

# Koushik Dutta

## List of Publications by Year in descending order

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397  
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#	ARTICLE	IF	CITATIONS
1	Tailoring the Efficacy of Multifunctional Biopolymeric Graphene Oxide Quantum Dot-Based Nanomaterial as Nanocargo in Cancer Therapeutic Application. ACS Biomaterials Science and Engineering, 2018, 4, 514-531.	5.2	43
2	Bio-derived cellulose nanofibril reinforced poly(N-isopropylacrylamide)-g-guar gum nanocomposite: An avant-garde biomaterial as a transdermal membrane. Polymer, 2018, 135, 85-102.	3.8	41
3	An ex situ approach to fabricating nanosilica reinforced polyacrylamide grafted guar gum nanocomposites as an efficient biomaterial for transdermal drug delivery application. New Journal of Chemistry, 2017, 41, 9461-9471.	2.8	35
4	Sustained release of ketorolac tromethamine from poloxamer 407/cellulose nanofibrils graft nanocollagen based ophthalmic formulations. International Journal of Biological Macromolecules, 2019, 140, 441-453.	7.5	28
5	Selective sensing of dopamine by sodium cholate tailored polypyrrole-silver nanocomposite. Synthetic Metals, 2020, 260, 116296.	3.9	25
6	Biosurfactant tailored synthesis of porous polypyrrole nanostructures: A facile approach towards CO <sub>2</sub> adsorption and dopamine sensing. Synthetic Metals, 2018, 245, 209-222.	3.9	21
7	Nanotailored hyaluronic acid modified methylcellulose as an injectable scaffold with enhanced physico-rheological and biological aspects. Carbohydrate Polymers, 2020, 237, 116146.	10.2	12
8	Branched/Hyperbranched Copolyesters from Poly(vinyl alcohol) and Citric Acid as Delivery Agents and Tissue Regeneration Scaffolds. Macromolecular Chemistry and Physics, 2021, 222, 2100134.	2.2	5