

# Chander Amgoth

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/983670/publications.pdf>

Version: 2024-02-01

16  
papers

167  
citations

1040056

9  
h-index

1199594

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

198  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoporous capsules of block co-polymers of [(MeO-PEG-NH)-<i>b</i>-(<i>L</i>-GluA)]-PCL for the controlled release of anticancer drugs for therapeutic applications. Nanotechnology, 2016, 27, 125101.	2.6	25
2	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
3	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
4	Solvent assisted size effect on AuNPs and significant inhibition on K562 cells. RSC Advances, 2019, 9, 33931-33940.	3.6	15
5	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
6	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
7	Block copolymer [(<sc>l</sc>-GluA-5-BE)-<i>b</i>-(<sc>l</sc>-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
8	Solvent-Assisted [(Glycine)-MP-SiO <sub>2</sub> NPs] Aggregate for Drug Loading and Cancer Therapy. ChemistrySelect, 2020, 5, 8221-8232.	1.5	12
9	Metal (Au)-Decorated Chitosan-<sc>l</sc>-Arginine Polymeric Vector for Codelivery of Gefitinib and miR125b for Lung Cancer Therapy. ACS Applied Polymer Materials, 2022, 4, 1675-1687.	4.4	11
10	Polymer Properties: Functionalization and Surface Modified Nanoparticles. , 0, , .		10
11	Antimicrobial and anticancer activity of AgNPs coated with Alphonsea sclerocarpa extract. 3 Biotech, 2018, 8, 156.	2.2	9
12	Two polymorphs of remdesivir: crystal structure, solubility, and pharmacokinetic study. CrystEngComm, 2021, 23, 2923-2927.	2.6	5
13	Composite of AuNPs@SiO <sub>2</sub> NPs@[(NIPAM)-<math>\vec{b}</math>]. Bulletin of Materials Science, 2018, 41, 1.	1.7	4
14	'Plate-like coral' polymer particles with dendritic structure and porous channels: Effective delivery of anti-cancer drugs. Journal of Applied Polymer Science, 2021, 138, 50386.	2.6	3
15	Surface functionalized porous nanomaterials for theranostics. AIP Conference Proceedings, 2020, , .	0.4	1
16	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