

Mrinal Kanti Bhattacharya

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

558
citations

933447

10
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

778
citing authors

#	ARTICLE	IF	CITATIONS
1	Curcumin as potential therapeutic natural product: a nanobiotechnological perspective. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 1481-1500.	2.4	133
2	Preparation and characterization of novel carbopol based bigels for topical delivery of metronidazole for the treatment of bacterial vaginosis. <i>Materials Science and Engineering C</i> , 2014, 44, 151-158.	7.3	120
3	Guar gum and sesame oil based novel bigels for controlled drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 582-592.	5.0	119
4	Hydrogel-Based Controlled Release Formulations: Designing Considerations, Characterization Techniques and Applications. <i>Polymer-Plastics Technology and Engineering</i> , 2013, 52, 1391-1422.	1.9	48
5	Development and characterization of gelatin-based hydrogels, emulsion hydrogels, and bigels: A comparative study. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	39
6	Contrasting diversity of vaginal lactobacilli among the females of Northeast India. <i>BMC Microbiology</i> , 2019, 19, 198.	3.3	19
7	Gelatin-carbohydrate phase-separated hydrogels as bioactive carriers in vaginal delivery: Preparation and physical characterizations. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	16
8	Modulating the properties of sunflower oil based novel emulgels using castor oil fatty acid ester: Prospects for topical antimicrobial drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 128, 155-164.	5.0	16
9	Diversity of methanogenic archaea in freshwater sediments of lacustrine ecosystems. <i>Journal of Basic Microbiology</i> , 2018, 58, 101-119.	3.3	15
10	<i>Cyathea gigantea</i> (Cyatheaceae) as an antimicrobial agent against multidrug resistant organisms. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 279.	3.7	10
11	Conjugation of micro/nanocurcumin particles to ZnO nanoparticles changes the surface charge and hydrodynamic size thereby enhancing its antibacterial activity against <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> . <i>Biotechnology and Applied Biochemistry</i> , 2021, 68, 603-615.	3.1	8
12	Genipin-Crosslinked Gelatin-Based Emulgels: an Insight into the Thermal, Mechanical, and Electrical Studies. <i>AAPS PharmSciTech</i> , 2015, 16, 1254-1262.	3.3	7
13	Development and characterization of gelatin-polysaccharide based phase-separated hydrogels for prevention of sexually transmitted diseases. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	6
14	Probiotic and Cytotoxic Potential of Vaginal Lactobacillus Isolated from Healthy Northeast Indian Women. <i>Journal of Pure and Applied Microbiology</i> , 2020, 14, 205-214.	0.9	2