Arup Mukherjee

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1110781/publications.pdf

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15	311	933447	996975
papers	citations	10	15
		h-index	g-index

15	15	15	452
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	New water resistant biomaterial biocide film based on guar gum. Bioresource Technology, 2011, 102, 5878-5883.	9.6	55
2	Semi-interpenetrating hydrogels from carboxymethyl guar gum and gelatin for ciprofloxacin sustained release. International Journal of Biological Macromolecules, 2018, 120, 1823-1833.	7.5	54
3	Guar gum benzoate nanoparticle reinforced gelatin films for enhanced thermal insulation, mechanical and antimicrobial properties. Carbohydrate Polymers, 2017, 170, 89-98.	10.2	37
4	Newer guar gum ester/chicken feather keratin interact films for tissue engineering. International Journal of Biological Macromolecules, 2021, 180, 339-354.	7.5	31
5	Carboxymethyl guar gum synthesis in homogeneous phase and macroporous 3D scaffolds design for tissue engineering. Carbohydrate Polymers, 2018, 191, 71-78.	10.2	29
6	Tailoring doxorubicin sustainable release from biopolymeric smart matrix using congo red as molecular helper. Journal of Materials Chemistry B, 2014, 2, 5178.	5.8	19
7	Antifungal ouzo nanoparticles from guar gum propionate. RSC Advances, 2016, 6, 106563-106571.	3.6	18
8	Guar gum cinnamate ouzo nanoparticles for bacterial contact killing in water environment. Carbohydrate Research, 2020, 491, 107983.	2.3	15
9	Lactoferrin-tethered betulinic acid nanoparticles promote rapid delivery and cell death in triple negative breast and laryngeal cancer cells. Artificial Cells, Nanomedicine and Biotechnology, 2020, 48, 1362-1371.	2.8	14
10	Fe3O4 coated guargum nanoparticles as non-genotoxic materials for biological application. International Journal of Biological Macromolecules, 2020, 165, 333-345.	7.5	13
11	Synthesis of Guar gum Propionate Nanoparticles for Antimicrobial Applications. Materials Today: Proceedings, 2018, 5, 9683-9689.	1.8	8
12	Chemometric design to explore pharmacophore features of BACE inhibitors for controlling Alzheimer's disease. Molecular BioSystems, 2015, 11, 549-557.	2.9	7
13	Guar gum propionate-kojic acid films for Escherichia coli biofilm disruption and simultaneous inhibition of planktonic growth. International Journal of Biological Macromolecules, 2022, 211, 57-73.	7.5	6
14	Design and Study of In Silico Binding Dynamics of Certain Isoxazole Bearing Leads Against AÎ²-42 and BACE-1 Loop in Protein Fibrillation. Letters in Drug Design and Discovery, 2022, 19, 192-213.	0.7	3
15	Development of Pyrazole Harbouring Novel Leads Against Î²-Amyloid Protein Fibrillation by in silico Drug Design. Journal of Computational Biophysics and Chemistry, 2022, 21, 541-553.	1.7	2