# Noor Haida Mohd Kaus

List of Publications by Year
in descending order

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Version: 2024-02-01

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|---|---|---|---|
| 48 papers | 4,016 citations | 430874 18 h-index | 223800 46 g-index |
| 49 all docs | 49 docs citations | 49 times ranked | 6477 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Review on Zinc Oxide Nanoparticles: Antibacterial Activity and Toxicity Mechanism. Nano-Micro Letters, 2015, 7, 219-242. | 27.0 | 2,782 |
| 2 | Magnetic nanocellulose alginate hydrogel beads as potential drug delivery system. International Journal of Biological Macromolecules, 2018, 118, 640-648. | 7.5 | 200 |
| 3 | Synthesis of NiO Nanoparticles through Sol-gel Method. Procedia Chemistry, 2016, 19, 626-631. | 0.7 | 131 |
| 4 | Green synthesis of mesoporous anatase TiO<sub>2</sub>nanoparticles and their photocatalytic activities. RSC Advances, 2017, 7, 48083-48094. | 3.6 | 118 |
| 5 | Photocatalysis for Organic Wastewater Treatment: From the Basis to Current Challenges for Society. Catalysts, 2020, 10, 1260. | 3.5 | 82 |
| 6 | Photocatalytic degradation of ciprofloxacin in aqueous media: a short review. Toxicological and Environmental Chemistry, 2018, 100, 518-539. | 1.2 | 53 |
| 7 | The photocatalytic potential of BiOBr for wastewater treatment: A mini-review. Journal of Environmental Chemical Engineering, 2021, 9, 105404. | 6.7 | 53 |
| 8 | The Influence of pluronic F68 and F127 nanocarrier on physicochemical properties, in vitro release, and antiproliferative activity of thymoquinone drug. Pharmacognosy Research (discontinued), 2017, 9, 12. | 0.6 | 51 |
| 9 | Facile green synthesis of ytrium-doped BiFeO3 with highly efficient photocatalytic degradation towards methylene blue. Ceramics International, 2019, 45, 15964-15973. | 4.8 | 44 |
| 10 | Synthesis of Titanium Dioxide (TiO2)/Reduced Graphene Oxide (rGO) thin film composite by spray pyrolysis technique and its physical properties. Materials Science in Semiconductor Processing, 2020, 116, 105140. | 4.0 | 36 |
| 11 | Preferential cytotoxicity of ZnO nanoparticle towards cervical cancer cells induced by ROS-mediated apoptosis and cell cycle arrest for cancer therapy. Journal of Nanoparticle Research, 2016, 18, 1. | 1.9 | 29 |
| 12 | Effects of precursor concentrations on the optical and morphological properties of ZnO nanorods on glass substrate for UV photodetector. Superlattices and Microstructures, 2017, 111, 536-545. | 3.1 | 29 |
| 13 | SiO2-Rich Sugar Cane Bagasse Ash Catalyst for Transesterification of Palm Oil. Bioenergy Research, 2020, 13, 986-997. | 3.9 | 29 |
| 14 | Room-temperature synthesis of flower-like BiOBr/Bi2S3 composites for the catalytic degradation of fluoroquinolones using indoor fluorescent light illumination. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 585, 124069. | 4.7 | 28 |
| 15 | Conductivity studies and ion transport mechanism in Lilâ€“Li3PO4 solid electrolyte. Ionics, 2009, 15, 197-201. | 2.4 | 27 |
| 16 | Effective Strategies, Mechanisms, and Photocatalytic Efficiency of Semiconductor Nanomaterials Incorporating rGO for Environmental Contaminant Degradation. Catalysts, 2021, 11, 302. | 3.5 | 27 |
| 17 | Influence of yttrium doping on the photocatalytic activity of bismuth oxybromide for ciprofloxacin degradation using indoor fluorescent light illumination. Research on Chemical Intermediates, 2018, 44, 5357-5376. | 2.7 | 25 |
| 18 | Immobilization of BiOBr into cellulose acetate matrix as hybrid film photocatalyst for facile and multicycle degradation of ciprofloxacin. Journal of Alloys and Compounds, 2020, 843, 155990. | 5.5 | 24 |

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|---|---|---|---|
| 19 | BiFeO3 immobilized within liquid natural rubber-based hydrogel with enhanced adsorption-photocatalytic performance. International Journal of Biological Macromolecules, 2021, 182, 1495-1506. | 7.5 | 20 |
| 20 | Room-temperature synthesis of Bi/BiOBr composites for the catalytic degradation of ciprofloxacin using indoor fluorescent light illumination. Journal of Materials Science: Materials in Electronics, 2019, 30, 6263-6276. | 2.2 | 19 |
| 21 | Relationship between dissolution temperature and properties of oil palm biomass based-regenerated cellulose films prepared via ionic liquid. Materials Chemistry and Physics, 2019, 221, 382-389. | 4.0 | 19 |
| 22 | Experimental and First-Principles Investigations of Lattice Strain Effect on Electronic and Optical Properties of Biotemplated BiFeO<sub>3</sub> Nanoparticles. Journal of Physical Chemistry C, 2016, 120, 26012-26020. | 3.1 | 16 |
| 23 | Synthesis and Characterization of PLGA-PEG Thymoquinone Nanoparticles and Its Cytotoxicity Effects in Tamoxifen-Resistant Breast Cancer Cells. Advances in Experimental Medicine and Biology, 2018, 1292, 65-82. | 1.6 | 15 |
| 24 | Chitosan-assisted hydrothermal synthesis of multiferroic BiFeO3: Effects on structural, magnetic and optical properties. Results in Physics, 2019, 15, 102740. | 4.1 | 15 |
| 25 | Visible Light Photocatalytic Activity of BiFeO3 Nanoparticles for Degradation of Methylene Blue. Journal of Physical Science, 2017, 28, 85-103. | 0.9 | 13 |
| 26 | Novel Pluronic Fâ€127â€coated <scp>ZnO</scp> nanoparticles: Synthesis, characterization, and their inâ€vitro cytotoxicity evaluation. Polymers for Advanced Technologies, 2021, 32, 2541-2551. | 3.2 | 12 |
| 27 | Formulation, Characterization and Cytotoxicity Effects of Novel Thymoquinone-PLGA-PF68 Nanoparticles. International Journal of Molecular Sciences, 2021, 22, 9420. | 4.1 | 12 |
| 28 | Interactions of nanoparticles with purple membrane films. Journal of Materials Chemistry, 2012, 22, 15635. | 6.7 | 11 |
| 29 | The effect of substrate temperatures on the structural and conversion of thin films of reduced graphene oxide. Physica B: Condensed Matter, 2019, 572, 296-301. | 2.7 | 10 |
| 30 | Room-temperature in situ synthesis of BiOBr/Bi2O3 composites for the catalytic degradation of ciprofloxacin using indoor fluorescent light illumination. SN Applied Sciences, 2019, 1, 1. | 2.9 | 10 |
| 31 | Photocatalytic heterostructures-based BiFeO3 embedded liquid natural rubber (LNR) for highly removal of cationic dye under direct sunlight. Journal of Environmental Chemical Engineering, 2020, 8, 104152. | 6.7 | 10 |
| 32 | Remarkable Catalytic Activity of CMC/BiFeO3 Nanocomposite Film for the Degradation of Methyl Orange Under Direct Sunlight Radiation. Journal of Physical Science, 2019, 30, 23-40. | 0.9 | 9 |
| 33 | Controlled growth of BiFeO3 nanoparticles in the presence of alginate template for adsorptive removal of different dyes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 615, 126294. | 4.7 | 8 |
| 34 | Assembly of poly(methacrylate)/purple membrane lamellar nanocomposite films by intercalation and in situ polymerisation. Journal of Materials Chemistry, 2010, 20, 9037. | 6.7 | 7 |
| 35 | Insitu X-ray reflectivity studies of molecular and molecular-cluster intercalation within purple membrane films. Journal of Materials Chemistry C, 2014, 2, 5447-5452. | 5.5 | 6 |
| 36 | Isolation and characterization of regenerated cellulose films using microcrystalline cellulose from oil palm empty fruit bunch with an ionic liquid. BioResources, 2020, 15, 8268-8290. | 1.0 | 6 |

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|---|---|---|---|
| 37 | Ionic conductivity in poly (L-leucine)1,3-diamino propane-lithium iodide solid polymer electrolyte. Polymers for Advanced Technologies, 2009, 20, 156-160. | 3.2 | 5 |
| 38 | Physico-Mechanical Study of CMC/BFO/PoPD Nanocomposite Films Reinforced with Cellulose Nanocrystals (CNCMCC) for Effective Photocatalytic Removal of Methyl Orange. Journal of Composites Science, 2021, 5, 142. | 3.0 | 5 |
| 39 | Synthesis and electrochemical performance of LiV3O8/graphene for aqueous lithium batteries. Ionics, 2020, 26, 2277-2292. | 2.4 | 4 |
| 40 | Spectral aging of gold and silver nanoparticles synthesized by laser ablation in liquids. Journal of Nanophotonics, 2019, 13, 1. | 1.0 | 4 |
| 41 | Growth and Structural Properties of Graphene Oxide Thin Film with Spray Pyrolysis Technique. IOP Conference Series: Materials Science and Engineering, 2018, 409, 012007. | 0.6 | 3 |
| 42 | Preliminary Synthesis of Calcium Silicates using Oil Palm Leaves and Eggshells.. Bulletin of Chemical Reaction Engineering and Catalysis, 2020, 15, 561-567. | 1.1 | 3 |
| 43 | The Role of Montmorillonite Loading on the Physicochemical Properties of Regenerated Cellulose Nanocomposite Films Obtained from Microcrystalline Cellulose. Journal of Physical Science, 2020, 31, 85-103. | 0.9 | 2 |
| 44 | Facile route of biopolymer mediated ferrocene (FO) nanoparticles in aqueous dispersion. AIP Conference Proceedings, 2014, , . | 0.4 | 1 |
| 45 | Physico-chemical characteristics of ZnO nanoparticles-based discs and toxic effect on human cervical cancer HeLa cells. , 2014, , . | | 1 |
| 46 | Efficient Visible-Light-Driven Perovskites Photocatalysis: Design, Modification and Application. Green Chemistry and Sustainable Technology, 2022, , 357-398. | 0.7 | 1 |
| 47 | ID:2024 Synthesis and Characterization of PLGA-PEG Thymoquinone Nanoparticle and its Cytotoxicity Effects in Tamoxifen-resistant Breast Cancer Cells. Biomedical Research and Therapy, 2017, 4, 55. | 0.6 | 1 |
| 48 | Synthesis of LiV<sub>3</sub>O<sub>8</sub> Materials using Oxalic Acid as Chelating Agent. Journal of Physics: Conference Series, 2018, 1082, 012035. | 0.4 | 0 |