# Mohammed Khairy

List of Publications by Year
in descending order



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|---|---|---|---|
| 29 papers | 936 citations | 471061 17 h-index | 476904 29 g-index |
| 29 all docs | 29 docs citations | 29 times ranked | 1246 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Synthesis, characterization, antibacterial, anticancer, and densityâ€functional theory studies of nanoâ€metal (II) oxime complexes. Applied Organometallic Chemistry, 2022, 36, . | 1.7 | 4 |
| 2 | Photocatalytic activity of nitrogen and copper doped TiO2 nanoparticles prepared by microwave-assisted sol-gel process. Arabian Journal of Chemistry, 2020, 13, 86-95. | 2.3 | 79 |
| 3 | Thermodynamic and Thermal Properties of Solvation for Nano Nickel Ferrite and Nano Zinc Ferrite Prepared by the Solâ€"Gel Method in Different CH3COOH Concentrations at Different Temperatures. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 417-426. | 1.9 | 5 |
| 4 | P-n junction based Ag2O@Ag@Coated functionalized carbon nanotubes and their efficient visible-light photocatalytic reduction performances. Microporous and Mesoporous Materials, 2020, 292, 109734. | 2.2 | 9 |
| 5 | Structural and Electrical Characterization of Ba/ZnO Nanoparticles Fabricated by Co-precipitation. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 2633-2644. | 1.9 | 26 |
| 6 | Electrical and Electrochemical Behavior of Binary Li4Ti5O12â€"Polyaniline Composite. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 3158-3169. | 1.9 | 6 |
| 7 | Structural, electrical and electrochemical properties of ZnO nanoparticles synthesized using dry and wet chemical methods. Advanced Powder Technology, 2020, 31, 1333-1341. | 2.0 | 10 |
| 8 | Influence of preparation method on structural, optical, magnetic, and adsorption properties of nano-NiFe2O4. Environmental Science and Pollution Research, 2019, 26, 21484-21494. | 2.7 | 9 |
| 9 | Zinc oxide incorporated carbon nanotubes or graphene oxide nanohybrids for enhanced sonophotocatalytic degradation of methylene blue dye. Applied Surface Science, 2019, 487, 539-549. | 3.1 | 81 |
| 10 | Effect of annealing temperature and Ag contents on the catalytic activity and supercapacitor performances of Ag@Ag2O/RGO nanocomposites. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2019, 242, 90-103. | 1.7 | 18 |
| 11 | Photovoltaic and capacitance performance of low-resistance ZnO nanorods incorporated into carbon nanotube-graphene oxide nanocomposites. Electrochimica Acta, 2019, 307, 430-441. | 2.6 | 21 |
| 12 | Comparative studies on the impact of synthesis methods on structural, optical, magnetic and catalytic properties of CuFe2O4. Ceramics International, 2019, 45, 6535-6540. | 2.3 | 42 |
| 13 | Nitrogen Graphene: A New and Exciting Generation of Visible Light Driven Photocatalyst and Energy Storage Application. ACS Omega, 2018, 3, 1801-1814. | 1.6 | 28 |
| 14 | Polyethylene glycol assisted one-pot hydrothermal synthesis of NiWO4/WO3 heterojunction for direct Methanol fuel cells. Electrochimica Acta, 2018, 263, 286-298. | 2.6 | 22 |
| 15 | Dispersed Ag2O/Ag on CNT-Graphene Composite: An Implication for Magnificent Photoreduction and Energy Storage Applications. Frontiers in Chemistry, 2018, 6, 250. | 1.8 | 15 |
| 16 | Dye-Sensitized Solar Cells Based on an N-Doped TiO2 and TiO2-Graphene Composite Electrode. Journal of Electronic Materials, 2018, 47, 6241-6250. | 1.0 | 11 |
| 17 | Nanostructured ferrite/graphene/polyaniline using for supercapacitor to enhance the capacitive behavior. Journal of Solid State Electrochemistry, 2017, 21, 995-1005. | 1.2 | 41 |
| 18 | High-performance hybrid supercapacitor based on pure and doped Li4Ti5O12 and graphene. Journal of Solid State Electrochemistry, 2017, 21, 873-882. | 1.2 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Surfactant-assisted formation of silver titanates as active catalysts for methanol electro-oxidation. Applied Catalysis A: General, 2017, 547, 205-213. | 2.2 | 14 |
| 20 | Activity and stability studies of titanates and titanate-carbon nanotubes supported Ag anode catalysts for direct methanol fuel cell. Journal of Power Sources, 2016, 304, 255-265. | 4.0 | 38 |
| 21 | SnO<sub>2</sub>(Î²-Bi<sub>2</sub>O<sub>3</sub>)/Bi<sub>2</sub>Sn<sub>2</sub>O<sub>7</sub> nanohybrids doped with Pt and Pd nanoparticles: applications in visible light photocatalysis, electrical conductivity and dye-sensitized solar cells. Physical Chemistry Chemical Physics, 2015, 17, 21716-21728. | 1.3 | 23 |
| 22 | Electrical and optical properties of nickel ferrite/polyaniline nanocomposite. Journal of Advanced Research, 2015, 6, 555-562. | 4.4 | 137 |
| 23 | Synthesis, characterization, magnetic and electrical properties of polyaniline/NiFe2O4 nanocomposite. Synthetic Metals, 2014, 189, 34-41. | 2.1 | 99 |
| 24 | Polyanilineâ€“Zn0.2Mn0.8 Fe2O4 ferrite coreâ€“shell composite: Preparation, characterization and properties. Journal of Alloys and Compounds, 2014, 608, 283-291. | 2.8 | 49 |
| 25 | Characterization and photo-chemical applications of nano-ZnO prepared by wet chemical and thermal decomposition methods. Materials Research Bulletin, 2013, 48, 4576-4582. | 2.7 | 16 |
| 26 | Electrical properties of fast ion conducting silver based borate glasses: Application in solid battery. Journal of Alloys and Compounds, 2013, 569, 150-155. | 2.8 | 31 |
| 27 | Structural features and photocatalytic behavior of titania and titania supported vanadia synthesized by polyol functionalized materials. Microporous and Mesoporous Materials, 2008, 109, 445-457. | 2.2 | 15 |
| 28 | Synthesis of microâ€“mesoporous TiO2 materials assembled via cationic surfactants: Morphology, thermal stability and surface acidity characteristics. Microporous and Mesoporous Materials, 2007, 103, 174-183. | 2.2 | 44 |
| 29 | Synthesis and structural characterization of TiO2 and V2O5/TiO2 nanoparticles assembled by the anionic surfactant sodium dodecyl sulfate. Microporous and Mesoporous Materials, 2006, 97, 66-77. | 2.2 | 31 |