

Trinetra Mukherjee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1183988/publications.pdf>

Version: 2024-02-01

17
papers

239
citations

1039406

9
h-index

996533

15
g-index

17
all docs

17
docs citations

17
times ranked

382
citing authors

#	ARTICLE	IF	CITATIONS
1	Triazole-based Zn ²⁺ -specific molecular marker for fluorescence bioimaging. <i>Analytica Chimica Acta</i> , 2014, 822, 60-68.	2.6	36
2	Turn-on trivalent cation selective chemodosimetric probe to image native cellular iron pools. <i>Dalton Transactions</i> , 2014, 43, 5269.	1.6	29
3	Antioxidant properties of the carotenoid extracts of three <i>Deinococcus</i> "Thermus phylum bacteria, <i>Meiothermus</i> sp. strains RP and TP and <i>Thermus</i> sp. strain YY from Paniphala hot spring, India. <i>Nutrire</i> , 2017, 42, .	0.3	23
4	Functional Molecular Lumino-Materials to Probe Serum Albumins: Solid Phase Selective Staining Through Noncovalent Fluorescent Labeling. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 10231-10237.	4.0	21
5	Exploring 1,4-dihydroxyanthraquinone as long-range emissive ratiometric fluorescent probe for signaling Zn ²⁺ /PO 4 ³⁻ : Ensemble utilization for live cell imaging. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 148, 181-187.	1.7	20
6	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.	1.0	18
7	Cysteamine-Based Cell-Permeable Zn ²⁺ -Specific Molecular Bioimaging Materials: From Animal to Plant Cells. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 11730-11740.	4.0	17
8	Hydrazine responsive molecular material: Optical signaling and mushroom cell staining. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 418-426.	4.0	14
9	Global Association between Thermophilicity and Vancomycin Susceptibility in Bacteria. <i>Frontiers in Microbiology</i> , 2016, 7, 412.	1.5	14
10	Application of carotenoids in sustainable energy and green electronics. <i>Materials Advances</i> , 2022, 3, 1341-1358.	2.6	10
11	Green-emissive molecular marker with a TRIS-scaffold for fluorescence imaging of Zn ²⁺ in biological systems. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 277, 75-81.	2.0	9
12	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
13	Highly photostable zinc selective molecular marker bearing flexible pivotal unit: opto-fluorescence enhancement effect and imaging applications in living systems. <i>Dalton Transactions</i> , 2015, 44, 9506-9515.	1.6	6
14	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
15	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.	2.0	5
16	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
17	Comparative analysis of structural and functional aspects of phytoene synthase from <i>Meiothermus taiwanensis</i> strain RP. <i>Annals of Microbiology</i> , 2020, 70, .	1.1	1