

Sintu Kumar Samanta

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

710
citations

933447

10
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

1012
citing authors

#	ARTICLE	IF	CITATIONS
1	Naturally occurring anthraquinones as potential inhibitors of SARS-CoV-2 main protease: an integrated computational study. <i>Biologia (Poland)</i> , 2022, 77, 1121-1134.	1.5	5
2	Bacterial biofilm infections, their resistance to antibiotics therapy and current treatment strategies. <i>Biomedical Materials (Bristol)</i> , 2022, 17, 022003.	3.3	41
3	Antibacterial, Structural, and Mechanical Properties of MgO/ZnO Nanocomposites and its HA-Based Bio-Ceramics; Synthesized via Physio-Chemical Route for Biomedical Applications. <i>Materials Technology</i> , 2022, 37, 2503-2516.	3.0	8
4	Synthesis of highly stable luminescent silver nanoclusters in metal-organic framework for heightened antibacterial activity. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, 1.	2.3	5
5	Combination therapy of biogenic C-dots and lysozyme for enhanced antibacterial and antibiofilm activity. <i>Nanotechnology</i> , 2021, 32, 085104.	2.6	16
6	A Review on Basic Biology of Bacterial Biofilm Infections and Their Treatments by Nanotechnology-Based Approaches. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2020, 90, 243-259.	1.0	71
7	Role of surface charge in enhancing antibacterial activity of fluorescent carbon dots. <i>Nanotechnology</i> , 2020, 31, 095101.	2.6	44
8	A universal stress protein in <i>Mycobacterium smegmatis</i> sequesters the cAMP-regulated lysine acyltransferase and is essential for biofilm formation. <i>Journal of Biological Chemistry</i> , 2020, 295, 1500-1516.	3.4	10
9	Green synthesis of metallic nanoparticles as effective alternatives to treat antibiotics resistant bacterial infections: A review. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2020, 25, e00427.	4.4	282
10	Synthesis and applications of biogenic nanomaterials in drinking and wastewater treatment. <i>Journal of Environmental Management</i> , 2019, 231, 734-748.	7.8	94
11	A novel encystation specific protein kinase regulates chitin synthesis in <i>Entamoeba invadens</i> . <i>Molecular and Biochemical Parasitology</i> , 2018, 220, 19-27.	1.1	7
12	Single-pot biofabrication of living fibers for tissue engineering applications. <i>Journal of Materials Research</i> , 2018, 33, 2019-2028.	2.6	1
13	<i>Mycobacterium</i> phenolic glycolipid synthesis is regulated by cAMP-dependent lysine acylation of FadD22. <i>Microbiology (United Kingdom)</i> , 2017, 163, 373-382.	1.8	8
14	DNA damaging, cell cytotoxicity and serum albumin binding efficacy of the rutin-Cu complex. <i>Molecular BioSystems</i> , 2016, 12, 1687-1701.	2.9	38
15	Cell cytotoxicity and serum albumin binding capacity of the morin-Cu complex and its effect on deoxyribonucleic acid. <i>Molecular BioSystems</i> , 2016, 12, 2818-2833.	2.9	18
16	In vitro evaluation of pH-sensitive cholesterol-containing stable polymeric micelles for delivery of camptothecin. <i>Journal of Colloid and Interface Science</i> , 2014, 430, 305-314.	9.4	37
17	The chitin biosynthesis pathway in <i>Entamoeba</i> and the role of glucosamine-6-P isomerase by RNA interference. <i>Molecular and Biochemical Parasitology</i> , 2012, 186, 60-68.	1.1	23
18	Socio-demographic correlates influencing the trend of intestinal parasitic infestation in a rural community of West Bengal, India. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2012, 20, 405-412.	1.6	2