

Pramod Kumar

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40 papers	534 citations	15 h-index	21 g-index
41 ext. papers	706 ext. citations	3.8 avg, IF	4.67 L-index

#	Paper	IF	Citations
40	Hydrogeochemical characteristics of meltwater draining from Himalayan glaciers: a critical review. <i>Arabian Journal of Geosciences</i> , 2022 , 15, 1	1.8	
39	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	3.4	3
38	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	5.1	5
37	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	6.8	4
36	Ex vivo 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	3.6	1
35	Recognition, mechanistic investigation and applications for the detection of biorelevant Cu/Fe/Fe ions by ruthenium(II)-polypyridyl based fluorescent sensors. <i>Dalton Transactions</i> , 2021 , 50, 2705-2721	4.3	8
34	Turn-on detection of assorted phosphates by luminescent chemosensors. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 3587-3607	6.8	7
33	Hydro-meteorological Correlations of Himalayan Glaciers: A Review. <i>Journal of Climate Change</i> , 2021 , 7, 45-55	0.7	
32	Curcumin Oxidation Is Required for Inhibition of Growth, Translocation and Phosphorylation of Cag A.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 765842	5.9	3
31	Dipicolinamide and isophthalamide based fluorescent chemosensors: recognition and detection of assorted analytes. <i>Dalton Transactions</i> , 2020 , 49, 9544-9555	4.3	12
30	Nano-Structured Dilute Magnetic Semiconductors for Efficient Spintronics at Room Temperature. <i>Magnetochemistry</i> , 2020 , 6, 15	3.1	22
29	Detection of Al ³⁺ and Fe ³⁺ ions by nitrobenzoxadiazole bearing pyridine-2,6-dicarboxamide based chemosensors: effect of solvents on detection. <i>New Journal of Chemistry</i> , 2020 , 44, 13285-13294	3.6	13
28	Reductive metabolites of curcumin and their therapeutic effects. <i>Heliyon</i> , 2020 , 6, e05469	3.6	14
27	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> , 2020 , 1-24	1.8	6
26	Ultrahigh Infrared Photoresponse in Titanium Sesquioxide at Mott-Insulator Transition. <i>Advanced Materials Interfaces</i> , 2020 , 7, 2001091	4.6	7
25	Ibuprofen-based chemosensor for efficient binding and sensing of Cu ²⁺ ion in aqueous medium. <i>Journal of Molecular Structure</i> , 2020 , 1199, 127003	3.4	9
24	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	3.4	8

23	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	1.8	6
22	Turn-On Fluorescent Sensors for the Selective Detection of Al (and Ga) and PPI Ions. <i>Inorganic Chemistry</i> , 2019 , 58, 10364-10376	5.1	53
21	Developing a simple and water soluble thiophene-functionalized Ru(II)-polypyridyl complex for ferric ion detection. <i>Inorganic Chemistry Communication</i> , 2019 , 107, 107500	3.1	2
20	Zn- and Cd-based Coordination Polymers Offering H-Bonding Cavities: Highly Selective Sensing of S O and Fe Ions. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 4594-4600	4.5	15
19	Interaction of noscapine with human serum albumin (HSA): A spectroscopic and molecular modelling approach. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019 , 372, 168-176	4.7	18
18	Size-Selective Detection of Picric Acid by Fluorescent Palladium Macrocycles. <i>Inorganic Chemistry</i> , 2018 , 57, 1693-1697	5.1	33
17	Preparation and characterization of superparamagnetic iron oxide nanoparticles for magnetically guided drug delivery. <i>International Journal of Nanomedicine</i> , 2018 , 13, 43-46	7.3	18
16	A highly selective sensor for Cu ²⁺ and Fe ³⁺ ions in aqueous medium: Spectroscopic, computational and cell imaging studies. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018 , 364, 811-818	4.7	9
15	Detection of sulfide ion and gaseous HS using a series of pyridine-2,6-dicarboxamide based scaffolds. <i>Dalton Transactions</i> , 2018 , 47, 9536-9545	4.3	23
14	Synthesis of chiral salalen ligands and their in-situ generated Cu-complexes for asymmetric Henry reaction. <i>Chirality</i> , 2018 , 30, 1257-1268	2.1	3
13	Polymerization led selective detection and removal of Zn and Cd ions: isolation of Zn- and Cd-MOFs and reversibility studies. <i>Dalton Transactions</i> , 2018 , 47, 14686-14695	4.3	15
12	Pincers Based on Dicarboxamide and Dithiocarboxamide Functional Groups 2018 , 295-325		2
11	Selective fluorescent turn-off sensing of Pd ²⁺ ion: applications as paper strips, polystyrene films, and in cell imaging. <i>RSC Advances</i> , 2017 , 7, 7734-7741	3.7	39
10	Fluorescent detection of multiple ions by two related chemosensors: structural elucidations and logic gate applications. <i>RSC Advances</i> , 2017 , 7, 23127-23135	3.7	16
9	Detection of the anticoagulant drug warfarin by palladium complexes. <i>Dalton Transactions</i> , 2017 , 46, 10205-10209	4.3	17
8	The wonderful world of pyridine-2,6-dicarboxamide based scaffolds. <i>Dalton Transactions</i> , 2016 , 45, 18762-18783	4.3	37
7	(S)-Pyrrolidine-Containing Chiral Manganese(III)Salalen and Salan Complexes as Catalysts for the Asymmetric Henry Reaction. <i>Synlett</i> , 2016 , 27, 267-271	2.2	4
6	Arene-based fluorescent probes for the selective detection of iron. <i>RSC Advances</i> , 2015 , 5, 97874-97882	3.7	55

5	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	3.7	15
4	Optically and magnetically doped ormosil nanoparticles for bioimaging: synthesis, characterization, and in vitro studies. <i>RSC Advances</i> , 2014 , 4, 16181-16187	3.7	4
3	Chiral Mn(III) Salen and Salen Complexes Derived from (S)-Pyrrolidin-2-ylmethanamine and Their Catalytic Activity in the Asymmetric Strecker Reaction. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 5077-5083	2.3	4
2	Ormosil nanoparticles as a sustained-release drug delivery vehicle. <i>RSC Advances</i> , 2014 , 4, 53498-53504	3.7	24
1	Recent progress on synthetic and protein-based genetically encoded sensors for fluorimetric Cu(I) recognition: binding and reaction-based approaches. <i>Sensors & Diagnostics</i> ,		0