

Manab Deb Adhikari

List of Publications by Year in descending order

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16
papers

658
citations

687363

13
h-index

940533

16
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16
all docs

16
docs citations

16
times ranked

1024
citing authors

#	ARTICLE	IF	CITATIONS
1	NIR- and FRET-Based Sensing of Cu ²⁺ and S ²⁻ in Physiological Conditions and in Live Cells. <i>Inorganic Chemistry</i> , 2013, 52, 743-752.	4.0	224
2	Magnetic Nanoparticles Embedded Enzyme-Inorganic Hybrid Nanoflowers with Enhanced Peroxidase-Like Activity and Substrate Channeling for Glucose Biosensing. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801507.	7.6	77
3	Glucose oxidase-copper hybrid nanoflowers embedded with magnetic nanoparticles as an effective antibacterial agent. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 1520-1531.	7.5	50
4	Membrane-Directed High Bactericidal Activity of (Gold Nanoparticle)-Polythiophene Composite for Niche Applications Against Pathogenic Bacteria. <i>Advanced Healthcare Materials</i> , 2013, 2, 599-606.	7.6	49
5	A CHEF-based biocompatible turn ON ratiometric sensor for sensitive and selective probing of Cu ²⁺ . <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 1132-1140.	7.8	41
6	Selective sensing and efficient separation of Hg ²⁺ from aqueous medium with a pyrene based amphiphilic ligand. <i>RSC Advances</i> , 2012, 2, 9201.	3.6	37
7	Enzyme-Immobilized Chitosan Nanoparticles as Environmentally Friendly and Highly Effective Antimicrobial Agents. <i>Biomacromolecules</i> , 2019, 20, 2477-2485.	5.4	36
8	Retention of nisin activity at elevated pH in an organic acid complex and gold nanoparticle composite. <i>Chemical Communications</i> , 2012, 48, 8928.	4.1	34
9	Amphiphile-mediated enhanced antibiotic efficacy and development of a payload nanocarrier for effective killing of pathogenic bacteria. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5818.	5.8	20
10	Tuning the bactericidal repertoire and potency of quinoline-based amphiphiles for enhanced killing of pathogenic bacteria. <i>RSC Advances</i> , 2012, 2, 3864.	3.6	19
11	Synthetic amphiphiles as therapeutic antibacterials: lessons on bactericidal efficacy and cytotoxicity and potential application as an adjuvant in antimicrobial chemotherapy. <i>Journal of Materials Chemistry B</i> , 2013, 1, 2612.	5.8	17
12	Fluorescence-Based Comparative Evaluation of Bactericidal Potency and Food Application Potential of Anti-listerial Bacteriocin Produced by Lactic Acid Bacteria Isolated from Indigenous Samples. <i>Probiotics and Antimicrobial Proteins</i> , 2012, 4, 122-132.	3.9	15
13	Magnetic nanoparticles for selective capture and purification of an antimicrobial peptide secreted by food-grade lactic acid bacteria. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1432.	5.8	14
14	A facile method for estimating viable bacterial cells in solution based on "subtractive-aggregation" of gold nanoparticles. <i>RSC Advances</i> , 2012, 2, 1782-1793.	3.6	10
15	Quantitative Appraisal of the Probiotic Attributes and In Vitro Adhesion Potential of Anti-listerial Bacteriocin-producing Lactic Acid Bacteria. <i>Probiotics and Antimicrobial Proteins</i> , 2013, 5, 99-109.	3.9	9
16	2-Alkylmalonic Acid: Amphiphilic Chelator and a Potent Inhibitor of Metalloenzyme. <i>Journal of Physical Chemistry B</i> , 2010, 114, 10835-10842.	2.6	6