

Subhra Kanti Mukhopadhyay

List of Publications by Year in descending order

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papers

685
citations

623699

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30
all docs

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docs citations

30
times ranked

823
citing authors

#	ARTICLE	IF	CITATIONS
1	Metaproteomic Discovery and Characterization of a Novel Lipolytic Enzyme From an Indian Hot Spring. <i>Frontiers in Microbiology</i> , 2021, 12, 672727.	3.5	4
2	Zn ²⁺ Recognition for Pathogenesis of <i>Pick's Disease</i> via a Luminescent Test Kit. <i>ChemistrySelect</i> , 2021, 6, 6733-6739.	1.5	1
3	Intracellular Fluorometric Recognition of Explosive and Mutagenic Nitroaromatics by a Luminescent Phenanthrene-Naphthalene Sulfone. <i>ChemistrySelect</i> , 2020, 5, 8722-8728.	1.5	2
4	Engineering bio-molecular device with biocompatible sensor via symmetric encryption-decryption of spectroscopic signals towards F ⁺ detection and Zn ²⁺ recognition by the imine hydrolysis pathway. <i>New Journal of Chemistry</i> , 2020, 44, 15251-15259.	2.8	9
5	Plant Growth-Promoting Traits of a Thermophilic Strain of the <i>Klebsiella</i> Group with its Effect on Rice Plant Growth. <i>Current Microbiology</i> , 2020, 77, 2613-2622.	2.2	18
6	Microbiome and ecology of a hot spring-microbialite system on the Trans-Himalayan Plateau. <i>Scientific Reports</i> , 2020, 10, 5917.	3.3	46
7	CdS quantum dots embedded in PVP: Inorganic phosphate ion sensing in real sample and its antimicrobial activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 234, 118256.	3.9	5
8	Sensitive and Selective in Vitro Recognition of Biologically Toxic As(III) by Rhodamine Based Chemoreceptor. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 13687-13697.	6.7	34
9	Crystal structure, spectroscopic, DNA binding studies and DFT calculations of a Zn(ii) complex. <i>New Journal of Chemistry</i> , 2019, 43, 5466-5474.	2.8	12
10	Application of rice (<i>Oryza sativa</i> L.) root endophytic diazotrophic <i>Azotobacter</i> sp. strain Avi2 (MCC) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 219, 56-65.	5.3	70
11	Chelator Probe with Exceptionally High Stokes Shift for Selective Detection of OAc ⁺ with Red Emission: Application as a Biosensor. <i>ChemistrySelect</i> , 2018, 3, 1151-1156.	1.5	11
12	Trace Level Recognition of Zn ²⁺ and Cd ²⁺ by Biocompatible Chemosensor inside Androecium, Diagnosis of Pick's Disease from Urine and Biomimetic Î ² -Cell Exocytosis. <i>ACS Applied Bio Materials</i> , 2018, 1, 683-692.	4.6	19
13	Naphthalimide-Based Turn-On Fluorosensor for Aqueous Sulfide Ions for Staining in Living Cells. <i>ChemistrySelect</i> , 2017, 2, 9977-9983.	1.5	10
14	A new turn-on benzimidazole-based greenish-yellow fluorescent sensor for Zn ²⁺ ions at biological pH applicable in cell imaging. <i>New Journal of Chemistry</i> , 2017, 41, 7583-7590.	2.8	43
15	Genome Sequence of the Red Pigment-Forming <i>Meiothermus taiwanensis</i> Strain RP Isolated from Paniphala Hot Spring, India. <i>Genome Announcements</i> , 2016, 4, .	0.8	4
16	Genome Sequence of the Multiple-Protease-Producing Strain <i>Geobacillus thermoleovorans</i> N7 , a Thermophilic Bacterium Isolated from Paniphala Hot Spring, West Bengal, India. <i>Genome Announcements</i> , 2016, 4, .	0.8	7
17	Genome Sequence of the Arsenic-Resistant <i>Haladaptatus</i> sp. Strain R4 Isolated from Ramnagar, West Bengal, India. <i>Genome Announcements</i> , 2016, 4, .	0.8	5
18	Tuning of azine derivatives for selective recognition of Ag ⁺ with the in vitro tracking of endophytic bacteria in rice root tissue. <i>Dalton Transactions</i> , 2016, 45, 19491-19499.	3.3	11

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19	Dual mode ratiometric recognition of zinc acetate: nanomolar detection with in vitro tracking of endophytic bacteria in rice root tissue. Dalton Transactions, 2016, 45, 599-606.	3.3	34
20	Recognition of fluoride anions at low ppm level inside living cells and from fluorosis affected tooth and saliva samples. RSC Advances, 2015, 5, 27387-27392.	3.6	79
21	Pyridine Based Fluorescence Probe: Simultaneous Detection and Removal of Arsenate from Real Samples with Living Cell Imaging Properties. Journal of Fluorescence, 2015, 25, 1191-1201.	2.5	13
22	A simple and dual responsive efficient new Schiff base chemoreceptor for selective sensing of F^{+} and Hg^{2+} : application to bioimaging in living cells and mimicking of molecular logic gates. RSC Advances, 2015, 5, 62017-62023.	3.6	55
23	2-(2-Pyridyl) benzimidazole-based ternary Mn(ii) complex as an arsenate selective turn-on fluorescence probe: ppb level determination and cell imaging studies. New Journal of Chemistry, 2014, 38, 2744.	2.8	10
24	Visible light excitable fluorescence probe and its functionalized Merrifield polymer: selective sensing and removal of arsenate from real samples. RSC Advances, 2014, 4, 3887-3892.	3.6	21
25	A FRET operated sensor for intracellular pH mapping: strategically improved efficiency on moving from an anthracene to a naphthalene derivative. RSC Advances, 2013, 3, 14397.	3.6	24
26	Xanthone based Pb^{2+} selective turn on fluorescent probe for living cell staining. Analytical Methods, 2013, 5, 169-172.	2.7	13
27	A rhodamine-naphthalene conjugate as a FRET based sensor for Cr^{3+} and Fe^{3+} with cell staining application. Analytical Methods, 2013, 5, 442-445.	2.7	54
28	Lighting of a rhodamine-based fluorescent lamp using ClO_4^{-} as a connector: detection by the naked eye and cell imaging studies of trace amounts of ClO_4^{-} ions. RSC Advances, 2013, 3, 14044.	3.6	8
29	Anthracene appended coumarin derivative as a Cr(iii) selective turn-on fluorescent probe for living cell imaging: a green approach towards speciation studies. Analytical Methods, 2012, 4, 3163.	2.7	17
30	Interaction of soft donor sites with a hard metal ion: crystallographically characterized blue emitting fluorescent probe for Al(iii) with cell staining studies. RSC Advances, 2012, 2, 12447.	3.6	46