

Ahmad Taufiq

List of Publications by Year in descending order

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papers

1,482
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196
docs citations

196
times ranked

1022
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Review of CIGS-based solar cells manufacturing by structural engineering. Solar Energy, 2020, 207, 1146-1157. | 6.1 | 106 |
| 2 | Neutrophil Function in Localized Juvenile Periodontitis: Phagocytosis, Superoxide Production and Specific Granule Release. Journal of Periodontology, 1986, 57, 703-708. | 3.4 | 86 |
| 3 | Nanoscale Clustering and Magnetic Properties of Mn x Fe ₃ O ₄ Particles Prepared from Natural Magnetite. Journal of Superconductivity and Novel Magnetism, 2015, 28, 2855-2863. | 1.8 | 58 |
| 4 | Synthesis of magnetite/silica nanocomposites from natural sand to create a drug delivery vehicle. Heliyon, 2020, 6, e03784. | 3.2 | 47 |
| 5 | Shockley's Equation Fit Analyses for Solar Cell Parameters from I-V Curves. International Journal of Photoenergy, 2018, 2018, 1-7. | 2.5 | 37 |
| 6 | Synthesis and Characterization of Fe ₃ O ₄ /SiO ₂ nanocomposites. IOP Conference Series: Earth and Environmental Science, 2019, 276, 012046. | 0.3 | 36 |
| 7 | Various Magnetic Properties of Magnetite Nanoparticles Synthesized from Iron-Sands by Coprecipitation Method at Room Temperature. Materials Science Forum, 0, 827, 229-234. | 0.3 | 35 |
| 8 | Studies on Nanostructure and Magnetic Behaviors of Mn-Doped Black Iron Oxide Magnetic Fluids Synthesized from Iron Sand. Nano, 2017, 12, 1750110. | 1.0 | 35 |
| 9 | Effect of Growth Time on the Characteristics of ZnO Nanorods. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012050. | 0.6 | 31 |
| 10 | Nano-Structural Studies on Fe ₃ O ₄ Particles Dispersing in a Magnetic Fluid Using X-Ray Diffractometry and Small-Angle Neutron Scattering. Materials Science Forum, 0, 827, 213-218. | 0.3 | 30 |
| 11 | Synthesis of Fe ₃ O ₄ /Ag nanohybrid ferrofluids and their applications as antimicrobial and antifibrotic agents. Heliyon, 2020, 6, e05813. | 3.2 | 30 |
| 12 | Small-Angle X-Ray Scattering Study on PVA/Fe ₃ O ₄ Magnetic Hydrogels. Nano, 2016, 11, 1650027. | 1.0 | 27 |
| 13 | Preparation of MWCNT-Fe ₃ O ₄ Nanocomposites from Iron Sand Using Sonochemical Route. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012013. | 0.6 | 23 |
| 14 | Morphological Modification and Analysis of ZnO Nanorods and Their Optical Properties and Polarization. Scanning, 2018, 2018, 1-8. | 1.5 | 22 |
| 15 | Structure Analysis of Fe ₃ O ₄ @SiO ₂ Core Shells Prepared from Amorphous and Crystalline SiO ₂ Particles. IOP Conference Series: Materials Science and Engineering, 2018, 367, 012010. | 0.6 | 22 |
| 16 | XRD line-broadening characteristics of M-oxides (M=Mg, Mg-Al, Y, Fe) nanoparticles produced by coprecipitation method. AIP Conference Proceedings, 2010, , . | 0.4 | 20 |
| 17 | Magneto-elasticity in hydrogels containing Fe ₃ O ₄ nanoparticles and their potential applications. AIP Conference Proceedings, 2013, , . | 0.4 | 20 |
| 18 | Synthesis, Investigation on Structural and Magnetic Behaviors of Spinel M-Ferrite [M = Fe; Zn; Mn] Nanoparticles from Iron Sand. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012052. | 0.6 | 20 |

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|----|--|-----|-----------|
| 19 | Structural, Optical, and Antifungal Characters of Zinc Oxide Nanoparticles Prepared by Sol-gel Method. <i>Journal of Physics: Conference Series</i> , 2018, 1093, 012001. | 0.4 | 20 |
| 20 | <i>Islamic Crash Course</i> as a Leadership Strategy of School Principals in Strengthening School Organizational Culture. <i>SAGE Open</i> , 2018, 8, 215824401879984. | 1.7 | 20 |
| 21 | Moderate-Intensity Exercise and Musical Co-Treatment Decreased the Circulating Level of Betatrophin. <i>International Journal of Endocrinology</i> , 2020, 2020, 1-9. | 1.5 | 20 |
| 22 | The Effect of Annealing Temperature of ZnO Compact Layer and TiO ₂ Mesoporous on Photo-Supercapacitor Performance. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 515, 012006. | 0.6 | 19 |
| 23 | Exploring Structural Properties of Cobalt Ferrite Nanoparticles from Natural Sand. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 515, 012047. | 0.6 | 18 |
| 24 | Comparison on tribological properties of vegetable oil upon addition of carbon based nanoparticles. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 206, 012043. | 0.6 | 16 |
| 25 | Contributions of TMAH Surfactant on Hierarchical Structures of PVA/Fe ₃ O ₄ "TMAH Ferrogels by Using SAXS Instrument. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 2206-2212. | 3.7 | 16 |
| 26 | Preparation of Superparamagnetic Fe ₃ O ₄ Nanoparticles from Iron Sand Mediated by Soft Template and Their Performance as Antibacterial Agent. <i>Journal of Magnetism</i> , 2018, 23, 337-344. | 0.4 | 16 |
| 27 | Effect of TiO ₂ Nanoparticles on Conductivity and Thermal Stability of PANI-TiO ₂ /Glass Composite Film. <i>Journal of Physics: Conference Series</i> , 2018, 1011, 012065. | 0.4 | 15 |
| 28 | Performance of Pterocarpus Indicus Willd Leaf Extract as Natural Dye TiO ₂ -Dye/ITO DSSC. <i>Materials Today: Proceedings</i> , 2019, 17, 1268-1276. | 1.8 | 15 |
| 29 | Microwave absorption performance of barium hexaferrite multi-nanolayers. <i>Materials Express</i> , 2020, 10, 1328-1336. | 0.5 | 15 |
| 30 | Antibacterial Performance of Fe ₃ O ₄ /PEG-4000 Prepared by Co-precipitation Route. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 515, 012085. | 0.6 | 14 |
| 31 | Dependence of PEO content in the preparation of Fe ₃ O ₄ /PEO/TMAH ferrofluids and their antibacterial activity. <i>Journal of Polymer Research</i> , 2020, 27, 1. | 2.4 | 14 |
| 32 | Fabrication of Magnetite Nanoparticles Dispersed in Olive Oil and Their Structural and Magnetic Investigations. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 202, 012008. | 0.6 | 13 |
| 33 | Green Synthesis of Magnetite Nanostructures from Naturally Available Iron Sands via Sonochemical Method. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 311-317. | 3.2 | 13 |
| 34 | Functional Group and Magnetic Properties of Fe ₃ O ₄ Ferrofluids: The Impact of Dispersion Agent Composition. <i>Journal of Physics: Conference Series</i> , 2018, 1093, 012010. | 0.4 | 13 |
| 35 | Microstructure and dielectric properties of cellulose acetate-ZnO/ITO composite films based on water hyacinth. <i>Journal of Physics: Conference Series</i> , 2017, 853, 012047. | 0.4 | 12 |
| 36 | Effect of Precursor Concentration Ratio on The Crystal Structure, Morphology, and Band Gap of ZnO Nanorods. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 202, 012074. | 0.6 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Fabrication of Mn ₁ Zn Fe ₂ O ₄ ferrofluids from natural sand for magnetic sensors and radar absorbing materials. Heliyon, 2020, 6, e04577. | 3.2 | 12 |
| 38 | Effects of Various Sintering Conditions on the Structural and Magnetic Properties of Zinc Ferrite (ZnFe ₂ O ₄). Materials Research, 2021, 24, . | 1.3 | 12 |
| 39 | The Effect of Thickness of ZnO Thin Films on Hydrophobic Self-Cleaning Properties. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012006. | 0.6 | 11 |
| 40 | The Effect of Growth Temperature on The Characteristics Of ZnO Nanorods And Its Optical Properties. Journal of Physics: Conference Series, 2018, 1057, 012005. | 0.4 | 11 |
| 41 | The synthesis of Fe ₃ O ₄ /MWCNT nanocomposites from local iron sands for electrochemical sensors. AIP Conference Proceedings, 2018, , . | 0.4 | 11 |
| 42 | Composites of Fe ₃ O ₄ /SiO ₂ from Natural Material Synthesized by Co-Precipitation Method. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012057. | 0.6 | 10 |
| 43 | Crystallinity and Electrical Conductivity of PANI-Ag/Ni Film: The Role of Ultrasonic and Silver Doped. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012005. | 0.6 | 10 |
| 44 | Preparation of Fe ₃ O ₄ /OA/DMSO Ferrofluids using a Double Surfactant System as Antifungal Materials Candidate. IOP Conference Series: Materials Science and Engineering, 0, 515, 012029. | 0.6 | 10 |
| 45 | The new identity of Indonesian Islamic boarding schools in the "new normal" the education leadership response to COVID-19. Heliyon, 2021, 7, e06549. | 3.2 | 10 |
| 46 | Analysis of Distribution of Polyvinyl Alcohol Hydrogel Nanocrystalline by using SAXS Synchrotron. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012041. | 0.6 | 9 |
| 47 | Investigation on the Three-Dimensional Nanostructure and the Optical Properties of Hydroxyapatite/Magnetite Nanocomposites Prepared from Natural Resources. Journal of the Korean Physical Society, 2019, 75, 708-715. | 0.7 | 9 |
| 48 | The Effect of PANI Fraction on Photo Anode Based on TiO ₂ -PANI /ITO DSSC with β -carotene as Dye Sensitizer on its Structure, Absorbance, and Efficiency. Materials Today: Proceedings, 2019, 17, 1197-1209. | 1.8 | 9 |
| 49 | Studies on Density, Corrosion Rate and Hardness Characteristics of Stainless Steel Implanted by Nitrogen Ion. IOP Conference Series: Materials Science and Engineering, 0, 515, 012018. | 0.6 | 9 |
| 50 | Synthesis and characterization of TiO ₂ /ZnO-Ag@TiO ₂ nanocomposite and their performance as photoanode of organic Dye-Sensitized Solar Cell. Materials Today: Proceedings, 2021, 44, 3395-3399. | 1.8 | 9 |
| 51 | Effect of Template on Structural and Band Gap Behaviors of Magnetite Nanoparticles. Journal of Physics: Conference Series, 2018, 1093, 012020. | 0.4 | 8 |
| 52 | Phase Transition of SiO ₂ Nanoparticles Prepared from Natural Sand: The Calcination Temperature Effect. Journal of Physics: Conference Series, 2018, 1093, 012025. | 0.4 | 8 |
| 53 | Synthesis and Characterization of ZnO Nanorods by Hydrothermal Methods and Its Application on Perovskite Solar Cells. Journal of Physics: Conference Series, 2018, 1093, 012012. | 0.4 | 8 |
| 54 | Preparation and Characterization of Magnetite Nanoparticles Combined with Polyaniline and Activated Carbon. IOP Conference Series: Earth and Environmental Science, 2019, 276, 012041. | 0.3 | 8 |

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|----|--|-----|-----------|
| 55 | Phase and Magnetic Properties of Fe ₃ O ₄ /SiO ₂ Natural Materials-Based Using Polyethylene Glycol Media. IOP Conference Series: Materials Science and Engineering, 0, 515, 012017. | 0.6 | 8 |
| 56 | Excellent antimicrobial performance of co-doped magnetite double-layered ferrofluids fabricated from natural sand. Journal of King Saud University - Science, 2020, 32, 3032-3038. | 3.5 | 8 |
| 57 | Effect of ZnO and Annealing on the Hydrophobic Performance of x(ZnO)-CA-PLA. Journal of Physics: Conference Series, 2018, 1093, 012003. | 0.4 | 7 |
| 58 | <i>Moringa oleifera</i> Leaf Powder Madura Variety: Characterization and Biomaterials Property for Biomedical and Nanotechnology Application. Journal of Physics: Conference Series, 2018, 1093, 012007. | 0.4 | 7 |
| 59 | Nanostructure, Band Gap, and Antibacterial Activity of Spinel Fe ₂ MO ₄ /OO Magnetic Fluids. IOP Conference Series: Earth and Environmental Science, 2019, 276, 012064. | 0.3 | 7 |
| 60 | Investigation of structural, magnetic and antibacterial activities of Cr _x Fe _{3-3x} O ₄ ferrofluids. Molecular Crystals and Liquid Crystals, 2019, 694, 60-72. | 0.9 | 7 |
| 61 | Preparation and Characterization of Magnetite/PEG Nanoparticles Combined with Curcumin for Drug Delivery Application. Key Engineering Materials, 2020, 855, 299-307. | 0.4 | 7 |
| 62 | Magneto-thermal behavior of Mn _x Fe _{3-x} O ₄ -PVA/PVP magnetic hydrogel and its potential application. AIP Conference Proceedings, 2020, . . | 0.4 | 7 |
| 63 | Study of Nanostructural, Electrical, and Optical Properties of Mn _{0.6} Fe _{2.4} O ₄ “PEG/PVP/PVA Ferrogels for Optoelectronic Applications. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 4278-4288. | 3.7 | 7 |
| 64 | Green synthesis of CrFe ₂ O ₄ nanoparticles using Cucumis sativus as a natural surfactant. Materials Today: Proceedings, 2021, 44, 3221-3224. | 1.8 | 7 |
| 65 | Excellent Antimicrobial Activity of Fe ₃ O ₄ /SiO ₂ /Ag Nanocomposites. Nano, 2021, 16, 2150049. | 1.0 | 7 |
| 66 | Novel Magnetically Interconnected Micro/Macroporous Structure of Monolithic Porous Carbon Adsorbent Derived from Sodium Alginate and Wasted Black Liquor and Its Adsorption Performance**. Journal of Renewable Materials, 2021, 9, 1059-1074. | 2.2 | 7 |
| 67 | Effects of DMSO Content on the Optical Properties, Liquid Stability, and Antimicrobial Activity of Fe ₃ O ₄ /OA/DMSO Ferrofluids. Nano, 2020, 15, 2050067. | 1.0 | 7 |
| 68 | Effect of Fe ₃ O ₄ on the Electro-Optic and Magneto-Electric Characteristics of (PANI/Fe ₃ O ₄)-Ag Film. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012062. | 0.6 | 6 |
| 69 | The effect of Mn doping on nano structure and magnetic properties of Mn _x Fe _{3-x} O ₄ -PEG/PVP/PVA based ferrogel. Journal of Polymer Research, 2020, 27, 1. | 2.4 | 6 |
| 70 | Investigation of magnetic properties and anti-microbial activity of Mn _{0.25} Fe _{2.75} O ₄ /Ag composites. AIP Conference Proceedings, 2020, . . | 0.4 | 6 |
| 71 | The effect of Mn ₂ O ₃ nanoparticles on its specific capacitance of symmetric supercapacitors FC-ZnO-x(Mn ₂ O ₃). Materials Today: Proceedings, 2021, 44, 3355-3360. | 1.8 | 6 |
| 72 | Fabrication of New Fe ₃ O ₄ /PVA/(C ₆ H ₇ O ₆ Na) _n Nanohybrid Ferrogels for Antibacterial Applications. Materials Research, 2021, 24, . | 1.3 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Acute Interval and Continuous Moderate Intensity Exercise Enhanced Circadian Thermogenic Activity through Browning related Genes in Obese Adolescent Female. Malaysian Journal of Fundamental and Applied Sciences, 2021, 17, 566-581. | 0.8 | 6 |
| 74 | Natural Silica Sand/Alumina Ceramic Composites: Promising Candidates for Fuel-Cell Sealants. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012060. | 0.6 | 5 |
| 75 | Effectivity of Black Tea Polyphenol in Adipogenesis Related IGF-1 and Its Receptor Pathway Through In Silico Based Study. Journal of Physics: Conference Series, 2018, 1093, 012037. | 0.4 | 5 |
| 76 | Development of PVA/Fe ₃ O ₄ as Smart Magnetic Hydrogels for Biomedical Applications. , 2018, , . | | 5 |
| 77 | Structural Characterization of Ni/ZrO ₂ /SiO ₂ Nanocomposites Prepared by Wet Impregnation Route. IOP Conference Series: Materials Science and Engineering, 0, 515, 012014. | 0.6 | 5 |
| 78 | Identification of Nanostructural and Specific Absorption Rate (SAR) on Mn _{0.25} Fe _{2.75} O ₄ /Ag Nanoparticle Composites. IOP Conference Series: Earth and Environmental Science, 2019, 276, 012062. | 0.3 | 5 |
| 79 | Structural and Magnetic Behaviours of Magnetite/Polyvinyl Alcohol Composite Nanofibers. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012081. | 0.6 | 5 |
| 80 | Low-Temperature Synthesis of δ -SiC (6H-SiC) Nanoparticles with Magnesium Catalyst. Materials Today: Proceedings, 2019, 17, 1451-1457. | 1.8 | 5 |
| 81 | Effects of ZnO nanoparticles on the antifungal performance of Fe ₃ O ₄ /ZnO nanocomposites prepared from natural sand. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2020, 11, 045004. | 1.5 | 5 |
| 82 | Preparation of Superparamagnetic Zn _{0.5} Mn _{0.5} Fe ₂ O ₄ Particle by Coprecipitation-Sonochemical Method for Radar Absorbing Material. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012024. | 0.6 | 4 |
| 83 | Optical Properties of Fe ₃ O ₄ Magnetic Fluid from Iron Sand. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012054. | 0.6 | 4 |
| 84 | The Growth of ZnO Nanorods on Stainless-steel foils and Its Application for Piezoelectric Nanogenerator. Journal of Physics: Conference Series, 2018, 1093, 012004. | 0.4 | 4 |
| 85 | Fabrication of PAN/ZnO Nanofibers by Electrospinning as Piezoelectric Nanogenerator. Journal of Physics: Conference Series, 2018, 1093, 012024. | 0.4 | 4 |
| 86 | Investigation of Magnetic Properties and Mechanical Responses on Hydrogel-TMAH-Magnetite. IOP Conference Series: Materials Science and Engineering, 2018, 367, 012025. | 0.6 | 4 |
| 87 | Deformation of Ferrogel Based on Carboxyl Methyl Cellulose (CMC)/Polyvinyl Alcohol (PVA) Hydrogel. IOP Conference Series: Materials Science and Engineering, 2018, 367, 012016. | 0.6 | 4 |
| 88 | Identification of high school studentsâ€™ problem-solving skills on rotational dynamics. Journal of Physics: Conference Series, 2019, 1171, 012028. | 0.4 | 4 |
| 89 | Complex Permittivity, Permeability and Microwave Absorption Studies of Double Layer Magnetic Absorbers Based on BaFe ₁₂ O ₁₉ and BaFe ₁₀ CoZnO ₁₉ . Materials Science Forum, 2019, 966, 302-307. | 0.3 | 4 |
| 90 | Enhanced Microwave Absorbing Capabilities of Multilayer Absorbers Based on BaFe ₁₂ O ₁₉ and Fe ₃ O ₄ . Materials Science Forum, 2019, 966, 338-343. | 0.3 | 4 |

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|-----|---|-----|-----------|
| 91 | Structural, Magnetic, Optical and Antibacterial Properties of Magnetite Ferrofluids with PEG-20000 Template. <i>Materials Today: Proceedings</i> , 2019, 17, 1728-1735. | 1.8 | 4 |
| 92 | Contribution of ZnO/TiO ₂ nanocomposite particles towards bacterial growth inhibition. <i>AIP Conference Proceedings</i> , 2021, , . | 0.4 | 4 |
| 93 | The influence of iron- and copper- doped of PANi thin film on their structure and dielectric properties. , 2012, , . | | 3 |
| 94 | Spinel-structured Nanoparticles for Magnetic and Mechanical Applications. , 0, , . | | 3 |
| 95 | The Attenuation of Physical-Physiological Stresses through Musical-High Intensity Exercise Co-Treatment in Non-Athlete Individual. <i>Journal of Physics: Conference Series</i> , 2018, 1093, 012026. | 0.4 | 3 |
| 96 | Synthesis and Characterization of $\text{Al}^{3+}/\text{SiO}_2$ Composite Materials. <i>Journal of Physics: Conference Series</i> , 2018, 1093, 012015. | 0.4 | 3 |
| 97 | Growth of $\text{CH}_3\text{NH}_3\text{PbI}_3$ Perovskite on Stainless Steel Substrate Layered by ZnO Nanoparticles Using One-Step Spin Coating Route. <i>Journal of Physics: Conference Series</i> , 2018, 1011, 012011. | 0.4 | 3 |
| 98 | Nanostructure Analysis for Microwave Absorption Properties of Fe ₃ O ₄ Particles by Symmetry Top Rotational Molecular Model. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 367, 012009. | 0.6 | 3 |
| 99 | Investigation of Structural and Antifungal Behaviors of Nano-Sized Anatase Titanium Dioxide Synthesized by Co-Precipitation Route. <i>Materials Science Forum</i> , 2019, 966, 181-188. | 0.3 | 3 |
| 100 | Structural Characterizations of Magnetite/Zinc Oxide Nanocomposites Prepared by Co-precipitation Method. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 515, 012076. | 0.6 | 3 |
| 101 | Magnetocapacitance of FC-ATiO ₃ (A = Ba, Ca, Sr) for supercapacitor electrode. <i>AIP Conference Proceedings</i> , 2020, , . | 0.4 | 3 |
| 102 | The effect of Zn doping on thermal properties and antimicrobial of Zn _x Fe _{2-x} O ₃ nanoparticles. <i>AIP Conference Proceedings</i> , 2020, , . | 0.4 | 3 |
| 103 | Preparation of Fe ₃ O ₄ /MWCNT nanocomposite combined with titanium dioxide using sonochemical and precipitation methods. <i>AIP Conference Proceedings</i> , 2020, , . | 0.4 | 3 |
| 104 | Temperature effect on crystal structures, morphological shapes, and functional groups of zinc oxide. <i>AIP Conference Proceedings</i> , 2020, , . | 0.4 | 3 |
| 105 | Magnetic field detection using fiber bundle and magnetic fluid as sensors. <i>Microwave and Optical Technology Letters</i> , 2021, 63, 975-979. | 1.4 | 3 |
| 106 | Effects of the Annealing Temperature on the Structure Evolution and Antifungal Performance of TiO ₂ /Fe ₃ O ₄ Nanocomposites Manufactured from Natural Sand. <i>Nano</i> , 2021, 16, 2150017. | 1.0 | 3 |
| 107 | The effect of Ag nanoparticles in Ag/polyvinyl alcohol nanofiber composites. <i>Polymer Bulletin</i> , 2022, 79, 555-568. | 3.3 | 3 |
| 108 | The influence of light intensity on the performance of FTO/TiO ₂ -ZnO- β -carotene-quercetin/carbon/Al/PVDF-BaTiO ₃ /Al photosupercapacitors. <i>Materials Today: Proceedings</i> , 2021, 44, 3390-3394. | 1.8 | 3 |

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|-----|--|-----|-----------|
| 109 | Preparation of molecular sieve from natural pyrophyllite and characterization of its Al/Si ratio, crystal structure, and Porosity. Journal of Physics: Conference Series, 2017, 853, 012037. | 0.4 | 2 |
| 110 | Preparation and Structural Characterization of Nanosized PVA/Fe ₃ O ₄ Fibers. Journal of Physics: Conference Series, 2018, 1093, 012040. | 0.4 | 2 |
| 111 | Electrospinning \hat{I}^2 -SiC fibers from SiC nanoparticles dispersed in various polymer solutions as the electrospinning agents. Journal of Physics: Conference Series, 2018, 1011, 012013. | 0.4 | 2 |
| 112 | Nanostructural Characters of \hat{I}^2 -SiC Nanoparticles Prepared from Indonesian Natural Resource using Sonochemical Method. Journal of Physics: Conference Series, 2018, 1011, 012066. | 0.4 | 2 |
| 113 | Preparation, Structural and Dielectric Behaviors of CoxMn1-xMn2O4 (0 \hat{a} % \hat{x} \hat{a} % 1) Nanoparticles. IOP Conference Series: Materials Science and Engineering, 2018, 367, 012050. | 0.6 | 2 |
| 114 | The Characterization of Green Materials of Moringa oleifera Leaf Powder (MOLP) from Madura Island with Different Preparation Methods. IOP Conference Series: Earth and Environmental Science, 2019, 276, 012005. | 0.3 | 2 |
| 115 | Concentration Effect of Ferrofluids in Ferrogels on Their Magnetic and Magneto-elasticity Behaviors. Materials Today: Proceedings, 2019, 17, 1720-1727. | 1.8 | 2 |
| 116 | Effect of Immersion Cycle on Photoelectrochemical Properties of Cu2O Thin Films on Stainless Steel Substrate Prepared by Chemical Bath Deposition Method. Materials Today: Proceedings, 2019, 13, 193-198. | 1.8 | 2 |
| 117 | Sonochemical-Assisted Coprecipitation Synthesis of Body-Centered Tetragonal Mn3O4 Spinel Nanostructures Using Polyethylene Glycol Template Agent. IOP Conference Series: Earth and Environmental Science, 2019, 276, 012058. | 0.3 | 2 |
| 118 | The Influence of Alternating Magnetic Field Frequency on Magneto-Thermal Behavior of Mn0.25Fe2.75O4@PANI Material. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012035. | 0.6 | 2 |
| 119 | The effect of Zn-acetate molar variation on phase formation and photocatalytic degradation activity of Fe ₃ O ₄ /ZnO core-shell nanocomposite. Molecular Crystals and Liquid Crystals, 2019, 694, 49-59. | 0.9 | 2 |
| 120 | Green synthesis of Fe3O4 nanoparticles based on biosurfactant Saccharum officinarum extract. AIP Conference Proceedings, 2020, , . | 0.4 | 2 |
| 121 | Adsorption Properties of Magnetic Sorbent Mn _{0.25} Fe _{2.75} O ₄ @SiO ₂ for Mercury Removal. Key Engineering Materials, 0, 851, 197-204. | | 2 |
| 122 | Effect of Polyaniline on Structural and Optical Characteristics of Fe ₃ O ₄ and TiO ₂ Nanoparticles. Key Engineering Materials, 0, 851, 9-15. | 0.4 | 2 |
| 123 | Graphene from glucose coated silica sand for water purification applications. AIP Conference Proceedings, 2020, , . | 0.4 | 2 |
| 124 | Exploring magnetic properties and antimicrobial activities of Co _{0.4} Fe _{2.6} O ₄ ferrofluids using olive oil as dispersant agent. AIP Conference Proceedings, 2020, , . | 0.4 | 2 |
| 125 | The analysis of students'™ problem-solving ability in the 5E learning cycle with formative e-assessment. AIP Conference Proceedings, 2020, , . | 0.4 | 2 |
| 126 | Facile synthesis of \hat{I}^{\pm} -Fe2O3/TiO2 multiphase nanohybrid particles from local iron sand as antifungal agent. AIP Conference Proceedings, 2020, , . | 0.4 | 2 |

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|-----|---|-----|-----------|
| 127 | Application of teaching materials based on 7E-STEM learning cycle to improve student's problem solving skills. AIP Conference Proceedings, 2020, , . | 0.4 | 2 |
| 128 | Synthesis and characterization of CIGS ink by hot injection method. AIP Conference Proceedings, 2020, , . | 0.4 | 2 |
| 129 | Optical properties of Fe _{2.15} Zn _{0.85} O ₄ -PEG/CMC/PVA ferrogel. AIP Conference Proceedings, 2020, , . | 0.4 | 2 |
| 130 | Synthesis of magnetic fluid based on local iron sand using natural surfactants and their potential as hyperthermia therapy. AIP Conference Proceedings, 2021, , . | 0.4 | 2 |
| 131 | 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. | 0.8 | 2 |
| 132 | Characterization of Fe ₃ O ₄ /rGO Composites from Natural Sources: Application for Dyes Color Degradation in Aqueous Solution. International Journal of Engineering, Transactions A: Basics, 2020, 33, . | 0.4 | 2 |
| 133 | A Study on Phase and Microstructure of Reduced Graphene Oxide Prepared by Heating Corncobs. JPSE (Journal of Physical Science and Engineering), 2020, 5, 66-70. | 0.2 | 2 |
| 134 | Influence of External Magnetic Field on Potential Differences of Long Josephson Junction. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012091. | 0.6 | 1 |
| 135 | The Role of Fe ₂ O ₃ and Light Induced on Dielectric Properties of Borosilicate Glass. Journal of Physics: Conference Series, 2017, 846, 012007. | 0.4 | 1 |
| 136 | Optimization of Freezing-Thawing Process in Enhancing Magnetic Properties of Fe ₃ O ₄ /PAA/PVA Magnetic Hydrogel Composites. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012007. | 0.6 | 1 |
| 137 | Crystalline Phase Analysis and Thermal Expansion Coefficient Calculation of Quartz-Sand/Corundum Composites. Journal of Physics: Conference Series, 2018, 1093, 012041. | 0.4 | 1 |
| 138 | Effect of Polyethylene Glycol (PEG) on Particle Distribution of Mn _{0.25} Fe _{2.75} O ₄ -PEG 6000 Nanoparticles. Journal of Physics: Conference Series, 2018, 1093, 012005. | 0.4 | 1 |
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