# Pawan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6923148/publications.pdf

Version: 2024-02-01

| 21 | 206 | 1040056 | 1058476 |
|---|---|---|---|
| papers | citations | 9 | 14 |
| | | h-index | g-index |

| 21 | 21 | 21 | 109 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Schiff base-functionalized silatrane-based receptor as a potential chemo-sensor for the detection of Al<sup>3+</sup> ions. New Journal of Chemistry, 2021, 45, 7850-7859. | 2.8 | 36 |
| 2 | Organosilanes and their magnetic nanoparticles as naked eye red emissive sensors for Ag<sup>+</sup> ions and potent anti-oxidants. New Journal of Chemistry, 2021, 45, 5517-5525. | 2.8 | 26 |
| 3 | Azo dye featuring triazole appended organosilicon multifunctionalized sensor: Paradigm for detection of Cu+2and Fe+2 ions. Materials Chemistry and Physics, 2020, 249, 123005. | 4.0 | 20 |
| 4 | Designing the recognition of Sn<sup>2+</sup> ions and antioxidants: N-heterocyclic organosilatranes and their magnetic nanocomposites. New Journal of Chemistry, 2020, 44, 6238-6250. | 2.8 | 16 |
| 5 | A quick microwave preparation of isatin hydrazone schiff base conjugated organosilicon compounds: Exploration of their antibacterial, antifungal, and antioxidative potentials. Journal of Organometallic Chemistry, 2021, 953, 122051. | 1.8 | 16 |
| 6 | Synthesis and Characterization of Antioxidant Biphenyl Appended 1,2,3â€Triazoles as Potential Chemoâ€Sensor for Sn<sup>2+</sup> Ions: Excellent Selectivity and Low Detection Limit. ChemistrySelect, 2021, 6, 7613-7621. | 1.5 | 13 |
| 7 | Organosilanes: Synthesis and modification to magnetic silica nanoparticles for recognition of Hg (II) ions. Inorganica Chimica Acta, 2021, 528, 120591. | 2.4 | 13 |
| 8 | Tetrazole conjoined organosilane and organosilatrane via the â€˜click approachâ€™: a potent Mycobacterium tuberculosis enoyl ACP reductase inhibitor and a dual sensor for Fe(<scp>iii</scp>) and Cu(<scp>ii</scp>) ions. New Journal of Chemistry, 2022, 46, 2094-2104. | 2.8 | 12 |
| 9 | Synthesis of organosilocane allied N-heteroaryl Schiff base chemosensor for the detection of Cu<sup>2+</sup> metal ions and their biological applications. New Journal of Chemistry, 2020, 44, 13542-13552. | 2.8 | 9 |
| 10 | First Report on the Synthesis of Antipyrine Crowned Siloxy Framework: Optical Recognition of Fe<sup>2+</sup> and Hg<sup>2+</sup> Ions. ChemistrySelect, 2020, 5, 8823-8830. | 1.5 | 8 |
| 11 | Propargyl-functionalized single arm allied Anthracene based Schiff bases: Crystal structure, solvatochromism and selective recognition of Fe3+ ion. Journal of Molecular Structure, 2021, 1229, 129618. | 3.6 | 8 |
| 12 | Design of new bis-triazolyl structure for identification of inhibitory activity on COVID-19 main protease by molecular docking approach. Journal of Molecular Structure, 2022, 1250, 131858. | 3.6 | 8 |
| 13 | Design and synthesis of 4-aminoantipyrine appended triazole linked bis-organosilane and their silica nanoparticles for selective recognition of Fe3+ ions. Journal of Molecular Structure, 2022, 1250, 131766. | 3.6 | 4 |
| 14 | A veratraldehyde-appended organosilicon probe and its hybrid silica nanoparticles as a dual chemosensor for colorimetric and fluorimetric detection of Cu<sup>2+</sup> and Fe<sup>3+</sup> ions. New Journal of Chemistry, 2021, 46, 370-384. | 2.8 | 4 |
| 15 | 1-Adamantanamine-based triazole-appended organosilanes as chromogenic â€œnaked-eyeâ€•and fluorogenic â€œturn-onâ€•sensors for the highly selective detection of Sn<sup>2+</sup> ions. New Journal of Chemistry, 2022, 46, 7055-7069. | 2.8 | 4 |
| 16 | Anthraceneâ€Based Triazolyl Triethoxysilanes as Selective and Colorimetric Sensor for Cysteine: Rationalization towards Stability Factors, Therapeutics Evaluation and Molecular Docking. ChemistrySelect, 2021, 6, 8899-8911. | 1.5 | 3 |
| 17 | Colorimetric detection of Fe3+ ions using Schiff base-chalcone functionalized bis(1,2,3-triazolyl-Î³-propyltriethoxysilanes). Inorganica Chimica Acta, 2021, 527, 120576. | 2.4 | 3 |
| 18 | The first report of X-ray characterized organosilatrane-based receptors for the electrochemical analysis of Al<sup>3+</sup> ions. New Journal of Chemistry, 2021, 45, 16083-16091. | 2.8 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Clickâ€Derived Uracilâ€Appended Organosilatranyl Scaffolds: Synthesis, Antibacterial Characteristics, Pb2+ Binding and Fabrication of Hybrid Silica Nanoparticles. ChemistrySelect, 2020, 5, 284-292. | 1.5 | 1 |
| 20 | Design and Synthesis of Heterocyclic Encapsulated Organosilatranes for In Silico, In Vitro Antioxidant and Cytotoxicity Evaluation. ChemistrySelect, 2020, 5, 15055-15060. | 1.5 | 0 |
| 21 | New energy harvesting using conjugated chalconyl-organosiloxyl framework. Materials Chemistry and Physics, 2022, 279, 125751. | 4.0 | 0 |