

# Arup Mukherjee

## List of Publications by Year in descending order

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15  
papers

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933447

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Design and Study of In Silico Binding Dynamics of Certain Isoxazole Bearing Leads Against A $\beta$ -42 and BACE-1 Loop in Protein Fibrillation. Letters in Drug Design and Discovery, 2022, 19, 192-213.	0.7	3
2	Development of Pyrazole Harboring Novel Leads Against $\beta$ -Amyloid Protein Fibrillation by <i>in silico</i> Drug Design. Journal of Computational Biophysics and Chemistry, 2022, 21, 541-553.	1.7	2
3	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
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	Fe <sub>3</sub> O <sub>4</sub> coated guargum nanoparticles as non-genotoxic materials for biological application. International Journal of Biological Macromolecules, 2020, 165, 333-345.	7.5	13
6	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
7	Guar gum cinnamate ouzo nanoparticles for bacterial contact killing in water environment. Carbohydrate Research, 2020, 491, 107983.	2.3	15
8	Synthesis of Guar gum Propionate Nanoparticles for Antimicrobial Applications. Materials Today: Proceedings, 2018, 5, 9683-9689.	1.8	8
9	Carboxymethyl guar gum synthesis in homogeneous phase and macroporous 3D scaffolds design for tissue engineering. Carbohydrate Polymers, 2018, 191, 71-78.	10.2	29
10	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
11	Guar gum benzoate nanoparticle reinforced gelatin films for enhanced thermal insulation, mechanical and antimicrobial properties. Carbohydrate Polymers, 2017, 170, 89-98.	10.2	37
12	Antifungal ouzo nanoparticles from guar gum propionate. RSC Advances, 2016, 6, 106563-106571.	3.6	18
13	Chemometric design to explore pharmacophore features of BACE inhibitors for controlling Alzheimer's disease. Molecular BioSystems, 2015, 11, 549-557.	2.9	7
14	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
15	New water resistant biomaterial biocide film based on guar gum. Bioresource Technology, 2011, 102, 5878-5883.	9.6	55