

# Muhammad Zahid

## List of Publications by Citations

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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.

124  
papers

1,477  
citations

19  
h-index

35  
g-index

135  
ext. papers

2,261  
ext. citations

3.6  
avg, IF

5.53  
L-index

| #   | Paper  | IF  | Citations |
|-----|--|-----|-----------|
| 124 | Response surface methodology application in optimization of cadmium adsorption by shoe waste: A good option of waste mitigation by waste. <i>Ecological Engineering</i> , <b>2016</b> , 88, 265-275  | 3.9 | 128       |
| 123 | Biogenic synthesis, characterization and investigation of photocatalytic and antimicrobial activity of manganese nanoparticles synthesized from Cinnamomum verum bark extract. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1179, 532-539 | 3.4 | 106       |
| 122 | Possible applications of coal fly ash in wastewater treatment. <i>Journal of Environmental Management</i> , <b>2019</b> , 240, 27-46   | 7.9 | 101       |
| 121 | A Comprehensive Review on Polymeric Nano-Composite Membranes for Water Treatment. <i>Journal of Membrane Science &amp; Technology</i> , <b>2018</b> , 08,  |     | 95        |
| 120 | Investigation of structural and optoelectronic properties of BaThO <sub>3</sub> . <i>Optical Materials</i> , <b>2011</b> , 33, 553-557   | 3.3 | 87        |
| 119 | Graphene oxide decorated ZnWO <sub>4</sub> architecture synthesis, characterization and photocatalytic activity evaluation. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 285, 778-789   | 6   | 57        |
| 118 | Enhanced photodegradation of methylene blue with alkaline and transition-metal ferrite nanophotocatalysts under direct sun light irradiation. <i>Journal of the Chinese Chemical Society</i> , <b>2019</b> , 66, 402-408                           | 1.5 | 51        |
| 117 | Chromium adsorption using waste tire and conditions optimization by response surface methodology. <i>Journal of Environmental Chemical Engineering</i> , <b>2017</b> , 5, 2740-2751  | 6.8 | 50        |
| 116 | Hydrothermal synthesis of molybdenum trioxide, characterization and photocatalytic activity. <i>Materials Research Bulletin</i> , <b>2018</b> , 100, 120-130   | 5.1 | 39        |
| 115 | Removal of Actacid Orange-RL Dye Using Biocomposites: Modeling Studies. <i>Polish Journal of Environmental Studies</i> , <b>2017</b> , 26, 2125-2134   | 2.3 | 36        |
| 114 | Degradation of reactive dye using heterogeneous photo-Fenton catalysts: ZnFe <sub>2</sub> O <sub>4</sub> and GO-ZnFe <sub>2</sub> O <sub>4</sub> composite. <i>Materials Research Express</i> , <b>2020</b> , 7, 015519                            | 1.7 | 33        |
| 113 | Morphological changes and antioxidative capacity of jute ( <i>Corchorus capsularis</i> , Malvaceae) under different color light-emitting diodes. <i>Revista Brasileira De Botanica</i> , <b>2019</b> , 42, 581-590                                 | 1.2 | 31        |
| 112 | Fabrication of reduced graphene oxide (RGO) and nanocomposite with thermoplastic polyurethane (TPU) for EMI shielding application. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2020</b> , 31, 967-974                       | 2.1 | 28        |
| 111 | Degradation of acetamiprid using graphene-oxide-based metal (Mn and Ni) ferrites as Fenton-like photocatalysts. <i>Water Science and Technology</i> , <b>2020</b> , 81, 178-189  | 2.2 | 25        |
| 110 | A robust approach towards green synthesis of polyaniline-Scenedesmus biocomposite for wastewater treatment applications. <i>Materials Research Express</i> , <b>2019</b> , 6, 055308   | 1.7 | 24        |
| 109 | MnFe <sub>2</sub> O <sub>4</sub> /coal fly ash nanocomposite: a novel sunlight-active magnetic photocatalyst for dye degradation. <i>International Journal of Environmental Science and Technology</i> , <b>2020</b> , 17, 4233-4248               | 3.3 | 22        |
| 108 | Theoretical investigation of supramolecular hydrogen-bonded choline chloride-based deep eutectic solvents using density functional theory. <i>Chemical Physics Letters</i> , <b>2021</b> , 769, 138427   | 2.5 | 22        |

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| 107 | Subcritical and supercritical water oxidation for dye decomposition. <i>Journal of Environmental Management</i> , <b>2021</b> , 290, 112605   | 7.9 | 20 |
| 106 | UV-Accelerated Photocatalytic Degradation of Pesticide over Magnetite and Cobalt Ferrite Decorated Graphene Oxide Composite. <i>Plants</i> , <b>2020</b> , 10,  | 4.5 | 19 |
| 105 | Fe <sub>3</sub> O <sub>4</sub> -GO composite as efficient heterogeneous photo-Fenton catalyst to degrade pesticides. <i>Materials Research Express</i> , <b>2019</b> , 6, 015608  | 1.7 | 19 |
| 104 | Sunlight-driven photocatalytic degradation of rhodamine B dye by Ag/FeWO <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> composites. <i>International Journal of Environmental Science and Technology</i> , <b>2021</b> , 18, 927-938   | 3.3 | 19 |
| 103 | Cobalt-Iron nanoparticles encapsulated in mesoporous carbon nanosheets: A one-pot synthesis of highly stable electrocatalysts for overall water splitting. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 5234-5249  | 6.7 | 17 |
| 102 | First Principle Insight into the Structural, Optoelectronic, Half Metallic, and Mechanical Properties of Cubic Perovskite NdInO <sub>3</sub> . <i>Arabian Journal for Science and Engineering</i> , <b>2020</b> , 45, 4967-4974   | 2.5 | 16 |
| 101 | Synthesis and photophysical properties of 2,6-dicyano-p-phenylenediamine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2011</b> , 220, 54-63   | 4.7 | 15 |
| 100 | Synthesis of CoCrFeO-chitosan beads sun-light-driven photocatalyst with well recycling for efficiently degrading high-concentration dyes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 236, 118314  | 4.4 | 15 |
| 99  | Recent developments for antimicrobial applications of graphene-based polymeric composites: A review. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2021</b> , 100, 40-58  | 6.3 | 15 |
| 98  | Metal Ferrites and Their Graphene-Based Nanocomposites: Synthesis, Characterization, and Applications in Wastewater Treatment. <i>Nanotechnology in the Life Sciences</i> , <b>2019</b> , 181-212   | 1.1 | 14 |
| 97  | Effect on the EMI Shielding Properties of Cobalt Ferrites and Coal-Fly-Ash Based Polymer Nanocomposites. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2020</b> , 33, 3519-3524  | 1.5 | 14 |
| 96  | Bimetallic NiCo <sub>2</sub> LiCoO <sub>2</sub> nano-heterostructures embedded on copper foam as a self-supported bifunctional electrode for water oxidation and hydrogen production in alkaline media. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 18936-18948                                       | 6.7 | 13 |
| 95  | Improved photocatalytic degradation of dye using coal fly ash-based zinc ferrite (CFA/ZnFe <sub>2</sub> O <sub>4</sub> ) composite. <i>International Journal of Environmental Science and Technology</i> , <b>2021</b> , 1  | 3.3 | 11 |
| 94  | Platinum and cobalt intermetallic nanoparticles confined within MIL-101(Cr) for enhanced selective hydrogenation of the carbonyl bond in $\alpha$ -unsaturated aldehydes: synergistic effects of electronically modified Pt sites and Lewis acid sites. <i>Catalysis Science and Technology</i> , <b>2021</b> , 11, 2433-2445 | 5.5 | 11 |
| 93  | Solar driven photocatalytic degradation potential of novel graphitic carbon nitride based nano zero-valent iron doped bismuth ferrite ternary composite. <i>Optical Materials</i> , <b>2021</b> , 120, 111408   | 3.3 | 11 |
| 92  | Deep eutectic solvents as alternative green solvents for the efficient desulfurization of liquid fuel: A comprehensive review. <i>Fuel</i> , <b>2021</b> , 305, 121502  | 7.1 | 11 |
| 91  | Synthesis of Pt supported on mesoporous g-C <sub>3</sub> N <sub>4</sub> modified by ammonium chloride and its efficiently selective hydrogenation of furfural to furfuryl alcohol. <i>Applied Surface Science</i> , <b>2020</b> , 528, 146983   | 6.7 | 10 |
| 90  | M-Type Barium Hexaferrite-Based Nanocomposites for EMI Shielding Application: a Review. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2021</b> , 34, 1019-1045   | 1.5 | 10 |

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|----|--|-----|----|
| 89 | PVC based flexible nanocomposites with the incorporation of Polyaniline and Barium Hexa-Ferrite nanoparticles for the shielding against EMI, NIR, and thermal imaging cameras. <i>Synthetic Metals</i> , <b>2021</b> , 277, 116773                                       | 3.6 | 10 |
| 88 | Investigating the Antibacterial Activity of Polymeric Membranes Fabricated with Aminated Graphene Oxide. <i>Membranes</i> , <b>2021</b> , 11,  | 3.8 | 10 |
| 87 | DFT Study for the Spectroscopic and Structural Analysis of p-Dimethylaminoazobenzene. <i>Journal of Spectroscopy</i> , <b>2018</b> , 2018, 1-15  | 1.5 | 10 |
| 86 | Coal fly ash-based copper ferrite nanocomposites as potential heterogeneous photocatalysts for wastewater remediation. <i>Applied Surface Science</i> , <b>2021</b> , 565, 150542  | 6.7 | 10 |
| 85 | Environmentally Friendly Extraction of Bioactive Compounds from Mentha arvensis Using Deep Eutectic Solvent as Green Extraction Media. <i>Polish Journal of Environmental Studies</i> , <b>2020</b> , 29, 3749-3757 <sup>2,3</sup>                                       |     | 9  |
| 84 | Pd/Mo2N-TiO2 as efficient catalysts for promoted selective hydrogenation of 4-nitrophenol: A green bio-reducing preparation method. <i>Journal of Catalysis</i> , <b>2020</b> , 391, 190-201   | 7.3 | 9  |
| 83 | Fabrication and characterization of PVC based flexible nanocomposites for the shielding against EMI, NIR, and thermal imaging signals. <i>Results in Physics</i> , <b>2021</b> , 24, 104183  | 3.7 | 9  |
| 82 | Investigation of role of urea in morphologically controlled synthesis of calcium-bismuth bimetallic nanoparticles from chicken egg shells and its catalytic and fuel additive applications. <i>Journal of the Chinese Chemical Society</i> , <b>2019</b> , 66, 1628-1640 | 1.5 | 8  |
| 81 | Development of Hydrogels with the Incorporation of L. Seed Extract in Sodium Alginate for Wound-Healing Application. <i>Gels</i> , <b>2021</b> , 7,  | 4.2 | 8  |
| 80 | Absorption and fluorescence emission attributes of a fluorescent dye: 2,3,5,6-tetracyano-p-hydroquinone. <i>Journal of Fluorescence</i> , <b>2013</b> , 23, 829-37   | 2.4 | 7  |
| 79 | Synthesis and photocatalytic degradation of rhodamine B using ternary zeolite/WO/FeO composite. <i>Nanotechnology</i> , <b>2021</b> , 32,  | 3.4 | 7  |
| 78 | Potent mutagenicity in the Ames test of 2-cyano-4-nitroaniline and 2,6-dicyano-4-nitroaniline, components of disperse dyes. <i>Environmental and Molecular Mutagenesis</i> , <b>2016</b> , 57, 10-6  | 3.2 | 7  |
| 77 | Green extraction of ethnomedicinal compounds from Cymbopogon citratus Stapf using hydrogen-bonded supramolecular network. <i>Separation Science and Technology</i> , <b>2021</b> , 56, 1520-1533   | 2.5 | 7  |
| 76 | Hybrid nanomaterials for water purification <b>2020</b> , 155-188  |     | 6  |
| 75 | Theoretical investigation of X2NaIO6 (X= Pb,Sr) double perovskites for thermoelectric and optoelectronic applications. <i>Physica B: Condensed Matter</i> , <b>2022</b> , 630, 413694  | 2.8 | 6  |
| 74 | G-C3N4/Ag@CoWO4: A novel sunlight active ternary nanocomposite for potential photocatalytic degradation of rhodamine B dye. <i>Journal of Physics and Chemistry of Solids</i> , <b>2022</b> , 161, 110437  | 3.9 | 6  |
| 73 | Theoretical Study of the Reverse Roll Coating of Non-Isothermal Magnetohydrodynamics Viscoplastic Fluid. <i>Coatings</i> , <b>2020</b> , 10, 940   | 2.9 | 6  |
| 72 | Thermodynamic and kinetic approach of biodiesel production from waste cooking oil using nano-catalysts. <i>Zeitschrift Fur Physikalische Chemie</i> , <b>2020</b> ,  | 3.1 | 6  |

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| 71 | Polyaniline-based nanocomposites for electromagnetic interference shielding applications: A review. <i>Journal of Thermoplastic Composite Materials</i> ,089270572110224   | 1.9 | 6 |
| 70 | Antioxidants: Natural Antibiotics <b>2019</b> ,  |     | 5 |
| 69 | Nanostructured Molecularly Imprinted Photonic Polymers for Sensing Applications. <i>Current Nanoscience</i> , <b>2020</b> , 16, 495-503  | 1.4 | 5 |
| 68 | Recent developments in textile based polymeric smart sensor for human health monitoring: A review. <i>Arabian Journal of Chemistry</i> , <b>2022</b> , 15, 103480  | 5.9 | 5 |
| 67 | Reporting effective extraction methodology and chemical characterization of bioactive components of under explored <i>Platycladus orientalis</i> (L.) Franco from semi-arid climate. <i>Natural Product Research</i> , <b>2019</b> , 33, 1237-1242 | 2.3 | 5 |
| 66 | Analysis of the lubrication approximation theory in the calendering/sheeting process of upper convected Jeffery material. <i>Journal of Plastic Film and Sheeting</i> , <b>2021</b> , 37, 128-159  | 2.4 | 5 |
| 65 | Tuning the Nanoporous Structure of Carbons Derived from the Composite of Cross-Linked Polymers for Charge Storage Applications. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 1763-1773   | 6.1 | 5 |
| 64 | Ion-Imprinted Polymer-Based Receptors for Sensitive and Selective Detection of Mercury Ions in Aqueous Environment. <i>Journal of Sensors</i> , <b>2018</b> , 2018, 1-6  | 2   | 5 |
| 63 | Biosorption of Drimarine Blue HF-RL using raw, pretreated, and immobilized peanut hulls. <i>Desalination and Water Treatment</i> , <b>2014</b> , 52, 7339-7353   |     | 4 |
| 62 | Variations in the Physicochemical Profile of Khushab Coal under Various Environmental Conditions. <i>Polish Journal of Environmental Studies</i> , <b>2018</b> , 27, 987-992   | 2.3 | 4 |
| 61 | Mathematical Analysis of Pseudoplastic Polymers during Reverse Roll-Coating. <i>Polymers</i> , <b>2020</b> , 12,   | 4.5 | 4 |
| 60 | Sustainable Development of Chitosan/-Based Hydrogels to Stimulate Formation of Granulation Tissue and Angiogenesis in Wound Healing Applications. <i>Molecules</i> , <b>2021</b> , 26,   | 4.8 | 4 |
| 59 | First principle insight on physical characteristics of Mn doped BeS compound. <i>Materials Science in Semiconductor Processing</i> , <b>2021</b> , 127, 105697   | 4.3 | 4 |
| 58 | Role of polymeric nanocomposite membranes for the removal of textile dyes from wastewater <b>2021</b> , 91-103   |     | 4 |
| 57 | Photocatalytic polymeric composites for wastewater treatment <b>2021</b> , 467-490   |     | 4 |
| 56 | Fabrication and Characterization of Sulfonated Graphene Oxide (SGO) Doped PVDF Nanocomposite Membranes with Improved Anti-Biofouling Performance. <i>Membranes</i> , <b>2021</b> , 11,   | 3.8 | 4 |
| 55 | Tailoring electrical and thermal properties of polymethyl methacrylate-carbon nanotubes composites through polyaniline and dodecyl benzene sulphonic acid impregnation. <i>Polymer Composites</i> , <b>2018</b> , 39, E1052-E1059                  | 3   | 3 |
| 54 | Fenton and Photo-Fenton Oxidation for the Remediation of Textile Effluents: An Experimental Study <b>2019</b> , 235-251  |     | 3 |

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|----|--|-----|---|
| 53 | Use of hydrogen-bonded supramolecular eutectic solvents for eco-friendly extraction of bioactive molecules from <i>Cymbopogon citratus</i> using Box-Behnken design. <i>Journal of Food Measurement and Characterization</i> , <b>2021</b> , 15, 1487-1498 | 2.8 | 3 |
| 52 | Photocatalytic degradation of methylene blue using polyaniline-based silver-doped zinc sulfide (PANI-Ag/ZnS) composites. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 1   | 5.1 | 3 |
| 51 | Experimental and statistical analysis of dielectric barrier discharge plasma effect on sonochemically TiO <sub>2</sub> coated cotton fabric using complete composite design. <i>Current Applied Physics</i> , <b>2021</b> , 31, 158-170                    | 2.6 | 3 |
| 50 | Composite of polypyrrole with sugarcane bagasse cellulosic biomass and adsorption efficiency for 2,4-dichlorophenoxy acetic acid in column mode. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 15, 2016-2025                         | 5.5 | 3 |
| 49 | Sonophotocatalytic degradation of organic pollutant under visible light over Pt decorated CeO <sub>2</sub> : Role of ultrasonic waves for unprecedented degradation. <i>Journal of Molecular Structure</i> , <b>2022</b> , 1247, 131397                    | 3.4 | 3 |
| 48 | Physical characteristics of X <sub>2</sub> NaMoBr <sub>6</sub> (X= K, Rb): A DFT study. <i>Materials Science in Semiconductor Processing</i> , <b>2022</b> , 147, 106760   | 4.3 | 3 |
| 47 | CFD Modeling and Experimental Validation of a Solar Still. <i>MATEC Web of Conferences</i> , <b>2017</b> , 131, 02010  | 0.3 | 2 |
| 46 | Effect of solvent polarity and temperature on the spectral and thermodynamic properties of exciplexes of 1-cyanonaphthalene with hexamethylbenzene in organic solvents. <i>Journal of Luminescence</i> , <b>2014</b> , 153, 12-20                          | 3.8 | 2 |
| 45 | A Mechanistic Study of Photoinduced Electron Transfer from Triplet Erythrosin to Various Quinones Using Time Resolved Absorption and ESR-CIDEP Measurements. <i>Zeitschrift Fur Physikalische Chemie</i> , <b>2014</b> , 228, 301-324                      | 3.1 | 2 |
| 44 | Spectral and thermodynamic properties for the exciplexes of N-alkyl carbazoles with dicyanobenzenes in THF. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 118, 138-45                                       | 4.4 | 2 |
| 43 | Preparation and Evaluation of Polymer-Based Ultrasound Gel and Its Application in Ultrasonography.. <i>Gels</i> , <b>2022</b> , 8,   | 4.2 | 2 |
| 42 | Applications of graphene-based tungsten oxide nanocomposites: a review. <i>Journal of Nanostructure in Chemistry</i> , 1   | 7.6 | 2 |
| 41 | Coal fly ash supported CoFeO nanocomposites: Synergetic Fenton-like and photocatalytic degradation of methylene blue. <i>Environmental Research</i> , <b>2021</b> , 206, 112280  | 7.9 | 2 |
| 40 | Production and Evaluation of Fractionated Tamarind Seed Oil Methyl Esters as a New Source of Biodiesel. <i>Energies</i> , <b>2021</b> , 14, 7148   | 3.1 | 2 |
| 39 | Ultrasound-assisted deep eutectic solvent-based extraction of phytochemicals from <i>Mentha arvensis</i> : optimization using Box-Behnken design. <i>Biomass Conversion and Biorefinery</i> , 1  | 2.3 | 2 |
| 38 | Fabrication and Characterization of Sulfonated Graphene Oxide-Doped Polymeric Membranes with Improved Anti-Biofouling Behavior. <i>Membranes</i> , <b>2021</b> , 11,   | 3.8 | 2 |
| 37 | Physical characteristics of barium based cubic perovskites. <i>Chemical Physics Letters</i> , <b>2021</b> , 779, 138835  | 2.5 | 2 |
| 36 | Facile fabrication of TiO <sub>2</sub> with 3D hierarchical structure and its supported Pd catalysts for high catalytic hydrogenation performance of 4-Nitrophenol to 4-Aminophenol. <i>Applied Surface Science</i> , <b>2021</b> , 566, 150615            | 6.7 | 2 |



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| 35 | Applications of coagulation-flocculation and nanotechnology in water treatment <b>2021</b> , 533-558  |      | 2 |
| 34 | Inter-annual variability and distribution of aerosols during winters and aerosol optical thickness over Northeastern Pakistan. <i>International Journal of Environmental Science and Technology</i> , <b>2020</b> , 1   | 3.3  | 1 |
| 33 | Grass-derived carbon nanodots as a fluorescent-sensing platform for label-free detection of Cu (II) ions. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2022</b> , 33, 5626                        | 2.1  | 1 |
| 32 | Assessment of the metal contamination index in groundwater of the quaternary of the Middle Kert Basin, north-eastern Morocco. <i>Environmental Quality Management</i> ,   | 0.8  | 1 |
| 31 | Prospects of nanocomposite membranes for water treatment by pressure-driven membrane processes <b>2020</b> , 237-256  |      | 1 |
| 30 | Applications of nanomaterials in water remediation: A note from the Editors <b>2021</b> , 1-10  |      | 1 |
| 29 | Fabrication of visible light active Mn-doped BiWO <sub>4</sub> -GO/MoS heterostructure for enhanced photocatalytic degradation of methylene blue. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 1 | 5.1  | 1 |
| 28 | Mixed metal ferrite (MnZnFeO) intercalated g-CNnanocomposite: efficient sunlight driven photocatalyst for methylene blue degradation. <i>Nanotechnology</i> , <b>2021</b> , 32,   | 3.4  | 1 |
| 27 | Structural, morphological, dielectric and magnetic properties of Ba <sub>1-x</sub> Cr <sub>x</sub> Fe <sub>12</sub> O <sub>19</sub> M type hexaferrites. <i>Physica Scripta</i> ,                                       | 2.6  | 1 |
| 26 | Silver-doped ternary compounds for wastewater remediation <b>2021</b> , 623-653   |      | 1 |
| 25 | Silver-doped metal ferrites for wastewater treatment <b>2021</b> , 599-622  |      | 1 |
| 24 | Wastewater remediation using coal fly ash nanocomposites <b>2021</b> , 159-184  |      | 1 |
| 23 | Preparation of Polyvinylidene Fluoride Nano-Filtration Membranes Modified with Functionalized Graphene Oxide for Textile Dye Removal.. <i>Membranes</i> , <b>2022</b> , 12,   | 3.8  | 1 |
| 22 | Electromagnetic interference shielding study in microwave and NIR regions by highly efficient Ag/ZnS and polyaniline-Ag/ZnS particles. <i>Journal of Thermoplastic Composite Materials</i> ,089270572110649             | 1.9  | 1 |
| 21 | A comprehensive review of template-assisted porous carbons: Modern preparation methods and advanced applications. <i>Materials Science and Engineering Reports</i> , <b>2022</b> , 149, 100682                          | 30.9 | 1 |
| 20 | Spectroscopic studies of interactions of 2-(2-Oxo-2-Phenylethyl)-1, 2-benzisothiazol-3(2H)-one-1, 1-dioxide with human DNA. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1196, 403-408                         | 3.4  | 0 |
| 19 | Investigation of Ce doped BaTiO <sub>3</sub> compound for optoelectronic devices. <i>Physica B: Condensed Matter</i> , <b>2022</b> , 631, 413714  | 2.8  | 0 |
| 18 | Physical characteristics of vanadium-doped SrTiO <sub>3</sub> compound. <i>European Physical Journal Plus</i> , <b>2022</b> , 137, 1  | 3.1  | 0 |

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|----|---|-----|---|
| 17 | Assessment of the physico-chemical and bacteriological quality of groundwater in the Kert Plain, northeastern Morocco. <i>International Journal of Energy and Water Resources</i> ,1                  | 2.2 | ○ |
| 16 | Investigation of Fe-Doped Graphitic Carbon Nitride-Silver Tungstate as a Ternary Visible Light Active Photocatalyst. <i>Journal of Chemistry</i> , <b>2021</b> , 2021, 1-18                           | 2.3 | ○ |
| 15 | Role of silver nanoparticles in fluorimetric determination of urea in urine samples.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2022</b> , 271, 120889        | 4.4 | ○ |
| 14 | Influence of magnetohydrodynamics and heat transfer on the reverse roll coating of a Jeffrey fluid: A theoretical study. <i>Journal of Plastic Film and Sheeting</i> ,875608792110296                 | 2.4 | ○ |
| 13 | Modification of cotton fabric for textile dyeing: industrial mercerization versus gamma irradiation. <i>Journal of the Textile Institute</i> , <b>2016</b> , 1-7                                      | 1.5 | ○ |
| 12 | Enzymatic glycosylation of menthol: optimization of synthesis and extraction processes using response surface methodology and biological evaluation of synthesized product. <i>Chemical Papers</i> ,1 | 1.9 | ○ |
| 11 | First principle insight on Mn doped BeTe compound for optoelectronic and spintronic applications. <i>Physica Scripta</i> , <b>2022</b> , 97, 045702   | 2.6 | ○ |
| 10 | Eco-friendly elimination of organic pollutants from water using graphene oxide assimilated magnetic nanoparticles adsorbent. <i>Inorganic Chemistry Communication</i> , <b>2022</b> , 139, 109422     | 3.1 | ○ |
| 9  | Electronic, optical and magnetic characteristics of V doped BeS. <i>Physica Scripta</i> , <b>2022</b> , 97, 065807  | 2.6 | ○ |
| 8  | Quantum mechanical modeling unveils the effect of substitutions on the activation barriers of the Diels-Alder reactions of an antiviral compound 7H-benzo[a]phenalene. <i>Structural Chemistry</i> ,1 | 1.8 | ○ |
| 7  | The salinity origin and hydrogeochemical evolution of groundwater in the Oued Kert basin, north-eastern of Morocco. <i>Scientific African</i> , <b>2022</b> , 16, e01226                              | 1.7 | ○ |
| 6  | Physical properties of KTaO3 compound for optoelectronic and thermoelectric applications: A DFT study. <i>Materials Science in Semiconductor Processing</i> , <b>2022</b> , 148, 106811               | 4.3 | ○ |
| 5  | Prospects of nanocomposite membranes in commercial scale <b>2020</b> , 457-473  |     |   |
| 4  | Curcumin-based bionanocomposites <b>2020</b> , 233-257  |     |   |
| 3  | Metal oxide-based ternary nanocomposites for wastewater treatment <b>2021</b> , 135-158   |     |   |
| 2  | Nanotechnology: A smart translation of ingredients in the agriculture industry <b>2021</b> , 47-65  |     |   |
| 1  | Poly(Vinyl Alcohol) (PVA)-Based Treatment Technologies in the Remediation of Dye-Containing Textile Wastewater. <i>Sustainable Textiles</i> , <b>2022</b> , 1-21                                      | 1.1 |   |