

Arif Ali

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

329
citations

840776

11
h-index

888059

17
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23
all docs

23
docs citations

23
times ranked

179
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Efficient adsorption and facile photocatalytic degradation of organic dyes over H-bonded proton-transfer complex: An experimental and theoretical approach. <i>Journal of Molecular Liquids</i> , 2022, 347, 117951. | 4.9 | 16 |
| 2 | Vibrational Spectroscopy, Quantum Computational and Molecular Docking Studies on 2-[(1 <i>H</i> -Benzimidazol-1-yl)-methyl]benzoic Acid. <i>Crystals</i> , 2022, 12, 337. | 2.2 | 4 |
| 3 | Synthesis, crystal structure, characterization, Hirshfeld analysis, molecular docking and DFT calculations of 5-Phenylamino-isophthalic acid: A good NLO material. <i>Journal of Molecular Structure</i> , 2022, 1261, 132791. | 3.6 | 23 |
| 4 | Exploiting the biological potential of Zn(II) complex derived from zwitterionic Schiff base: DNA binding and cytotoxicity activity against human cervical cancer. <i>Chemical Papers</i> , 2022, 76, 5177-5186. | 2.2 | 4 |
| 5 | Crystal structure and Hirshfeld surface analysis of 2,4,6-triaminopyrimidine-1,3-dium dinitrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022, 78, 669-674. | 0.5 | 3 |
| 6 | Construction of a 3D Metal-Organic Framework and Its Composite for Water Remediation via Selective Adsorption and Photocatalytic Degradation of Hazardous Dye. <i>ACS Omega</i> , 2022, 7, 24438-24451. | 3.5 | 20 |
| 7 | A zinc(II) metal-organic complex based on 2-(2-aminophenyl)-1 <i>H</i> -benzimidazole ligand: Exhibiting high adsorption capacity for aromatic hazardous dyes and catecholase mimicking activity. <i>Journal of Molecular Liquids</i> , 2022, 363, 119767. | 4.9 | 7 |
| 8 | Evaluation of catecholase mimicking activity and apoptosis in human colorectal carcinoma cell line by activating mitochondrial pathway of copper(II) complex coupled with 2-(quinolin-8-yl)oxy(methyl)benzotrile and 8-hydroxyquinoline. <i>Bioorganic Chemistry</i> , 2021, 106, 104479. | 4.1 | 19 |
| 9 | Fabrication of a new 2D Co(II)-organic framework tuned by semi-flexible dicarboxylate and 1,4-bis(4-pyridinylmethyl)piperazine ligands: Topology, DFT/UB3LYP calculations, Hirshfeld surface analysis and magnetic studies. <i>Journal of Molecular Structure</i> , 2021, 1229, 129616. | 3.6 | 4 |
| 10 | A new copper(II)-based layered coordination polymer: Crystal structure, topology, QTAIM analysis, experimental and theoretical magnetic properties based on DFT combined with broken-symmetry formalism (BS-DFT). <i>Polyhedron</i> , 2021, 193, 114881. | 2.2 | 15 |
| 11 | Potential Third-Order Nonlinear Optical Response Facilitated by Intramolecular Charge Transfer in a Simple Schiff Base Molecule: Experimental and Theoretical Exploration. <i>ACS Omega</i> , 2021, 6, 6185-6194. | 3.5 | 31 |
| 12 | Crystal structure and Hirshfeld surface analysis of [2-(1 <i>H</i> -benzimidazol-2-yl)-1 <i>N</i>]Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 491-494. | 0.5 | 3 |
| 13 | Molecular designing, crystal structure determination and in silico screening of copper(II) complexes bearing 8-hydroxyquinoline derivatives as anti-COVID-19. <i>Bioorganic Chemistry</i> , 2021, 110, 104772. | 4.1 | 40 |
| 14 | Crystal structure, Hirshfeld and electronic transition analysis of 2-[(1 <i>H</i> -benzimidazol-1-yl)methyl]benzoic acid. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 755-758. | 0.5 | 2 |
| 15 | Construction and topological studies of a three dimensional (3D) coordination polymer showing selective adsorption of aromatic hazardous dyes. <i>Separation and Purification Technology</i> , 2021, 265, 118482. | 7.9 | 31 |
| 16 | Ligand substituent effect on the cytotoxicity activity of two new copper(II) complexes bearing 8-hydroxyquinoline derivatives: validated by MTT assay and apoptosis in MCF-7 cancer cell line (human breast cancer). <i>RSC Advances</i> , 2021, 11, 14362-14373. | 3.6 | 19 |
| 17 | Facile synthesis, topological study, and adsorption properties of a novel Co (II)-based coordination polymer for adsorptive removal of methylene blue and methyl orange dyes. <i>Polyhedron</i> , 2021, 210, 115519. | 2.2 | 48 |
| 18 | A Three-Dimensional Pentanuclear Co(II) Coordination Polymer: Structural Topology, Hirshfeld Surface Analysis and Magnetic Properties. <i>ChemistrySelect</i> , 2020, 5, 13732-13737. | 1.5 | 5 |

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|----|--|-----|-----------|
| 19 | The cocrystal of 3-((4-(3-isocyanobenzyl) piperazine-1-yl) methyl) benzonitrile with 5-hydroxy isophthalic acid prevents protofibril formation of serum albumin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, , 1-11. | 3.5 | 2 |
| 20 | Crystal structure and Hirshfeld surface analysis of diethyl 5-(2-cyanophenoxy)isophthalate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 905-908. | 0.5 | 3 |
| 21 | Synthesis and Characterization of CuO Rods for Enhanced Visible Light Driven Dye Degradation. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 7716-7723. | 0.9 | 14 |
| 22 | Synthesis and Characterizations of Nitrogen (N) Doped Strontium Titanate (SrTiO ₃) Nanoparticles for Enhanced Visible Light Driven Photocatalytic Degradation. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 6475-6481. | 0.9 | 14 |
| 23 | Crystal structure of 4-[(2-hydroxy-3-methoxybenzyl)amino]benzoic acid hemihydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 159-162. | 0.5 | 2 |