

Mrituanjay D Pandey

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/106278/publications.pdf>

Version: 2024-02-01

31
papers

968
citations

623188

14
h-index

476904

29
g-index

32
all docs

32
docs citations

32
times ranked

1502
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Macrocyclization Reactions: The Importance of Conformational, Configurational, and Template-Induced Preorganization. <i>Chemical Reviews</i> , 2015, 115, 8736-8834. | 23.0 | 346 |
| 2 | Unique role of hydrophilic ionic liquid in modifying properties of aqueous Triton X-100. <i>Journal of Chemical Physics</i> , 2007, 127, 184501. | 1.2 | 94 |
| 3 | Silver-Guided Excimer Emission in an Adenine~Pyrene Conjugate: Fluorescence Lifetime and Crystal Studies. <i>Inorganic Chemistry</i> , 2010, 49, 2020-2022. | 1.9 | 75 |
| 4 | Phosphorus-supported multidentate coumarin-containing fluorescence sensors for Cu ²⁺ . <i>Tetrahedron</i> , 2009, 65, 9876-9883. | 1.0 | 62 |
| 5 | Pseudopeptidic fluorescent on-off pH sensor based on pyrene excimer emission: Imaging of acidic cellular organelles. <i>Sensors and Actuators B: Chemical</i> , 2016, 234, 633-640. | 4.0 | 47 |
| 6 | Efficient Precipitation of Dyes from Dilute Aqueous Solutions of Ionic Liquids. <i>Analytical Sciences</i> , 2006, 22, 1051-1053. | 0.8 | 34 |
| 7 | Synthesis, Structure, and Two-Photon Absorption Studies of a Phosphorus-Based Tris Hydrazone Ligand (<i>S</i>)P[N(Me)N(CH ₂ CH ₂ CH ₂ CH ₂ CH ₂ CH ₂ OH) ₂ -N(CH ₂ CH ₂ CH ₂ CH ₂ CH ₂ CH ₂) ₂] ₃ and Its Metal Complexes. <i>Inorganic Chemistry</i> , 2010, 49, 4008-4016. | 1.9 | 34 |
| 8 | Coumarin~pyrene conjugate: Synthesis, structure and Cu-selective fluorescent sensing in mammalian kidney cells. <i>Journal of Luminescence</i> , 2016, 171, 159-165. | 1.5 | 29 |
| 9 | Fluorescence sensing of Cu ²⁺ and Hg ²⁺ by a dipyrrene ligand involving an excimer-switch off mechanism. <i>Tetrahedron Letters</i> , 2011, 52, 1938-1941. | 0.7 | 26 |
| 10 | A reusable multichannel anthraimidazoledione-based receptor for Hg ²⁺ and Cu ²⁺ ions: ultrasensitive, economical and facile detection of Hg ²⁺ in real water sources through fluorescence readout. <i>New Journal of Chemistry</i> , 2017, 41, 10000-10008. | 1.4 | 24 |
| 11 | A modular ligand design for cation sensors: phosphorus-supported pyrene-containing ligands as efficient Cu(II) and Mg(II) sensors. <i>Tetrahedron</i> , 2009, 65, 4540-4546. | 1.0 | 21 |
| 12 | Imine-functionalized, fluorescent organomercury and -tellurium compounds. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 74-81. | 0.8 | 20 |
| 13 | A highly efficient nanostructured Au@La ₂ O ₃ based platform for dopamine detection. <i>Materials Letters</i> , 2022, 308, 131231. | 1.3 | 18 |
| 14 | Two-Photon Absorption Technique for Selective Detection of Copper(II) Ions in Aqueous Solution Using a Dansyl~Pyrene Conjugate. <i>Chemistry - an Asian Journal</i> , 2011, 6, 2246-2250. | 1.7 | 16 |
| 15 | Co(II)-catalyzed decarboxylation of itaconic acid engendering methacrylic acid and Co(II)-MOFs for structure regulated fluorescent detection of cations. <i>Journal of Solid State Chemistry</i> , 2019, 280, 120987. | 1.4 | 16 |
| 16 | Heteroleptic 1D coordination polymers: 5-Coordinated zinc(II) polymer as an efficient transesterification catalyst. <i>Polyhedron</i> , 2017, 126, 142-149. | 1.0 | 13 |
| 17 | Synthesis, structure and photo-physical properties of phosphorus-supported fluorescent probes. <i>Tetrahedron</i> , 2011, 67, 6917-6926. | 1.0 | 12 |
| 18 | Luminescent Pyrene-Decorated Organotin Compounds: Observation of Monomer and Excimer Emission. <i>Crystal Growth and Design</i> , 2019, 19, 1888-1895. | 1.4 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Telluroxane-supported coordination ligands: Synthetic and structural aspects. <i>Polyhedron</i> , 2013, 52, 1362-1368. | 1.0 | 10 |
| 20 | Bisferrocenyl-functionalized pseudopeptides: access to separated ionic and electronic contributions for electrochemical anion sensing. <i>RSC Advances</i> , 2016, 6, 35257-35266. | 1.7 | 9 |
| 21 | A Dual-Signaling Ferrocene-Pyrene Dyad: Triple-Mode Recognition of the Cu(II) Ions in Aqueous Medium. <i>Journal of Fluorescence</i> , 2017, 27, 2279-2286. | 1.3 | 8 |
| 22 | A phosphorus-based compartmental ligand, (S)P[N(Me)N(CH ₂ -C ₆ H ₃ -2-O-3-OMe) ₃] (LH3), enables the assembly of luminescent heterobimetallic linear {L ₂ Zn ₂ Ln} ⁺ [Ln = Gd, Tb, Nd and Eu] complexes. <i>Dalton Transactions</i> , 2013, 42, 15447. | 1.6 | 7 |
| 23 | Synthetic, spectral, structural and antimicrobial studies of some Schiff bases 3-d metal complexes. <i>Russian Journal of Inorganic Chemistry</i> , 2011, 56, 1757-1764. | 0.3 | 6 |
| 24 | Cyclometalated Ir(III) Complex as a Metalloligand and a Selective Cu(II) Sensor: Synthesis and Structural Characterization of a Heterometallic Tetranuclear Ir(III)/Cu(II) Complex. <i>ACS Omega</i> , 2018, 3, 2786-2792. | 1.6 | 6 |
| 25 | A uniquely fabricated Cu(II)-metallacycle as a reusable highly sensitive dual-channel and practically functional metalloceptor for Fe ³⁺ and Ca ²⁺ ions: an inorganic site of cation detection. <i>New Journal of Chemistry</i> , 2018, 42, 3582-3592. | 1.4 | 6 |
| 26 | Perspective of nanomaterials for sustainable biofuel and bioenergy production. <i>Materials Letters</i> , 2022, 313, 131686. | 1.3 | 6 |
| 27 | Assembly of a dinuclear silver complex containing an Ag ₂ S ₂ motif from a phosphorus-supported trishydrazone ligand. Pt ⁺ AgI coordination. <i>Dalton Transactions</i> , 2011, 40, 7873. | 1.6 | 5 |
| 28 | The nucleobase assisted pyrene functionalization of gold nanoparticles. <i>New Journal of Chemistry</i> , 2021, 45, 9478-9482. | 1.4 | 3 |
| 29 | Development of highly selective fluorescent ferrocenylaminopyridine chemosensor for biologically relevant Fe ³⁺ . <i>Luminescence</i> , 2023, 38, 1132-1138. | 1.5 | 3 |
| 30 | A zinc (II) complex comprising an aminoethylaminopyridine-derived N,N,O-donor Schiff base ligand serves as an efficient ON-OFF probe for Cu(II). <i>Luminescence</i> , 0, , . | 1.5 | 1 |
| 31 | Two-photon Absorption Cross Sections in a Dual-signaling Ferrocene-pyrene Conjugate. , 2016, , . | | 0 |