Arunabha Thakur

List of Publications by Year
in descending order

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33	755	471509	526287
papers	citations	17	27
		h-index	g-index

34	34	34	794
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cyclic vs. acyclic alkyne towards Hg2+ ion detection: combined experimental and theoretical studies. New Journal of Chemistry, 2022, 46, 2989-3005.	2.8	1
2	A novel quinoline-based NNN-pincer Cu(<scp>ii</scp>) complex as a superior catalyst for oxidative esterification of allylic C(sp³)â€“H bonds. Organic and Biomolecular Chemistry, 2022, 20, 3540-3549.	2.8	4
3	A conjugated photoresponsive dithienyletheneâ€“ferrocene system: applications in secret writing and decoding information. Journal of Materials Chemistry C, 2022, 10, 8860-8873.	5.5	5
4	Strategic design of a 2,6-disubstituted pyridine-based probe having hard-soft centers: responsive divergence from one core. New Journal of Chemistry, 2022, 46, 12103-12119.	2.8	4
5	Recent advances in the development of ferrocene based electroactive small molecules for cation recognition: A comprehensive review of the years 2010â€“2020. Coordination Chemistry Reviews, 2021, 431, 213685.	18.8	40
6	Light-Triggered Metal Coordination Dynamics in Photoswitchable Dithienyletheneâ€“Ferrocene System. Inorganic Chemistry, 2021, 60, 6086-6098.	4.0	2
7	Naphthol based positional isomers of ferrocene appended benzochromene: Differential selectivity towards Hg(II) ion. Journal of Organometallic Chemistry, 2021, 949, 121958.	1.8	3
8	Oxidation-Induced Differentially Selective Turn-On Fluorescence via Photoinduced Electron Transfer Based on a Ferrocene-Appended Coumarinâ€“Quinoline Platform: Application in Cascaded Molecular Logic. Inorganic Chemistry, 2020, 59, 4493-4507.	4.0	26
9	Microwave-Assisted Neat Synthesis of a Ferrocene Appended Phenolphthalein Diyne: A Designed Synthetic Scaffold for Hg²⁺ Ion. Inorganic Chemistry, 2020, 59, 10099-10112.	4.0	10
10	Ferrocene appended fluorescein-based ratiomeric fluorescence and electrochemical chemosensor for Fe3+ and Hg2+ ions in aqueous media: Application in real samples analysis. Inorganica Chimica Acta, 2019, 498, 119097.	2.4	18
11	Metal-coordination driven intramolecular twisting: a turn-on fluorescent-redox probe for Hg2+ ions through the interaction of ferrocene nonbonding orbitals and dibenzylidenehydrazine. Dalton Transactions, 2019, 48, 8209-8220.	3.3	10
12	Naphthalene-glycine conjugate: An extremely selective colorimetric chemosensor for iodide ion in aqueous solution. Sensors and Actuators B: Chemical, 2018, 267, 617-626.	7.8	16
13	A Redox-Driven Fluorescence â€œOffâ€“Onâ€•Molecular Switch Based on a 1,1â€²-Unsymmetrically Substituted Ferrocenyl Coumarin System: Mimicking Combinational Logic Operation. Organometallics, 2017, 36, 829-838.	2.3	27
14	An Efficient Molecular Tool with Ferrocene Backbone: Discriminating Fe³⁺ from Fe²⁺ in Aqueous Media. Organometallics, 2017, 36, 2141-2152.	2.3	26
15	ICTâ€“Isomerization-Induced Turn-On Fluorescence Probe with a Large Emission Shift for Mercury Ion: Application in Combinational Molecular Logic. Inorganic Chemistry, 2017, 56, 11577-11590.	4.0	54
16	Triazole appended mono and 1,1â€² di-substituted ferrocene-naphthalene conjugates: Highly selective and sensitive multi-responsive probes for Hg(II). Sensors and Actuators B: Chemical, 2017, 240, 640-650.	7.8	22
17	Neutral tris(azolyl)phosphanes: An intriguing class of molecules in chemistry. Coordination Chemistry Reviews, 2016, 329, 16-52.	18.8	9
18	Unprecedented ferroceneâ€“quinoline conjugates: facile proton conduction via 1D helical water chains and a selective chemosensor for Zn(ii) ions in water. RSC Advances, 2015, 5, 15690-15694.	3.6	6

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19	Triazolyl Alkoxy Fischer Carbene Complexes in Conjugation with Ferrocene/Pyrene as Sensory Units: Multifunctional Chemosensors for Lead(II), Copper(II), and Zinc(II) Ions. Organometallics, 2014, 33, 3096-3107.	2.3	49
20	Synthesis of triazole linked fluorescent amino acid and carbohydrate bio-conjugates: a highly sensitive and skeleton selective multi-responsive chemosensor for Cu(<scp>ii</scp>) and Pb(<scp>ii</scp>)/Hg(<scp>ii</scp>) ions. RSC Advances, 2014, 4, 1918-1928.	3.6	28
21	Synthesis and sensing properties of 1,1â€²-disubstituted unsymmetrical ferrocene-triazole derivatives: a multichannel probe for Hg(ii) ion. RSC Advances, 2013, 3, 18614.	3.6	25
22	A triazole tethered triferrocene derivative as a selective chemosensor for mercury(II) in aqueous environment. Polyhedron, 2013, 52, 1109-1117.	2.2	17
23	A triazole based triferrocene derivative as a multiresponsive chemosensor forÂHg(II) ion and a redox chemosensor for H2PO4â^' ion. Journal of Organometallic Chemistry, 2013, 726, 71-78.	1.8	25
24	Sensitive and Selective Redox, Chromogenic, and â€œTurn-Onâ€•Fluorescent Probe for Pb(II) in Aqueous Environment. Analytical Chemistry, 2013, 85, 1665-1674.	6.5	76
25	Novel Triple-Decker Sandwich Complex with a Six-Membered [B₃Co₂(Î¼₄-Te)] Ring as the Middle Deck. Inorganic Chemistry, 2013, 52, 2262-2264.	4.0	24
26	Novel Class of Heterometallic Cubane and Boride Clusters Containing Heavier Group 16 Elements. Inorganic Chemistry, 2012, 51, 8322-8330.	4.0	34
27	An Efficient Ferrocene Derivative as a Chromogenic, Optical, and Electrochemical Receptor for Selective Recognition of Mercury(II) in an Aqueous Environment. Organometallics, 2012, 31, 819-826.	2.3	32
28	Click-generated triazole based ferrocene-carbohydrate bioconjugates: A highly selective multisignalling probe for Cu(II) ions. Journal of Chemical Sciences, 2012, 124, 1255-1260.	1.5	15
29	Catecholboryl-functionalized ferrocene based Lewis acid system: A selective probe for fluoride ion through multiple channels. Journal of Organometallic Chemistry, 2012, 715, 129-135.	1.8	33
30	A Highly Selective Redox, Chromogenic, and Fluorescent Chemosensor for Hg²⁺ in Aqueous Solution Based on Ferroceneâ€“Glycine Bioconjugates. Inorganic Chemistry, 2011, 50, 7066-7073.	4.0	73
31	A Homometallic Tricapped Cubane Cluster: [(Cp*Mo)4B4H4(Î¼4-BH)3] (Cp* = Î·5-C5Me5). Inorganic Chemistry, 2011, 50, 7940-7942.	4.0	9
32	Synthesis of mono and doubly alkynyl substituted ferrocene and its crystal engineering using â€“Câ€“HÂ·Â·Â·O supramolecular synthon. Journal of Organometallic Chemistry, 2010, 695, 1059-1064.	1.8	22
33	A new synthetic route to Lindqvist type clusters [(n-Bu4N)x][Mâ€²M5O19] [when x = 2, Mâ€² = M = Mo or W; x = 3, Mâ€² = Mo, M = W] from metal carbonyl precursors [(CO)5ML] [M = Mo, W; L= CO, C(OMe)(Me)]. Dalton Transactions, 2009, , 7552.	3.3	8