

# Mrituanjay D Pandey

## List of Publications by Citations

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28

papers

748

citations

13

h-index

27

g-index

32

ext. papers

852

ext. citations

5.4

avg, IF

4.11

L-index

#	Paper	IF	Citations
28	Macrocyclization Reactions: The Importance of Conformational, Configurational, and Template-Induced Preorganization. <i>Chemical Reviews</i> , <b>2015</b> , 115, 8736-834	68.1	251
27	Unique role of hydrophilic ionic liquid in modifying properties of aqueous Triton X-100. <i>Journal of Chemical Physics</i> , <b>2007</b> , 127, 184501	3.9	88
26	Silver-guided excimer emission in an adenine-pyrene conjugate: fluorescence lifetime and crystal studies. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 2020-2	5.1	70
25	Phosphorus-supported multidentate coumarin-containing fluorescence sensors for Cu <sup>2+</sup> . <i>Tetrahedron</i> , <b>2009</b> , 65, 9876-9883	2.4	55
24	Pseudopeptidic fluorescent on-off pH sensor based on pyrene excimer emission: Imaging of acidic cellular organelles. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 234, 633-640	8.5	37
23	Synthesis, structure, and two-photon absorption studies of a phosphorus-based tris hydrazone ligand (S)P[N(Me)N=CH-C <sub>6</sub> H <sub>3</sub> -2-OH-4-N(CH <sub>2</sub> CH <sub>3</sub> ) <sub>2</sub> ] <sub>3</sub> and its metal complexes. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 4008-16	5.1	29
22	Efficient precipitation of dyes from dilute aqueous solutions of ionic liquids. <i>Analytical Sciences</i> , <b>2006</b> , 22, 1051-3	1.7	28
21	A modular ligand design for cation sensors: phosphorus-supported pyrene-containing ligands as efficient Cu(II) and Mg(II) sensors. <i>Tetrahedron</i> , <b>2009</b> , 65, 4540-4546	2.4	21
20	Fluorescence sensing of Cu <sup>2+</sup> and Hg <sup>2+</sup> by a dipyrrene ligand involving an excimer-switch off mechanism. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 1938-1941	2	21
19	Coumarin-pyrene conjugate: Synthesis, structure and Cu-selective fluorescent sensing in mammalian kidney cells. <i>Journal of Luminescence</i> , <b>2016</b> , 171, 159-165	3.8	20
18	A reusable multichannel anthraimidazoledione-based receptor for Hg <sup>2+</sup> and Cu <sup>2+</sup> ions: ultrasensitive, economical and facile detection of Hg <sup>2+</sup> in real water sources through fluorescence readout. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 10000-10008	3.6	17
17	Imine-functionalized, fluorescent organomercury and -tellurium compounds. <i>Journal of Organometallic Chemistry</i> , <b>2010</b> , 695, 74-81	2.3	16
16	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> , <b>2011</b> , 6, 2246-50	4.5	13
15	Heteroleptic 1D coordination polymers: 5-Coordinated zinc(II) polymer as an efficient transesterification catalyst. <i>Polyhedron</i> , <b>2017</b> , 126, 142-149	2.7	12
14	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> , <b>2019</b> , 280, 120987 <sup>3-3</sup>	3.3	10
13	Synthesis, structure and photo-physical properties of phosphorus-supported fluorescent probes. <i>Tetrahedron</i> , <b>2011</b> , 67, 6917-6926	2.4	9
12	Telluroxane-supported coordination ligands: Synthetic and structural aspects. <i>Polyhedron</i> , <b>2013</b> , 52, 1362-1368	1.3	88

11	Luminescent Pyrene-Decorated Organotin Compounds: Observation of Monomer and Excimer Emission. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 1888-1895	3.5	6
10	A uniquely fabricated Cu(II)-metallacycle as a reusable highly sensitive dual-channel and practically functional metalloceptor for Fe <sup>3+</sup> and Ca <sup>2+</sup> ions: an inorganic site of cation detection. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 3582-3592	3.6	6
9	A phosphorus-based compartmental ligand, (S)P[N(Me)N=CH-C <sub>6</sub> H <sub>3</sub> -2-O-3-OMe] <sub>3</sub> (LH3), enables the assembly of luminescent heterobimetallic linear {L <sub>2</sub> Zn <sub>2</sub> Ln} <sup>+</sup> [Ln = Gd, Tb, Nd and Eu] complexes. <i>Dalton Transactions</i> , <b>2013</b> , 42, 15447-56	4.3	6
8	Assembly of a dinuclear silver complex containing an Ag <sub>2</sub> S <sub>2</sub> motif from a phosphorus-supported trishydrazone ligand. P=S-Ag(I) coordination. <i>Dalton Transactions</i> , <b>2011</b> , 40, 7873-8	4.3	5
7	A Dual-Signaling Ferrocene-Pyrene Dyad: Triple-Mode Recognition of the Cu(II) Ions in Aqueous Medium. <i>Journal of Fluorescence</i> , <b>2017</b> , 27, 2279-2286	2.4	4
6	Synthetic, spectral, structural and antimicrobial studies of some Schiff bases 3-d metal complexes. <i>Russian Journal of Inorganic Chemistry</i> , <b>2011</b> , 56, 1757-1764	1.5	4
5	A highly efficient nanostructured Au@La <sub>2</sub> O <sub>3</sub> based platform for dopamine detection. <i>Materials Letters</i> , <b>2021</b> , 308, 131231	3.3	4
4	Bisferrocenyl-functionalized pseudopeptides: access to separated ionic and electronic contributions for electrochemical anion sensing. <i>RSC Advances</i> , <b>2016</b> , 6, 35257-35266	3.7	4
3	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> , <b>2018</b> , 3, 2786-2792	3.9	3
2	Perspective of nanomaterials for sustainable biofuel and bioenergy production. <i>Materials Letters</i> , <b>2022</b> , 313, 131686	3.3	1
1	The nucleobase assisted pyrene functionalization of gold nanoparticles. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 9478-9482	3.6	0