Electrochemical Process on the Blasted Titanium Alloys Substrate. <i>Advanced Materials Research</i> , 2013 , 650, 12-17 | 0.5 | 1 |
| 25 | Nanosphere Lithography: Fabrication of Periodic Arrays of Nanoholes 2011 , | | 1 |
| 24 | Vinyl-functionalized mesoporous carbon for dispersive micro-solid phase extraction ofazole antifungal agents from aqueous matrices. <i>Separation Science and Technology</i> , 2020 , 55, 3102-3112 | 2.5 | 1 |
| 23 | Synthesis and characterization of CIGS ink by hot injection method 2020 , | | 1 |
| 22 | Developing AR-based ebook for introducing dynamic process of fuel cell 2020 , | | 1 |

| | | | |
|----|--|-----|---|
| 21 | Magnetic field-induced alignment of polybenzimidazole microstructures to enhance proton conduction. <i>Journal of the Chinese Chemical Society</i> , 2021 , 68, 86-94 | 1.5 | 1 |
| 20 | 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 | 3.3 | 1 |
| 19 | 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 | 1.5 | 1 |
| 18 | CATALYTIC PERFORMANCES OF Fe ₂ O ₃ /TS-1 CATALYST IN PHENOL HYDROXYLATION REACTION. <i>Indonesian Journal of Chemistry</i> , 2010 , 10, 149-155 | 0.7 | 1 |
| 17 | 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> , 2019 , 72, 252 | 1.2 | 1 |
| 16 | Annealing temperature induced improved crystallinity of YSZ thin film. <i>Materials Research Express</i> , 2020 , 7, 056406 | 1.6 | 1 |
| 15 | Dehydration and dehydrogenation of cyclohexanol over AlPO ₄ -5 based molecular sieves. <i>Reaction Kinetics and Catalysis Letters</i> , 1999 , 66, 33-38 | | 1 |
| 14 | Negative Effect of Calcination to Catalytic Performance of Coal Char-loaded TiO ₂ Catalyst in Styrene Oxidation with Hydrogen Peroxide as Oxidant. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2018 , 13, 113 | 1.5 | 1 |
| 13 | On Effective Locations of Catalytic Active Sites in Phase Boundary Catalyst. <i>ITB Journal of Science</i> , 2012 , 44, 152-163 | | 1 |
| 12 | Current Status and Outlook of Porous Zn-based Scaffolds for Bone Applications: A Review. <i>Journal of Bionic Engineering</i> , 2022 , 19, 737 | 2.6 | 0 |
| 11 | 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> , 2022 , 18, em2103 | 1.5 | 0 |
| 10 | 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 | 1.5 | 0 |
| 9 | Activated Bledug Kuwu 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 | 1.5 | 0 |
| 8 | 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 | 1.3 | |
| 7 | Breathable nonwoven hygienic products 2021 , 397-420 | | |
| 6 | INCORPORATION OF ACALYPHA INDICA EXTRACT IN POLYVINYL ALCOHOL HYDROGELS: PHYSICO-CHEMICAL, ANTIBACTERIAL AND CELL COMPATIBILITY ANALYSES. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2021 , 83, 57-65 | 0.9 | |
| 5 | Hydrolyzed octadecyltrichlorosilane functionalized with amino acids as heterogeneous enantioselective catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 2009 , 98, 157-164 | | |
| 4 | Bibliometric Analysis of Publications of Universiti Teknologi Malaysia. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2022 , 18, 1-18 | 0.7 | |

- 3 Hierarchical Structure and Magnetic Behavior of Zn-Doped Magnetite Aqueous Ferrofluids Prepared from Natural Sand for Antibacterial Agents. *Anais Da Academia Brasileira De Ciencias*, **2021**, 93, e20200774 1.3
- 2 High voltage powder spray coating as a new method for the preparation of carbon-titania coated stainless steel. *Malaysian Journal of Fundamental and Applied Sciences*, **2017**, 13, 812-816 0.7
- 1 Effect of magnetic field on the synthesis of well-aligned TiO₂-5CB by sol-gel method. *Malaysian Journal of Fundamental and Applied Sciences*, **2017**, 13, 690-692 0.7