

Sujoy Das

List of Publications by Year in descending order

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35
papers

514
citations

623188

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713013

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39
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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. | 1.6 | 42 |
| 2 | Visualisation of DCP, a nerve agent mimic, in Catfish brain by a simple chemosensor. Scientific Reports, 2018, 8, 3402. | 1.6 | 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. | 1.6 | 32 |
| 4 | Pyrene appended thymine derivative for selective turn-on fluorescence sensing of uric acid in live cells. RSC Advances, 2016, 6, 66774-66778. | 1.7 | 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. | 1.7 | 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. | 4.0 | 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. | 1.3 | 23 |
| 8 | Development of a new fluorescent probe for cysteine detection in processed food samples. Analytical and Bioanalytical Chemistry, 2019, 411, 6203-6212. | 1.9 | 19 |
| 9 | Selective fluorescence sensing and quantification of uric acid by naphthyridine-based receptor in biological sample. Bioorganic Chemistry, 2017, 71, 315-324. | 2.0 | 18 |
| 10 | Rapid estimation of lead in lipsticks. Sensors and Actuators B: Chemical, 2018, 266, 80-85. | 4.0 | 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. | 1.6 | 18 |
| 12 | Molecular recognition of caffeine in solution and solid state. Bioorganic Chemistry, 2015, 58, 26-47. | 2.0 | 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. | 1.7 | 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. | 1.5 | 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. | 0.9 | 15 |
| 16 | Consumption of H ₂ S from Our Daily Diet: Determination by a Simple Chemosensing Method. ACS Omega, 2018, 3, 11617-11623. | 1.6 | 14 |
| 17 | A chemosensor to recognize N-acyl homoserine lactone in bacterial biofilm. Sensors and Actuators B: Chemical, 2018, 259, 332-338. | 4.0 | 13 |
| 18 | Estimation of hydrogen sulfide from crude petroleum: a unique invention using a simple chemosensor. New Journal of Chemistry, 2019, 43, 12369-12374. | 1.4 | 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. | 3.2 | 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. | 1.4 | 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. | 0.7 | 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. | 0.7 | 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. | 1.4 | 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. | 1.5 | 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. | 1.4 | 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. | 1.4 | 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. | 1.3 | 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. | 1.0 | 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. | 1.4 | 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. | 1.7 | 4 |
| 31 | A handy and accessible tool for identification of Sn(II) in toothpaste. <i>Scientific Reports</i> , 2022, 12, 2305. | 1.6 | 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, . | 1.6 | 4 |
| 33 | 2-Deoxy-5-(hydroxymethyl)cytidine: estimation in human cancer cells with a simple chemosensor. <i>RSC Advances</i> , 2018, 8, 39893-39896. | 1.7 | 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. | 0.2 | 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. | 2.0 | 1 |