Gulshan Kumar

List of Publications by Year
in descending order

15	275	1040056 9	996975 15
papers	citations	h-index	g-index

15	15	15	333
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemodosimeters for optical detection of fluoride anion. Coordination Chemistry Reviews, 2020, 405, 213138.	18.8	64
2	Aggregation induced emission-excited state intramolecular proton transfer based â€œ off-on â€• fluorescent sensor for Al 3+ ions in liquid and solid state. Sensors and Actuators B: Chemical, 2018, 263, 585-593.	7.8	47
3	Acrylonitrile embedded benzimidazole-anthraquinone based chromofluorescent sensor for ratiometric detection of CNâ¯ ions in bovine serum albumin. Sensors and Actuators B: Chemical, 2018, 267, 549-558.	7.8	22
4	Deciphering the excited state intramolecular charge-coupled double proton transfer in an asymmetric quinolineâ€“benzimidazole system. New Journal of Chemistry, 2020, 44, 12866-12874.	2.8	22
5	Ratiometric chemosensor for differentiation of TNP from other NACs using distinct blue fluorescence and visualization of latent fingerprints. Journal of Materials Chemistry C, 2021, 9, 1097-1106.	5.5	22
6	Self-agglomerated crystalline needles harnessing ESIPT and AIEE features for the â€˜turn-onâ€™ fluorescence detection of Al³⁺ ions. New Journal of Chemistry, 2018, 42, 18550-18558.	2.8	19
7	Dual-channel ratiometric recognition of Al3+ and Fâ¯ ions through an ESIPT-ESICT signalling mechanism. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 247, 119112.	3.9	17
8	Fluorescence imaging of surface-versatile latent fingerprints at the second and third level using double ESIPT-based AIE fluorophore. New Journal of Chemistry, 2021, 45, 7705-7713.	2.8	16
9	Donorâ€“Ïâ€“acceptor (Dâ€“Ïâ€“A) dyad for ratiometric detection of Hg²⁺ and PPi. New Journal of Chemistry, 2018, 42, 12729-12736.	2.8	11
10	Thiazolidine based differential chromo-fluorescent sensor for Cu2+ and CNâ¯ ions: Elaboration as logic devices. Journal of Luminescence, 2016, 180, 292-300.	3.1	8
11	Single molecular platform displaying PET and hydrolysis sensing mechanism for differential detection of metal ions. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 380, 111845.	3.9	7
12	A stilbazolium dye-based chromogenic and red-fluorescent probe for recognition of 2,4,6-trinitrophenol in water. New Journal of Chemistry, 2020, 44, 10870-10877.	2.8	7
13	BINOL-based differential chromo-fluorescent sensor and its application in miniaturized 1-2/4-2 bit encoders and decoders. New Journal of Chemistry, 2018, 42, 2491-2497.	2.8	5
14	Investigation of rotameric conformations of substituted imidazo-[1,2-a]pyrazine: experimental and theoretical approaches. RSC Advances, 2018, 8, 9707-9717.	3.6	4
15	An ESIPT based versatile fluorescent probe for bioimaging live-cells and E. coli under strongly acidic conditions. New Journal of Chemistry, 2021, 45, 19145-19153.	2.8	4