

Denial Mahata

List of Publications by Year in descending order

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17
papers

210
citations

1307594

7
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

333
citing authors

#	ARTICLE	IF	CITATIONS
1	Purification, biochemical characterization and self-assembled structure of a fengycin-like antifungal peptide from <i>Bacillus thuringiensis</i> strain SM1. <i>Frontiers in Microbiology</i> , 2013, 4, 332.	3.5	53
2	Functional and structural insights on self-assembled nanofiber-based novel antibacterial ointment from antimicrobial peptides, bacitracin and gramicidin S. <i>Journal of Antibiotics</i> , 2014, 67, 771-775.	2.0	32
3	Self-assembled cardanol azo derivatives as antifungal agent with chitin-binding ability. <i>International Journal of Biological Macromolecules</i> , 2014, 69, 5-11.	7.5	25
4	FUNCTIONALIZATION OF ACRYLONITRILE BUTADIENE RUBBER WITH META-PENTADECENYL PHENOL, A MULTIFUNCTIONAL ADDITIVE AND A RENEWABLE RESOURCE. <i>Rubber Chemistry and Technology</i> , 2017, 90, 683-698.	1.2	15
5	A self-assembled clavanin A-coated amniotic membrane scaffold for the prevention of biofilm formation by ocular surface fungal pathogens. <i>Biofouling</i> , 2017, 33, 881-891.	2.2	13
6	Poly(butylene adipate-co-terephthalate) Polyester Synthesis Process and Product Development. <i>Polymer Science - Series C</i> , 2021, 63, 102-111.	1.7	11
7	Functionalization of styrene-butadiene rubber with meta-pentadecenyl phenol for better processing: A multifunctional additive and renewable resource. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45150.	2.6	9
8	Phosphorylated cardanol prepolymer grafted guayule natural rubber: an advantageous green natural rubber. <i>Iranian Polymer Journal (English Edition)</i> , 2018, 27, 307-318.	2.4	8
9	Antibacterial coating on in-line suction respiratory catheter to inhibit the bacterial biofilm formation using renewable cardanyl methacrylate copolymer. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017, 28, 365-379.	3.5	7
10	Self-Assembled Tea Tannin Graft Copolymer as Nanocarriers for Antimicrobial Drug Delivery and Wound Healing Activity. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 2361-2369.	0.9	6
11	Guayule natural rubber composites: impact of fillers on their cure characteristics, dynamic and mechanical behavior. <i>Iranian Polymer Journal (English Edition)</i> , 2020, 29, 393-401.	2.4	6
12	Amphotericin B and anidulafungin directly interact with DNA and induce oxidative damage in the mammalian genome. <i>Molecular BioSystems</i> , 2015, 11, 2551-2559.	2.9	5
13	Self-assembled capsules of poly-N-glycidyl histidine ether-tannic acid for inhibition of biofilm formation in urinary catheters. <i>RSC Advances</i> , 2015, 5, 69215-69219.	3.6	5
14	Self-assembled amphotericin B loaded into a self-assembled cardanol derivative as a soft green carrier for delivery and enhanced antifungal activity. <i>RSC Advances</i> , 2014, 4, 48559-48562.	3.6	4
15	Molecular self-assembly of copolymer from renewable phenols: new class of antimicrobial ointment base. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 2187-2200.	3.5	4
16	In situ functionalization of poly(butylene adipate-co-terephthalate) polyester with a multi-functional macromolecular additive. <i>Iranian Polymer Journal (English Edition)</i> , 2020, 29, 1045-1055.	2.4	4
17	Phosphorylated cardanol prepolymer-grafted carboxylated styrene-butadiene rubber for better processing with enhancing silica filler dispersion. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47528.	2.6	3