

# Sujoy Das

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	A handy and accessible tool for identification of Sn(II) in toothpaste.. <i>Scientific Reports</i> , <b>2022</b> , 12, 2305	4.9	2
34	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> , <b>2022</b> , 428, 113895	4.7	
33	Fluorescence signaling with zinc ensemble: a new array of investigating prevalence of ATP in liver cancer cells. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 3188-3192	3.6	1
32	Introduction of a luminescent sensor for tracking trace levels of hydrazine in insect pollinated cropland flowers. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 17095-17100	3.6	3
31	Involvement of a unique chemodosimeter in the selective estimation of noxious cyanide in common water hyacinth (): an environmental refinement. <i>Environmental Sciences: Processes and Impacts</i> , <b>2021</b> , 23, 1308-1315	4.3	1
30	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> , <b>2021</b> , 49, 128287	2.9	1
29	Streptomyces sp SM01 isolated from Indian soil produces a novel antibiotic picolinamycin effective against multi drug resistant bacterial strains. <i>Scientific Reports</i> , <b>2020</b> , 10, 10092	4.9	12
28	Insights into the phenomenon of acquisition and accumulation of Fe <sup>3+</sup> in Hygrophila spinosa through fluorimetry and fluorescence images. <i>Tetrahedron Letters</i> , <b>2020</b> , 61, 151520	2	9
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> , <b>2020</b> , 9, 94-98	3	4
26	Prompt detection of endogenous hypochlorite (ClO) in murine macrophages and zebrafish embryos facilitated by a distinctive chemodosimetric mode. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 6716-6723	3.9	7
25	A colorimetric sensor for hydrogen sulfide: Detection from biogas and quantitative estimation in water. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 291, 287-292	8.5	16
24	Rare Crystal Structure of Open Spirolactam Ring along with the Closed-Ring Form of a Rhodamine Derivative: Sensing of Cu Ions from Spinach. <i>ACS Omega</i> , <b>2019</b> , 4, 5270-5274	3.9	13
23	Easy and rapid estimation of ammonia in cold-storage potatoes: precautions in the environment. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 6843-6847	3.6	9
22	Selective sensing of Al ions by nitrophenyl induced coordination: imaging in zebrafish brain tissue. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 5230-5233	3.9	14
21	Development of a new fluorescent probe for cysteine detection in processed food samples. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 6203-6212	4.4	7
20	Estimation of hydrogen sulfide from crude petroleum: a unique invention using a simple chemosensor. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 12369-12374	3.6	8
19	A unique dual sensor for the detection of DCNP (nerve agent mimic) and Cd <sup>2+</sup> in water. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 16968-16974	3.6	2

18	Rapid and selective visual detection of DCNP (nerve gas mimic) in sea water and soil with a simple paper strip. <i>Results in Chemistry</i> , <b>2019</b> , 1, 100014	2.1	7
17	Highly Selective Optical and Fluorescence Turn On Signaling of Al <sup>3+</sup> : Cell Imaging and Estimation in Rice Plant. <i>ChemistrySelect</i> , <b>2019</b> , 4, 13968-13973	1.8	5
16	Retraction: Differential detection and quantification of cyclic AMP and other adenosine phosphates in live cells. <i>Chemical Communications</i> , <b>2019</b> , 55, 13016	5.8	1
15	Visualisation of DCP, a nerve agent mimic, in Catfish brain by a simple chemosensor. <i>Scientific Reports</i> , <b>2018</b> , 8, 3402	4.9	24
14	A chemosensor to recognize N-acyl homoserine lactone in bacterial biofilm. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 259, 332-338	8.5	11
13	Rapid estimation of lead in lipsticks. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 266, 80-85	8.5	15
12	2'-Deoxy-5-(hydroxymethyl)cytidine: estimation in human cancer cells with a simple chemosensor.. <i>RSC Advances</i> , <b>2018</b> , 8, 39893-39896	3.7	2
11	Consumption of HS from Our Daily Diet: Determination by a Simple Chemosensing Method. <i>ACS Omega</i> , <b>2018</b> , 3, 11617-11623	3.9	9
10	Selective fluorescence sensing and quantification of uric acid by naphthyridine-based receptor in biological sample. <i>Bioorganic Chemistry</i> , <b>2017</b> , 71, 315-324	5.1	14
9	Simple Bisthiocarbonohydrazone as a Sensitive, Selective, Colorimetric, and Ratiometric Fluorescent Chemosensor for Picric Acids. <i>ACS Omega</i> , <b>2017</b> , 2, 1583-1593	3.9	29
8	Differential detection and quantification of cyclic AMP and other adenosine phosphates in live cells. <i>Chemical Communications</i> , <b>2017</b> , 53, 7600-7603	5.8	14
7	First Chemosensor for Selective Detection and Quantification of L-4-Hydroxyproline in Collagen and Other Bio Samples. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 13054-13057	7.8	6
6	Selective Recognition and Quantification of 2,3-Bisphosphoglycerate in Human Blood Samples by a Rhodamine Derivative. <i>Asian Journal of Organic Chemistry</i> , <b>2017</b> , 6, 71-75	3	18
5	Turn-on fluorescence sensing of cytosine: development of a chemosensor for quantification of cytosine in human cancer cells. <i>RSC Advances</i> , <b>2017</b> , 7, 54008-54012	3.7	11
4	Pyrene appended thymine derivative for selective turn-on fluorescence sensing of uric acid in live cells. <i>RSC Advances</i> , <b>2016</b> , 6, 66774-66778	3.7	26
3	Aminomethylpyrene-based imino-phenols as primary fluorescence switch-on sensors for Al <sup>3+</sup> in solution and in Vero cells and their complexes as secondary recognition ensembles toward pyrophosphate. <i>RSC Advances</i> , <b>2015</b> , 5, 81203-81211	3.7	26
2	Molecular recognition of caffeine in solution and solid state. <i>Bioorganic Chemistry</i> , <b>2015</b> , 58, 26-47	5.1	14
1	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> ,	3.6	1

