

Pramod Kumar

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6571433/pramod-kumar-publications-by-citations.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
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	Arene-based fluorescent probes for the selective detection of iron. <i>RSC Advances</i> , 2015 , 5, 97874-97882	3.7	55
39	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
38	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
37	The wonderful world of pyridine-2,6-dicarboxamide based scaffolds. <i>Dalton Transactions</i> , 2016 , 45, 18762-18783	4.3	37
36	Size-Selective Detection of Picric Acid by Fluorescent Palladium Macrocycles. <i>Inorganic Chemistry</i> , 2018 , 57, 1693-1697	5.1	33
35	Ormosil nanoparticles as a sustained-release drug delivery vehicle. <i>RSC Advances</i> , 2014 , 4, 53498-53504	3.7	24
34	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
33	Nano-Structured Dilute Magnetic Semiconductors for Efficient Spintronics at Room Temperature. <i>Magnetochemistry</i> , 2020 , 6, 15	3.1	22
32	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
31	Interaction of nescapine 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
30	Detection of the anticoagulant drug warfarin by palladium complexes. <i>Dalton Transactions</i> , 2017 , 46, 10205-10209	4.3	17
29	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
28	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
27	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
26	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
25	Reductive metabolites of curcumin and their therapeutic effects. <i>Heliyon</i> , 2020 , 6, e05469	3.6	14
24	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

23	Dipicolinamide and isophthalamide based fluorescent chemosensors: recognition and detection of assorted analytes. <i>Dalton Transactions</i> , 2020 , 49, 9544-9555	4.3	12
22	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
21	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
20	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
19	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
18	Ultrahigh Infrared Photoresponse in Titanium Sesquioxide at Mott-Insulator Transition. <i>Advanced Materials Interfaces</i> , 2020 , 7, 2001091	4.6	7
17	Turn-on detection of assorted phosphates by luminescent chemosensors. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 3587-3607	6.8	7
16	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
15	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
14	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
13	(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
12	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
11	Chiral Mn(III)Salalen and Salan 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
10	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
9	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
8	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
7	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
6	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

5	Pincers Based on Dicarboxamide and Dithiocarboxamide Functional Groups 2018 , 295-325		2
4	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
3	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
2	Hydro-meteorological Correlations of Himalayan Glaciers: A Review. <i>Journal of Climate Change</i> , 2021 , 7, 45-55	0.7	
1	Hydrogeochemical characteristics of meltwater draining from Himalayan glaciers: a critical review. <i>Arabian Journal of Geosciences</i> , 2022 , 15, 1	1.8	