

# Mrinal Kanti Bhattacharya

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6317713/publications.pdf>

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	Conjugation of micro/nanocurcumin particles to ZnO nanoparticles changes the surface charge and hydrodynamic size thereby enhancing its antibacterial activity against Escherichia coli and Staphylococcus aureus. <i>Biotechnology and Applied Biochemistry</i> , 2021, 68, 603-615.	3.1	8
2	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
3	Cyathea gigantea (Cyatheaceae) as an antimicrobial agent against multidrug resistant organisms. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 279.	3.7	10
4	Contrasting diversity of vaginal lactobacilli among the females of Northeast India. <i>BMC Microbiology</i> , 2019, 19, 198.	3.3	19
5	Diversity of methanogenic archaea in freshwater sediments of lacustrine ecosystems. <i>Journal of Basic Microbiology</i> , 2018, 58, 101-119.	3.3	15
6	Curcumin as potential therapeutic natural product: a nanobiotechnological perspective. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 1481-1500.	2.4	133
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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