

# Pramod Kumar

## List of Publications by Year in descending order

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41  
papers

909  
citations

430874  
18  
h-index

477307  
29  
g-index

41  
all docs

41  
docs citations

41  
times ranked

857  
citing authors

#	ARTICLE	IF	CITATIONS
1	Turn-On Fluorescent Sensors for the Selective Detection of Al <sup>3+</sup> (and Ga <sup>3+</sup> ) and PPI Ions. Inorganic Chemistry, 2019, 58, 10364-10376.	4.0	86
2	Arene-based fluorescent probes for the selective detection of iron. RSC Advances, 2015, 5, 97874-97882.	3.6	68
3	Nano-Structured Dilute Magnetic Semiconductors for Efficient Spintronics at Room Temperature. Magnetochemistry, 2020, 6, 15.	2.4	63
4	Reductive metabolites of curcumin and their therapeutic effects. Heliyon, 2020, 6, e05469.	3.2	54
5	The wonderful world of pyridine-2,6-dicarboxamide based scaffolds. Dalton Transactions, 2016, 45, 18769-18783.	3.3	51
6	Selective fluorescent turn-off sensing of Pd <sup>2+</sup> ion: applications as paper strips, polystyrene films, and in cell imaging. RSC Advances, 2017, 7, 7734-7741.	3.6	46
7	Size-Selective Detection of Picric Acid by Fluorescent Palladium Macrocycles. Inorganic Chemistry, 2018, 57, 1693-1697.	4.0	44
8	Preparation and characterization of superparamagnetic iron oxide nanoparticles for magnetically guided drug delivery. International Journal of Nanomedicine, 2018, Volume 13, 43-46.	6.7	33
9	Ormosil nanoparticles as a sustained-release drug delivery vehicle. RSC Advances, 2014, 4, 53498-53504.	3.6	30
10	Detection of sulfide ion and gaseous H <sub>2</sub> S using a series of pyridine-2,6-dicarboxamide based scaffolds. Dalton Transactions, 2018, 47, 9536-9545.	3.3	30
11	Interaction of noscapine with human serum albumin (HSA): A spectroscopic and molecular modelling approach. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 372, 168-176.	3.9	30
12	Turn-on detection of assorted phosphates by luminescent chemosensors. Inorganic Chemistry Frontiers, 2021, 8, 3587-3607.	6.0	25
13	Detection of Al <sup>3+</sup> and Fe <sup>3+</sup> ions by nitrobenzoxadiazole bearing pyridine-2,6-dicarboxamide based chemosensors: effect of solvents on detection. New Journal of Chemistry, 2020, 44, 13285-13294.	2.8	23
14	Recognition, mechanistic investigation and applications for the detection of biorelevant Cu <sup>2+</sup> /Fe <sup>2+</sup> /Fe <sup>3+</sup> ions by ruthenium(II)-polypyridyl based fluorescent sensors. Dalton Transactions, 2021, 50, 2705-2721.	3.3	22
15	Fluorescent detection of multiple ions by two related chemosensors: structural elucidations and logic gate applications. RSC Advances, 2017, 7, 23127-23135.	3.6	21
16	Detection of the anticoagulant drug warfarin by palladium complexes. Dalton Transactions, 2017, 46, 10205-10209.	3.3	21
17	Polymerization led selective detection and removal of Zn <sup>2+</sup> and Cd <sup>2+</sup> ions: isolation of Zn- and Cd-MOFs and reversibility studies. Dalton Transactions, 2018, 47, 14686-14695.	3.3	21
18	Zn <sup>2+</sup> and Cd <sup>2+</sup> based Coordination Polymers Offering H-Bonding Cavities: Highly Selective Sensing of S <sub>2</sub> O <sub>7</sub> <sup>2-</sup> and Fe <sup>3+</sup> Ions. Chemistry - an Asian Journal, 2019, 14, 4594-4600.	3.3	20

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19	Copper ion luminescence on/off sensing by a quinoline-appended ruthenium(II)-polypyridyl complex in aqueous media. <i>Journal of Molecular Structure</i> , 2020, 1202, 127242.	3.6	19
20	Spatio-temporal variation in fine particulate matter and effect on air quality during the COVID-19 in New Delhi, India. <i>Urban Climate</i> , 2021, 40, 101013.	5.7	19
21	Synthesis of MacMillan catalyst modified with ionic liquid as a recoverable catalyst for asymmetric Diels-Alder reaction. <i>RSC Advances</i> , 2015, 5, 52636-52641.	3.6	18
22	Selective Detection of Picric Acid and Pyrosulfate Ion by Nickel Complexes Offering a Hydrogen-Bonding-Based Cavity. <i>Inorganic Chemistry</i> , 2021, 60, 17889-17899.	4.0	18
23	Ibuprofen-based chemosensor for efficient binding and sensing of Cu <sup>2+</sup> ion in aqueous medium. <i>Journal of Molecular Structure</i> , 2020, 1199, 127003.	3.6	17
24	Dipicolinamide and isophthalamide based fluorescent chemosensors: recognition and detection of assorted analytes. <i>Dalton Transactions</i> , 2020, 49, 9544-9555.	3.3	17
25	Turn-on fluorescent detection of nickel and zinc ions by two related chemosensors containing naphthalimide ring(s). <i>Journal of Molecular Structure</i> , 2022, 1261, 132901.	3.6	17
26	A highly selective sensor for Cu <sup>2+</sup> and Fe <sup>3+</sup> ions in aqueous medium: Spectroscopic, computational and cell imaging studies. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 364, 811-818.	3.9	15
27	Ruthenium(II)-Polypyridyl-Based Sensor Bearing a DPA Unit for Selective Detection of Cu(II) Ion in Aqueous Medium. <i>ChemistrySelect</i> , 2019, 4, 6140-6147.	1.5	13
28	Hydrogeochemistry and quality assessment of surface and sub-surface water resources in Raniganj coalfield area, Damodar Valley, India. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 8346-8369.	3.3	10
29	Curcumin Oxidation Is Required for Inhibition of <i>Helicobacter pylori</i> Growth, Translocation and Phosphorylation of Cag A. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 765842.	3.9	9
30	Ultrahigh Infrared Photoresponse in Titanium Sesquioxide at Mott-Insulator Transition. <i>Advanced Materials Interfaces</i> , 2020, 7, 2001091.	3.7	8
31	<i>Ex vivo</i> binding studies of the anti-cancer drug noscapine with human hemoglobin: a spectroscopic and molecular docking study. <i>New Journal of Chemistry</i> , 2021, 45, 1525-1534.	2.8	7
32	Optically and magnetically doped ormosil nanoparticles for bioimaging: synthesis, characterization, and in vitro studies. <i>RSC Advances</i> , 2014, 4, 16181-16187.	3.6	6
33	Chiral Mn <sup>III</sup> -salalen and -salan Complexes Derived from (S)-Pyrrolidine-2-ylmethanamine and Their Catalytic Activity in the Asymmetric Strecker Reaction. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5077-5083.	2.0	6
34	Developing a simple and water soluble thiophene-functionalized Ru(II)-polypyridyl complex for ferric ion detection. <i>Inorganic Chemistry Communication</i> , 2019, 107, 107500.	3.9	6
35	(S)-Pyrrolidine-Containing Chiral Manganese(III)-Salalen and -Salan Complexes as Catalysts for the Asymmetric Henry Reaction. <i>Synlett</i> , 2016, 27, 267-271.	1.8	5
36	Pincers Based on Dicarboxamide and Dithiocarboxamide Functional Groups. , 2018, , 295-325.		4

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37	Synthesis of chiral salalen ligands and their <i>in situ</i> generated Cu <sup>II</sup> complexes for asymmetric Henry reaction. <i>Chirality</i> , 2018, 30, 1257-1268.	2.6	3
38	Hydrogeochemical characteristics of meltwater draining from Himalayan glaciers: a critical review. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	1.3	2
39	Recent progress on synthetic and protein-based genetically encoded sensors for fluorimetric Cu( <sup>i</sup> ) recognition: binding and reaction-based approaches. <i>Sensors &amp; Diagnostics</i> , 2022, 1, 429-448.	3.8	2
40	Detection of Bio-Relevant Metal Ions by Luminescent Ru(II)-Polypyridyl Based Sensors. , 0, , .		0
41	Hydro-meteorological Correlations of Himalayan Glaciers: A Review. <i>Journal of Climate Change</i> , 2021, 7, 45-55.	0.5	0