

Chander Amgoth

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Metal (Au)-Decorated Chitosan-Arginine Polymeric Vector for Codelivery of Gefitinib and miR125b for Lung Cancer Therapy. ACS Applied Polymer Materials, 2022, 4, 1675-1687.	4.4	11
2	Two polymorphs of remdesivir: crystal structure, solubility, and pharmacokinetic study. CrystEngComm, 2021, 23, 2923-2927.	2.6	5
3	'Plateau-like coral' polymer particles with dendritic structure and porous channels: Effective delivery of anticancer drugs. Journal of Applied Polymer Science, 2021, 138, 50386.	2.6	3
4	Block copolymer [(GluA-5-BE)-b-(AspA-4-BE)]-based nanoflower capsules with thermosensitive morphology and pH-responsive drug release for cancer therapy. Journal of Materials Chemistry B, 2020, 8, 9258-9268.	5.8	13
5	Solvent-Assisted [(Glycine) ₂ MP-SiO ₂ NPs] Aggregate for Drug Loading and Cancer Therapy. ChemistrySelect, 2020, 5, 8221-8232.	1.5	12
6	Surface functionalized porous nanomaterials for theranostics. AIP Conference Proceedings, 2020, , .	0.4	1
7	COVID-19: A Mechanistic Approach to Understand the Detrimental Consequences for Vaccine Development and Perspectives. Advanced Materials Letters, 2020, 11, 1-4.	0.6	0
8	Solvent assisted size effect on AuNPs and significant inhibition on K562 cells. RSC Advances, 2019, 9, 33931-33940.	3.6	15
9	Antimicrobial and anticancer activity of AgNPs coated with Alphonsea sclerocarpa extract. 3 Biotech, 2018, 8, 156.	2.2	9
10	Composite of AuNPs@SiO ₂ NPs@[(NIPAM)-b-(PNIPAM)] b. Bulletin of Materials Science, 2018, 41, 1.	1.7	4
11	Self-assembled block copolymer [(BenzA)-b-(PCL)] micelles to orient randomly distributed AuNPs into hollow core-shell morphology and its role as payload for nanomedicines. Materials Science and Engineering C, 2018, 92, 790-799.	7.3	13
12	Thermosensitive block copolymer [(PNIPAM)-b-(Glycine)] thin film as protective layer for drug loaded mesoporous silica nanoparticles. Materials Research Express, 2017, 4, 105306.	1.6	17
13	Synthesis and Characterization of Polymeric Nanoparticles and Capsules as Payload for Anticancer Drugs and Nanomedicines. Materials Today: Proceedings, 2016, 3, 3833-3837.	1.8	15
14	Nanoporous capsules of block co-polymers of [(MeO-PEG-NH)-b-(L-GluA)]-PCL for the controlled release of anticancer drugs for therapeutic applications. Nanotechnology, 2016, 27, 125101.	2.6	25
15	Polyaniline nanotubes with rectangular-hollow-core and its self-assembled surface decoration: high conductivity and dielectric properties. RSC Advances, 2014, 4, 12342-12352.	3.6	14
16	Polymer Properties: Functionalization and Surface Modified Nanoparticles. , 0, , .		10