

Sujoy Das

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

514
citations

623734

14
h-index

713466

21
g-index

39
all docs

39
docs citations

39
times ranked

551
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple Bisthiocarbonohydrazone as a Sensitive, Selective, Colorimetric, and Ratiometric Fluorescent Chemosensor for Picric Acids. ACS Omega, 2017, 2, 1583-1593.	3.5	42
2	Visualisation of DCP, a nerve agent mimic, in Catfish brain by a simple chemosensor. Scientific Reports, 2018, 8, 3402.	3.3	41
3	Streptomyces sp SM01 isolated from Indian soil produces a novel antibiotic picolinamycin effective against multi drug resistant bacterial strains. Scientific Reports, 2020, 10, 10092.	3.3	32
4	Pyrene appended thymine derivative for selective turn-on fluorescence sensing of uric acid in live cells. RSC Advances, 2016, 6, 66774-66778.	3.6	30
5	Aminomethylpyrene-based imino-phenols as primary fluorescence switch-on sensors for Al ³⁺ in solution and in Vero cells and their complexes as secondary recognition ensembles toward pyrophosphate. RSC Advances, 2015, 5, 81203-81211.	3.6	28
6	A colorimetric sensor for hydrogen sulfide: Detection from biogas and quantitative estimation in water. Sensors and Actuators B: Chemical, 2019, 291, 287-292.	7.8	25
7	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.	2.7	23
8	Development of a new fluorescent probe for cysteine detection in processed food samples. Analytical and Bioanalytical Chemistry, 2019, 411, 6203-6212.	3.7	19
9	Selective fluorescence sensing and quantification of uric acid by naphthyridine-based receptor in biological sample. Bioorganic Chemistry, 2017, 71, 315-324.	4.1	18
10	Rapid estimation of lead in lipsticks. Sensors and Actuators B: Chemical, 2018, 266, 80-85.	7.8	18
11	Rare Crystal Structure of Open Spirolactam Ring along with the Closed-Ring Form of a Rhodamine Derivative: Sensing of Cu ²⁺ Ions from Spinach. ACS Omega, 2019, 4, 5270-5274.	3.5	18
12	Molecular recognition of caffeine in solution and solid state. Bioorganic Chemistry, 2015, 58, 26-47.	4.1	17
13	“Turn-on” fluorescence sensing of cytosine: development of a chemosensor for quantification of cytosine in human cancer cells. RSC Advances, 2017, 7, 54008-54012.	3.6	15
14	Selective sensing of Al ³⁺ ions by nitrophenyl induced coordination: imaging in zebrafish brain tissue. Organic and Biomolecular Chemistry, 2019, 17, 5230-5233.	2.8	15
15	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.	2.0	15
16	Consumption of H ₂ S from Our Daily Diet: Determination by a Simple Chemosensing Method. ACS Omega, 2018, 3, 11617-11623.	3.5	14
17	A chemosensor to recognize N-acyl homoserine lactone in bacterial biofilm. Sensors and Actuators B: Chemical, 2018, 259, 332-338.	7.8	13
18	Estimation of hydrogen sulfide from crude petroleum: a unique invention using a simple chemosensor. New Journal of Chemistry, 2019, 43, 12369-12374.	2.8	13

#	ARTICLE	IF	CITATIONS
19	First Chemosensor for Selective Detection and Quantification of L-4-Hydroxyproline in Collagen and Other Bio Samples. <i>Analytical Chemistry</i> , 2017, 89, 13054-13057.	6.5	12
20	Easy and rapid estimation of ammonia in cold-storage potatoes: precautions in the environment. <i>New Journal of Chemistry</i> , 2019, 43, 6843-6847.	2.8	11
21	Highly Selective Optical and Fluorescence “Turn On” Signaling of Al ³⁺ : Cell Imaging and Estimation in Rice Plant. <i>ChemistrySelect</i> , 2019, 4, 13968-13973.	1.5	9
22	Insights into the phenomenon of acquisition and accumulation of Fe ³⁺ in <i>Hygrophila spinosa</i> through fluorimetry and fluorescence images. <i>Tetrahedron Letters</i> , 2020, 61, 151520.	1.4	9
23	A unique dual sensor for the detection of DCNP (nerve agent mimic) and Cd ²⁺ in water. <i>New Journal of Chemistry</i> , 2019, 43, 16968-16974.	2.8	8
24	Prompt detection of endogenous hypochlorite (ClO ⁻) in murine macrophages and zebrafish embryos facilitated by a distinctive chemodosimetric mode. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6716-6723.	2.8	8
25	Introduction of a luminescent sensor for tracking trace levels of hydrazine in insect pollinated cropland flowers. <i>New Journal of Chemistry</i> , 2021, 45, 17095-17100.	2.8	7
26	Easy and rapid chemosensing method for the identification of accumulated tin in algae: a strategy to protect a marine eco-system. <i>New Journal of Chemistry</i> , 2022, 46, 4233-4238.	2.8	7
27	A Multi-Signaling Performance for Simultaneous Surveillance and Accretion of Cysteine and Serine in Human Cancer Cell. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 94-98.	2.7	6
28	Luminescence turn-on response of naphthalene diimide based chemosensor with Formaldehyde: A novel stratagem for estimation of formaldehyde in storage fish samples. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 49, 128287.	2.2	5
29	Fluorescence “off-on” signaling with zinc ensemble: a new array of investigating prevalence of ATP in liver cancer cells. <i>New Journal of Chemistry</i> , 2021, 45, 3188-3192.	2.8	4
30	Involvement of a unique chemodosimeter in the selective estimation of noxious cyanide in common water hyacinth (<i>Eichhornia crassipes</i>): an environmental refinement. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 1308-1315.	3.5	4
31	A handy and accessible tool for identification of Sn(II) in toothpaste. <i>Scientific Reports</i> , 2022, 12, 2305.	3.3	4
32	An antibacterial compound pyrimidomycin produced by <i>Streptomyces</i> sp. PSAA01 isolated from soil of Eastern Himalayan foothill. <i>Scientific Reports</i> , 2022, 12, .	3.3	4
33	2-Deoxy-5-(hydroxymethyl)cytidine: estimation in human cancer cells with a simple chemosensor. <i>RSC Advances</i> , 2018, 8, 39893-39896.	3.6	2
34	Spectroscopic and Computational Studies on a Dansyl Based Luminescent Probe: Detection of Water Contaminant in Hygroscopic Deuterated Solvents. <i>Letters in Organic Chemistry</i> , 2022, 19, 71-82.	0.5	2
35	A selective luminescent probe to monitor cellular ATP: Potential application for in vivo imaging in zebrafish embryo. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 428, 113895.	3.9	1