Mrituanjay D Pandey

List of Publications by Year
in descending order

31 papers	968 citations	623734 14 h-index	477307 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. Chemical Reviews, 2015, 115, 8736-8834.	47.7	346
2	Unique role of hydrophilic ionic liquid in modifying properties of aqueous Triton X-100. Journal of Chemical Physics, 2007, 127, 184501.	3.0	94
3	Silver-Guided Excimer Emission in an Adenineâˆ’Pyrene Conjugate: Fluorescence Lifetime and Crystal Studies. Inorganic Chemistry, 2010, 49, 2020-2022.	4.0	75
4	Phosphorus-supported multidentate coumarin-containing fluorescence sensors for Cu2+. Tetrahedron, 2009, 65, 9876-9883.	1.9	62
5	Pseudopeptidic fluorescent on-off pH sensor based on pyrene excimer emission: Imaging of acidic cellular organelles. Sensors and Actuators B: Chemical, 2016, 234, 633-640.	7.8	47
6	Efficient Precipitation of Dyes from Dilute Aqueous Solutions of Ionic Liquids. Analytical Sciences, 2006, 22, 1051-1053.	1.6	34
7	Synthesis, Structure, and Two-Photon Absorption Studies of a Phosphorus-Based Tris Hydrazone Ligand (S)P[N(Me)Nâ•CH-C₆H₃-2-OH-4-N(CH₂CH₃)₂]₃ and Its Metal Complexes. Inorganic Chemistry, 2010, 49, 4008-4016.	4.0	34
8	Coumarinâ€“pyrene conjugate: Synthesis, structure and Cu-selective fluorescent sensing in mammalian kidney cells. Journal of Luminescence, 2016, 171, 159-165.	3.1	29
9	Fluorescence sensing of Cu2+ and Hg2+ by a dipyrene ligand involving an excimer-switch off mechanism. Tetrahedron Letters, 2011, 52, 1938-1941.	1.4	26
10	A reusable multichannel anthraimidazoledione-based receptor for Hg²⁺and Cu²⁺ions: ultrasensitive, economical and facile detection of Hg²⁺in real water sources through fluorescence readout. New Journal of Chemistry, 2017, 41, 10000-10008.	2.8	24
11	A modular ligand design for cation sensors: phosphorus-supported pyrene-containing ligands as efficient Cu(II) and Mg(II) sensors. Tetrahedron, 2009, 65, 4540-4546.	1.9	21
12	Imine-functionalized, fluorescent organomercury and -tellurium compounds. Journal of Organometallic Chemistry, 2010, 695, 74-81.	1.8	20
13	A highly efficient nanostructured Au@La2O3 based platform for dopamine detection. Materials Letters, 2022, 308, 131231.	2.6	18
14	Twoâ€Photonâ€Absorption Technique for Selective Detection of Copper(II) Ions in Aqueous Solution Using a Dansylâ€“Pyrene Conjugate. Chemistry - an Asian Journal, 2011, 6, 2246-2250.	3.3	16
15	Co(II)-catalyzed decarboxylation of itaconic acid engendering methacrylic acid and Co(II)-MOFs for structure regulated fluorescent detection of cations. Journal of Solid State Chemistry, 2019, 280, 120987.	2.9	16
16	Heteroleptic 1D coordination polymers: 5-Coordinated zinc(II) polymer as an efficient transesterification catalyst. Polyhedron, 2017, 126, 142-149.	2.2	13
17	Synthesis, structure and photo-physical properties of phosphorus-supported fluorescent probes. Tetrahedron, 2011, 67, 6917-6926.	1.9	12
18	Luminescent Pyrene-Decorated Organotin Compounds: Observation of Monomer and Excimer Emission. Crystal Growth and Design, 2019, 19, 1888-1895.	3.0	11

#	Article	IF	Citations
19	Telluroxane-supported coordination ligands: Synthetic and structural aspects. Polyhedron, 2013, 52, 1362-1368.	2.2	10
20	Bisferrocenyl-functionalized pseudopeptides: access to separated ionic and electronic contributions for electrochemical anion sensing. RSC Advances, 2016, 6, 35257-35266.	3.6	9
21	A Dual-Signaling Ferrocene-Pyrene Dyad: Triple-Mode Recognition of the Cu(II) Ions in Aqueous Medium. Journal of Fluorescence, 2017, 27, 2279-2286.	2.5	8
22	A phosphorus-based compartmental ligand, (S)P[N(Me)Nî€CHâ€“C6H3-2-O-3-OMe]3 (LH3), enables the assembly of luminescent heterobimetallic linear {L2Zn2Ln}+ [Ln = Gd, Tb, Nd and Eu] complexes. Dalton Transactions, 2013, 42, 15447.	3.3	7
23	Synthetic, spectral, structural and antimicrobial studies of some Schiff bases 3-d metal complexes. Russian Journal of Inorganic Chemistry, 2011, 56, 1757-1764.	1.3	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. ACS Omega, 2018, 3, 2786-2792.	3.5	6
25	A uniquely fabricated Cu(<scp>ii</scp>)-metallacycle as a reusable highly sensitive dual-channel and practically functional metalloreceptor for Fe³⁺and Ca²⁺ions: an inorganic site of cation detection. New Journal of Chemistry, 2018, 42, 3582-3592.	2.8	6
26	Perspective of nanomaterials for sustainable biofuel and bioenergy production. Materials Letters, 2022, 313, 131686.	2.6	6
27	Assembly of a dinuclear silver complex containing an Ag2S2 motif from a phosphorus-supported trishydrazone ligand. Pî€Sâ†'AgI coordination. Dalton Transactions, 2011, 40, 7873.	3.3	5
28	The nucleobase assisted pyrene functionalization of gold nanoparticles. New Journal of Chemistry, 2021, 45, 9478-9482.	2.8	3
29	Development of highly selective fluorescent ferrocenylâ€iminopyridine chemosensor for biologically relevant Fe³⁺. Luminescence, 2023, 38, 1132-1138.	2.9	3
30	A zinc (II) complex comprising an aminoethylâ€nitropyridineâ€derived N,N,Oâ€donor Schiff base ligand serves as an efficient ONâ€“OFF probe for Cu(II). Luminescence, 0, , .	2.9	1
31	Two-photon Absorption Cross Sections in a Dual-signaling Ferrocene-pyrene Conjugate. , 2016, , .		0