

Priyanka Srivastava

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/628667/publications.pdf>

Version: 2024-02-01

26
papers

665
citations

567281

15
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

920
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective Naked-Eye Detection of Hg ²⁺ through an Efficient Turn-On Photoinduced Electron Transfer Fluorescent Probe and Its Real Applications. <i>Analytical Chemistry</i> , 2014, 86, 8693-8699.	6.5	113
2	An efficient naphthalimide based fluorescent dyad (ANPI) for F ⁻ and Hg ²⁺ mimicking OR, XNOR and INHIBIT logic functions. <i>New Journal of Chemistry</i> , 2011, 35, 1690.	2.8	57
3	Highly sensitive cell imaging "On-Off" fluorescent probe for mitochondria and ATP. <i>Biosensors and Bioelectronics</i> , 2015, 69, 179-185.	10.1	52
4	Thiourea based molecular dyad (ANTU): Fluorogenic Hg ²⁺ selective chemodosimeter exhibiting blue-green fluorescence in aqueous-ethanol environment. <i>Sensors and Actuators B: Chemical</i> , 2013, 181, 584-595.	7.8	45
5	Dual Fluorophore Containing Efficient Photoinduced Electron Transfer Based Molecular Probe for Selective Detection of Cr ³⁺ and PO ₄ ³⁻ Ions through Fluorescence Turn-On "Off-Response in Partial Aqueous and Biological Medium: Live Cell Imaging and Logic Application. <i>Analytical Chemistry</i> , 2018, 90, 10974-10981.	6.5	40
6	Fluorescent probe mimicking multiple logic gates and a molecular keypad lock upon interaction with Hg ²⁺ and bovine serum albumin. <i>Analyst</i> , 2012, 137, 3470.	3.5	39
7	Protein assisted fluorescence enhancement of a dansyl containing fluorescent reagent: Detection of Hg ⁺ ion in aqueous medium. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 5051.	2.8	33
8	A simple blue fluorescent probe to detect Hg ²⁺ in semiaqueous environment by intramolecular charge transfer mechanism. <i>Tetrahedron Letters</i> , 2013, 54, 3688-3693.	1.4	32
9	An azo based colorimetric probe for the detection of cysteine and lysine amino acids and its real application in human blood plasma. <i>RSC Advances</i> , 2014, 4, 16999.	3.6	29
10	Fluorescent chemosensor: recognition of metal ions in aqueous medium by fluorescence quenching. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011, 69, 119-129.	1.6	19
11	An efficient multichannel probe to detect anions in different media and its real application in human blood plasma. <i>RSC Advances</i> , 2014, 4, 22308.	3.6	19
12	Molecular recognition phenomenon in aromatic compounds. <i>Research on Chemical Intermediates</i> , 2013, 39, 2925-2944.	2.7	18
13	Synthesis and application of a new class of D-A type charge transfer probe containing imidazole naphthalene units for detection of F ⁻ and CO ₂ . <i>RSC Advances</i> , 2017, 7, 4941-4949.	3.6	18
14	A smart FRET probe exhibiting a molecular keypad lock device based on rapid detection of nitric oxide mediated by Cu ²⁺ ion. <i>Sensors and Actuators B: Chemical</i> , 2019, 291, 478-484.	7.8	18
15	Smart excimer fluorescence probe for visual detection, cell imaging and extraction of Hg ²⁺ . <i>RSC Advances</i> , 2015, 5, 79538-79547.	3.6	16
16	Unusual reverse face-to-face stacking in propylene linked pyrazole system: perspective of organic materials. <i>Structural Chemistry</i> , 2015, 26, 555-563.	2.0	16
17	Off-On-Off fluorescence behavior of an intramolecular charge transfer probe toward anions and CO ₂ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 168, 21-28.	3.9	14
18	Synthesis and spectroscopic characterization of a fluorescent phenanthrene-rhodamine dyad for ratiometric measurements of acid pH values. <i>New Journal of Chemistry</i> , 2021, 45, 13755-13762.	2.8	14

#	ARTICLE	IF	CITATIONS
19	A polynuclear hetero atom containing molecular organic scaffold to detect Al ³⁺ ion through a fluorescence turn-on response. RSC Advances, 2015, 5, 61513-61520.	3.6	13
20	Multicolor Polystyrene Nanosensors for the Monitoring of Acidic, Neutral, and Basic pH Values and Cellular Uptake Studies. Analytical Chemistry, 2022, 94, 9656-9664.	6.5	13
21	Biological perspectives of a FRET based pH-probe exhibiting molecular logic gate operation with altering pH. New Journal of Chemistry, 2018, 42, 9543-9549.	2.8	12
22	A luminescent pH-sensitive lysosome targeting Eu(III) probe. New Journal of Chemistry, 2020, 44, 3570-3573.	2.8	11
23	Selective induced polarization through electron transfer in acetone and pyrazole ester derivatives via C=H...O interaction. New Journal of Chemistry, 2014, 38, 4885-4892.	2.8	10
24	Detection of Zn ²⁺ ion on a reusable fluorescent mesoporous silica beads in aqueous medium. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2013, 77, 241-248.	1.6	8
25	Applications of Dithioacetals in Ester Synthesis. Synthetic Communications, 2009, 39, 2837-2842.	2.1	4
26	Michael Reaction Based Simple Turn-On Fluorescent Chemodosimeter to Detect Cys in Partial Aqueous Medium. ChemistrySelect, 2018, 3, 12900-12906.	1.5	2