

Gulshan Kumar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5556168/publications.pdf>

Version: 2024-02-01

15
papers

275
citations

1040056

9
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

333
citing authors

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