Ashwani Kumar

List of Publications by Year
in descending order

34	1,249	361413	395702
papers	citations	20 h-index	33 g-index

34	34	34	1223
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chromofluorogenic naphthoquinolinedione-based probes for sensitive detection and removal of Hg2+ in aqueous solutions. Dyes and Pigments, 2022, 198, 110025.	3.7	21
2	A Chromo-Fluorogenic Naphthoquinolinedione-Based Probe for Dual Detection of Cu2+ and Its Use for Various Water Samples. Molecules, 2022, 27, 785.	3.8	7
3	Development of 1,3-acetonedicarboxylate-derived glucoside amphiphiles (ACAs) for membrane protein study. Chemical Science, 2022, 13, 5750-5759.	7.4	5
4	A bis(fluorenyl-triazole)-conjugated naphthoquinoline-dione probe for a cascade detection of Cu2+ and Fâ^' and its logic circuit with a memory unit. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 431, 114048.	3.9	6
5	Sensitive detection of DMSO/DMF in water, human urine and blood plasma using novel 1,8-naphthalimide-based amphiphilic spectroscopic probes. Dyes and Pigments, 2021, 189, 109240.	3.7	15
6	Pyridoanthrone-based chromo-fluorogenic amphiphiles for selective CNâ^' detection and their bioimaging application. Sensors and Actuators B: Chemical, 2020, 304, 127396.	7.8	25
7	A dual-responsive anthrapyridone-triazole-based probe for selective detection of Ni2+ and Cu2+: A mimetic system for molecular logic gates based on color change. Dyes and Pigments, 2020, 174, 108092.	3.7	30
8	A novel anthrapyridone diamine-based probe for selective and distinctive Cu2+ and Hg2+ sensing in aqueous solution; utility as molecular logic gates. Dyes and Pigments, 2020, 181, 108522.	3.7	30
9	Selfâ€Assembly Behaviors of a Pentaâ€Phenylene Maltoside and Its Application for Membrane Protein Study. Chemistry - an Asian Journal, 2019, 14, 1926-1931.	3.3	11
10	Fluorescence tunable thiophene-bis(benzimidazole)-based probes for a cascade trace detection of Hg2+ and lysine: A molecular switch mimic. Sensors and Actuators B: Chemical, 2019, 281, 933-944.	7.8	36
11	TURN-ON fluorescence detection of cyanide using an ensemble system consisting of a dansyl-based cationic probe and dicyanovinyl derivative. Dyes and Pigments, 2019, 162, 348-357.	3.7	23
12	Aggregation induced emission enhancement behavior of conformationally rigid pyreneamide-based probe for ultra-trace detection of picric acid (PA). Dyes and Pigments, 2018, 156, 307-317.	3.7	27
13	Electronically tuned sulfonamide-based probes with ultra-sensitivity for Ga3+ or Al3+ detection in aqueous solution. Analytica Chimica Acta, 2017, 958, 38-50.	5.4	40
14	A simple and dual responsive ultrasensitive thioether-functionalized pyrenesulfonamide for the cascade detection of mercury ion and dithiouracil, a mimetic system for molecular logic gates. Sensors and Actuators B: Chemical, 2017, 251, 416-426.	7.8	18
15	Pyreneamide-based dipodal probes for ultra-sensitive and selective detection of 3,5-dinitrosalicylic acid in an aqueous solution. Dyes and Pigments, 2017, 147, 400-412.	3.7	12
16	Sensitive and selective fluorescence OFF-ON-OFF sensor for cascade detection of Ga 3+ cation and I â^' anion based on pyrenesulfonamide-functionalized inorganic/organic hybrid nanoparticles. Sensors and Actuators B: Chemical, 2017, 239, 85-93.	7.8	24
17	New 1,8-naphthalimide-conjugated sulfonamide probes for TNP sensing in water. Sensors and Actuators B: Chemical, 2017, 240, 1-9.	7.8	61
18	Imidazole-appended 9,10-anthracenedicarboxamide probe for sensing nitrophenols and selective determination of 2,4,6-trinitrophenol in an EtOHâ€“water medium. RSC Advances, 2016, 6, 68627-68637.	3.6	18

#	Article	IF	Citations
19	A Facile Method for Detection of Substituted Salicylic Acids Using Pyrenesulfonamideâ€Terminated Selfâ€Assembled Monolayers on Silicon Oxide Surfaces. Bulletin of the Korean Chemical Society, 2016, 37, 748-751.	1.9	0
20	Selective fluorescence sensing of 3,5-dinitrosalicylic acid based on pyrenesulfonamide-functionalized inorganic/organic hybrid nanoparticles. Journal of Industrial and Engineering Chemistry, 2016, 44, 82-89.	5.8	12
21	Pyrene-appended imidazolium probe for 2,4,6-trinitrophenol in water. Sensors and Actuators B: Chemical, 2016, 231, 293-301.	7.8	67
22	Pyrenebutylamidopropylimidazole as a multi-analyte sensor for 3,5-dinitrosalicylic acid and Hg 2+ ions. Journal of Luminescence, 2016, 172, 309-316.	3.1	21
23	A pyrenesulfonyl-imidazolium derivative as a selective cyanide ion sensor in aqueous media. New Journal of Chemistry, 2015, 39, 2935-2942.	2.8	41
24	Pyrene-appended imidazolium probes as 3,5-dinitrosalicylic acid sensors in 10% aqueous media. Dyes and Pigments, 2015, 122, 351-358.	3.7	23
25	N-(3-Imidazolyl)propyl dansylamide as a selective Hg2+ sensor in aqueous media through electron transfer. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 148, 250-254.	3.9	22
26	Selective fluorescence sensing of salicylic acids using a simple pyrenesulfonamide receptor. RSC Advances, 2015, 5, 23613-23621.	3.6	21
27	9-N-Alkylaminomethylanthracene probes for selective fluorescence sensing of pentafluorophenol. RSC Advances, 2015, 5, 81808-81816.	3.6	20
28	9-Anthracenecarboxamide fluorescent probes for selective discrimination of picric acid from mono- and di-nitrophenols in ethanol. Tetrahedron Letters, 2015, 56, 7094-7099.	1.4	31
29	Viologen substituted anthrone derivatives for selective detection of cyanide ions using voltammetry. Analytical Methods, 2013, 5, 5565.	2.7	29
30	N,N-dimethylaminoethylaminoanthrone â€“ A chromofluorogenic chemosensor for estimation of Cu2+ in aqueous medium and HeLa cells imaging. Sensors and Actuators B: Chemical, 2013, 177, 904-912.	7.8	38
31	Chemodosimeters: An approach for detection and estimation of biologically and medically relevant metal ions, anions and thiols. Coordination Chemistry Reviews, 2012, 256, 1992-2028.	18.8	353
32	Anthroneamine based chromofluorogenic probes for Hg2+ detection in aqueous solution. Tetrahedron Letters, 2012, 53, 2030-2034.	1.4	21
33	Internal electric field driven chromofluorescent chemodosimeter for fluoride ions. Sensors and Actuators B: Chemical, 2010, 145, 1-6.	7.8	16
34	Chromofluorescent Probes for Selective Detection of Fluoride and Acetate Ions. Organic Letters, 2008, 10, 5549-5552.	4.6	125