

# Priyanka Srivastava

## List of Publications by Year in descending order

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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	Multicolor Polystyrene Nanosensors for the Monitoring of Acidic, Neutral, and Basic pH Values and Cellular Uptake Studies. <i>Analytical Chemistry</i> , 2022, 94, 9656-9664.	6.5	13
2	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
3	A luminescent pH-sensitive lysosome targeting Eu(III) probe. <i>New Journal of Chemistry</i> , 2020, 44, 3570-3573.	2.8	11
4	A smart FRET probe exhibiting a molecular keypad lock device based on rapid detection of nitric oxide mediated by Cu <sup>2+</sup> ion. <i>Sensors and Actuators B: Chemical</i> , 2019, 291, 478-484.	7.8	18
5	Biological perspectives of a FRET based pH-probe exhibiting molecular logic gate operation with altering pH. <i>New Journal of Chemistry</i> , 2018, 42, 9543-9549.	2.8	12
6	Michaelis-Menten Reaction Based Simple Turn-On Fluorescent Chemodosimeter to Detect Cys in Partial Aqueous Medium. <i>ChemistrySelect</i> , 2018, 3, 12900-12906.	1.5	2
7	Dual Fluorophore Containing Efficient Photoinduced Electron Transfer Based Molecular Probe for Selective Detection of Cr <sup>3+</sup> and PO <sub>4</sub> <sup>3-</sup> Ions through Fluorescence Turn-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
8	Synthesis and application of a new class of D-A type charge transfer probe containing imidazole naphthalene units for detection of F <sup>-</sup> and CO <sub>2</sub> . <i>RSC Advances</i> , 2017, 7, 4941-4949.	3.6	18
9	Off-On-Off fluorescence behavior of an intramolecular charge transfer probe toward anions and CO <sub>2</sub> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 168, 21-28.	3.9	14
10	Highly sensitive cell imaging fluorescent probe for mitochondria and ATP. <i>Biosensors and Bioelectronics</i> , 2015, 69, 179-185.	10.1	52
11	A polynuclear hetero atom containing molecular organic scaffold to detect Al <sup>3+</sup> ion through a fluorescence turn-on response. <i>RSC Advances</i> , 2015, 5, 61513-61520.	3.6	13
12	Smart excimer fluorescence probe for visual detection, cell imaging and extraction of Hg <sup>2+</sup> . <i>RSC Advances</i> , 2015, 5, 79538-79547.	3.6	16
13	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
14	Selective induced polarization through electron transfer in acetone and pyrazole ester derivatives via C-H...O interaction. <i>New Journal of Chemistry</i> , 2014, 38, 4885-4892.	2.8	10
15	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
16	Selective Naked-Eye Detection of Hg <sup>2+</sup> 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
17	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
18	Detection of Zn <sup>2+</sup> ion on a reusable fluorescent mesoporous silica beads in aqueous medium. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 77, 241-248.	1.6	8

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19	Thiourea based molecular dyad (ANTU): Fluorogenic Hg <sup>2+</sup> selective chemodosimeter exhibiting blue-green fluorescence in aqueous-ethanol environment. <i>Sensors and Actuators B: Chemical</i> , 2013, 181, 584-595.	7.8	45
20	Molecular recognition phenomenon in aromatic compounds. <i>Research on Chemical Intermediates</i> , 2013, 39, 2925-2944.	2.7	18
21	A simple blue fluorescent probe to detect Hg <sup>2+</sup> in semiaqueous environment by intramolecular charge transfer mechanism. <i>Tetrahedron Letters</i> , 2013, 54, 3688-3693.	1.4	32
22	Fluorescent probe mimicking multiple logic gates and a molecular keypad lock upon interaction with Hg <sup>2+</sup> and bovine serum albumin. <i>Analyst</i> , 2012, 137, 3470.	3.5	39
23	Protein assisted fluorescence enhancement of a dansyl containing fluorescent reagent: Detection of Hg <sup>+</sup> ion in aqueous medium. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 5051.	2.8	33
24	An efficient naphthalimide based fluorescent dyad (ANPI) for F <sup>-</sup> and Hg <sup>2+</sup> mimicking OR, XNOR and INHIBIT logic functions. <i>New Journal of Chemistry</i> , 2011, 35, 1690.	2.8	57
25	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
26	Applications of Dithioacetals in Ester Synthesis. <i>Synthetic Communications</i> , 2009, 39, 2837-2842.	2.1	4