Sujoy Das

List of Publications by Citations

35 papers	345 citations	12 h-index	16 g-index
39 ext. papers	419 ext. citations	4.2 avg, IF	4.09 L-index

#	Paper	IF	Citations
35	Simple Bisthiocarbonohydrazone as a Sensitive, Selective, Colorimetric, and Ratiometric Fluorescent Chemosensor for Picric Acids. *ACS Omega*, **2017**, 2, 1583-1593	3.9	29
34	Aminomethylpyrene-based imino-phenols as primary fluorescence switch-on sensors for Al3+ in solution and in Vero cells and their complexes as secondary recognition ensembles toward pyrophosphate. *RSC Advances*, **2015**, 5, 81203-81211	3.7	26
33	Pyrene appended thymine derivative for selective turn-on fluorescence sensing of uric acid in live cells. *RSC Advances*, **2016**, 6, 66774-66778	3.7	26
32	Visualisation of DCP, a nerve agent mimic, in Catfish brain by a simple chemosensor. *Scientific Reports*, **2018**, 8, 3402	4.9	24
31	Selective Recognition and Quantification of 2,3-Bisphosphoglycerate in Human Blood Samples by a Rhodamine Derivative. *Asian Journal of Organic Chemistry*, **2017**, 6, 71-75	3	18
30	A colorimetric sensor for hydrogen sulfide: Detection from biogas and quantitative estimation in water. *Sensors and Actuators B: Chemical*, **2019**, 291, 287-292	8.5	16
29	Rapid estimation of lead in lipsticks. *Sensors and Actuators B: Chemical*, **2018**, 266, 80-85	8.5	15
28	Selective fluorescence sensing and quantification of uric acid by naphthyridine-based receptor in biological sample. *Bioorganic Chemistry*, **2017**, 71, 315-324	5.1	14
27	Differential detection and quantification of cyclic AMP and other adenosine phosphates in live cells. *Chemical Communications*, **2017**, 53, 7600-7603	5.8	14
26	Selective sensing of Al ions by nitrophenyl induced coordination: imaging in zebrafish brain tissue. *Organic and Biomolecular Chemistry*, **2019**, 17, 5230-5233	3.9	14
25	Molecular recognition of caffeine in solution and solid state. *Bioorganic Chemistry*, **2015**, 58, 26-47	5.1	14
24	Rare Crystal Structure of Open Spirolactam Ring along with the Closed-Ring Form of a Rhodamine Derivative: Sensing of Cu Ions from Spinach. *ACS Omega*, **2019**, 4, 5270-5274	3.9	13
23	Streptomyces sp SM01 isolated from Indian soil produces a novel antibiotic picolinamycin effective against multi drug resistant bacterial strains. *Scientific Reports*, **2020**, 10, 10092	4.9	12
22	A chemosensor to recognize N-acyl homoserine lactone in bacterial biofilm. *Sensors and Actuators B: Chemical*, **2018**, 259, 332-338	8.5	11
21	Turn-on fluorescence sensing of cytosine: development of a chemosensor for quantification of cytosine in human cancer cells. *RSC Advances*, **2017**, 7, 54008-54012	3.7	11
20	Easy and rapid estimation of ammonia in cold-storage potatoes: precautions in the environment. *New Journal of Chemistry*, **2019**, 43, 6843-6847	3.6	9
19	Insights into the phenomenon of acquisition and accumulation of Fe3+ in Hygrophila spinosa through fluorimetry and fluorescence images. *Tetrahedron Letters*, **2020**, 61, 151520	2	9

18	Consumption of HS from Our Daily Diet: Determination by a Simple Chemosensing Method. *ACS Omega*, **2018**, 3, 11617-11623	3.9	9
17	Estimation of hydrogen sulfide from crude petroleum: a unique invention using a simple chemosensor. *New Journal of Chemistry*, **2019**, 43, 12369-12374	3.6	8
16	Development of a new fluorescent probe for cysteine detection in processed food samples. *Analytical and Bioanalytical Chemistry*, **2019**, 411, 6203-6212	4.4	7
15	Prompt detection of endogenous hypochlorite (ClO) in murine macrophages and zebrafish embryos facilitated by a distinctive chemodosimetric mode. *Organic and Biomolecular Chemistry*, **2020**, 18, 6716-6723	3.9	7
14	Rapid and selective visual detection of DCNP (nerve gas mimic) in sea water and soil with a simple paper strip. *Results in Chemistry*, **2019**, 1, 100014	2.1	7
13	First Chemosensor for Selective Detection and Quantification of L-4-Hydroxyproline in Collagen and Other Bio Samples. *Analytical Chemistry*, **2017**, 89, 13054-13057	7.8	6
12	Highly Selective Optical and Fluorescence Turn On Signaling of Al3+: Cell Imaging and Estimation in Rice Plant. *ChemistrySelect*, **2019**, 4, 13968-13973	1.8	5
11	A Multi-Signaling Performance for Simultaneous Surveillance and Accretion of Cysteine and Serine in Human Cancer Cell. *Asian Journal of Organic Chemistry*, **2020**, 9, 94-98	3	4
10	Introduction of a luminescent sensor for tracking trace levels of hydrazine in insect pollinated cropland flowers. *New Journal of Chemistry*, **2021**, 45, 17095-17100	3.6	3
9	A handy and accessible tool for identification of Sn(II) in toothpaste.. *Scientific Reports*, **2022**, 12, 2305	4.9	2
8	A unique dual sensor for the detection of DCNP (nerve agent mimic) and Cd2+ in water. *New Journal of Chemistry*, **2019**, 43, 16968-16974	3.6	2
7	2'-Deoxy-5-(hydroxymethyl)cytidine: estimation in human cancer cells with a simple chemosensor.. *RSC Advances*, **2018**, 8, 39893-39896	3.7	2
6	Easy and rapid chemosensing method for the identification of accumulated tin in algae: a strategy to protect a marine eco-system. *New Journal of Chemistry*,	3.6	1
5	Retraction: Differential detection and quantification of cyclic AMP and other adenosine phosphates in live cells. *Chemical Communications*, **2019**, 55, 13016	5.8	1
4	Fluorescence Off On Off Signaling with zinc ensemble: a new array of investigating prevalence of ATP in liver cancer cells. *New Journal of Chemistry*, **2021**, 45, 3188-3192	3.6	1
3	Involvement of a unique chemodosimeter in the selective estimation of noxious cyanide in common water hyacinth (): an environmental refinement. *Environmental Sciences: Processes and Impacts*, **2021**, 23, 1308-1315	4.3	1
2	Luminescence turn-on response of naphthalene diimide based chemosensor with Formaldehyde: A novel stratagem for estimation of formaldehyde in storage fish samples. *Bioorganic and Medicinal Chemistry Letters*, **2021**, 49, 128287	2.9	1
1	A selective luminescent probe to monitor cellular ATP: Potential application for in vivo imaging in zebrafish embryo. *Journal of Photochemistry and Photobiology A: Chemistry*, **2022**, 428, 113895	4.7	