Pramod Kumar

List of Publications by Year
in descending order

41	909	430843 18	477281 29
papers	citations	h-index	g-index

41	41	41	857
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Turn-On Fluorescent Sensors for the Selective Detection of Al³⁺ (and Ga³⁺) 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 Pd²⁺ 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 H₂S 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 Al³⁺ and Fe³⁺ 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 Cu²⁺/Fe²⁺/Fe³⁺ions by ruthenium(<scp>ii</scp>)-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 Zn²⁺and Cd²⁺ions: isolation of Zn- and Cd-MOFs and reversibility studies. Dalton Transactions, 2018, 47, 14686-14695.	3.3	21
18	Znâ€•and Cdâ€based Coordination Polymers Offering Hâ€Bonding Cavities: Highly Selective Sensing of S₂O₇^{2â^'} and Fe³⁺ Ions. Chemistry - an Asian Journal, 2019, 14, 4594-4600.	3.3	20

#	Article	IF	Citations
19	Copper ion luminescence on/off sensing by a quinoline-appended ruthenium(II)-polypyridyl complex in aqueous media. Journal of Molecular Structure, 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. Urban Climate, 2021, 40, 101013.	5.7	19
21	Synthesis of MacMillan catalyst modified with ionic liquid as a recoverable catalyst for asymmetric Dielsâ€“Alder reaction. RSC Advances, 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. Inorganic Chemistry, 2021, 60, 17889-17899.	4.0	18
23	Ibuprofen-based chemosensor for efficient binding and sensing of Cu2+ ion in aqueous medium. Journal of Molecular Structure, 2020, 1199, 127003.	3.6	17
24	Dipicolinamide and isophthalamide based fluorescent chemosensors: recognition and detection of assorted analytes. Dalton Transactions, 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). Journal of Molecular Structure, 2022, 1261, 132901.	3.6	17
26	A highly selective sensor for Cu2+ and Fe3+ ions in aqueous medium: Spectroscopic, computational and cell imaging studies. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 364, 811-818.	3.9	15
27	Ruthenium(II)â€Polypyridylâ€Based Sensor Bearing a DPA Unit for Selective Detection of Cu(II) Ion in Aqueous Medium. ChemistrySelect, 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. International Journal of Environmental Analytical Chemistry, 2022, 102, 8346-8369.	3.3	10
29	Curcumin Oxidation Is Required for Inhibition of Helicobacter pylori Growth, Translocation and Phosphorylation of Cag A. Frontiers in Cellular and Infection Microbiology, 2021, 11, 765842.	3.9	9
30	Ultrahigh Infrared Photoresponse in Titanium Sesquioxide at Mottâ€Insulator Transition. Advanced Materials Interfaces, 2020, 7, 2001091.	3.7	8
31	Ex vivo binding studies of the anti-cancer drug noscapine with human hemoglobin: a spectroscopic and molecular docking study. New Journal of Chemistry, 2021, 45, 1525-1534.	2.8	7
32	Optically and magnetically doped ormosil nanoparticles for bioimaging: synthesis, characterization, and in vitro studies. RSC Advances, 2014, 4, 16181-16187.	3.6	6
33	Chiral Mn^{III}â€“salalen and â€“salan Complexes Derived from (S)â€Pyrrolidinâ€2â€ylmethanamine and Their Catalytic Activity in the Asymmetric Strecker Reaction. European Journal of Inorganic Chemistry, 2014, 2014, 5077-5083.	2.0	6
34	Developing a simple and water soluble thiophene-functionalized Ru(II)-polypyridyl complex for ferric ion detection. Inorganic Chemistry Communication, 2019, 107, 107500.	3.9	6
35	(S)-Pyrrolidine-Containing Chiral Manganese(III)â€“Salalen and â€“Salan Complexes as Catalysts for the Asymmetric Henry Reaction. Synlett, 2016, 27, 267-271.	1.8	5
36	Pincers Based on Dicarboxamide and Dithiocarboxamide Functional Groups. , 2018, , 295-325.		4

#	Article	IF	Citations
37	Synthesis of chiral salalen ligands and their inâ€situ generated Cuâ€complexes for asymmetric Henry reaction. Chirality, 2018, 30, 1257-1268.	2.6	3
38	Hydrogeochemical characteristics of meltwater draining from Himalayan glaciers: a critical review. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	2
39	Recent progress on synthetic and protein-based genetically encoded sensors for fluorimetric Cu(<scp>i</scp>) recognition: binding and reaction-based approaches. Sensors & Diagnostics, 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. Journal of Climate Change, 2021, 7, 45-55.	0.5	0