

Aniruddha Pal

List of Publications by Year in descending order

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16
papers

373
citations

933447

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940533

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17
times ranked

466
citing authors

#	ARTICLE	IF	CITATIONS
1	Current Developments in 3D Bioprinting for Tissue and Organ Regeneration—A Review. <i>Frontiers in Mechanical Engineering</i> , 2020, 6, .	1.8	91
2	Efficient removal of malachite green dye using biodegradable graft copolymer derived from amylopectin and poly(acrylic acid). <i>Carbohydrate Polymers</i> , 2014, 111, 108-115.	10.2	78
3	Synthesis of glycogen and poly (acrylic acid)-based graft copolymers via ATRP and its application for selective removal of Pb ²⁺ ions from aqueous solution. <i>European Polymer Journal</i> , 2015, 66, 33-46.	5.4	42
4	Bioactive Nano-Hydroxyapatite Doped Electrospun PVA-Chitosan Composite Nanofibers for Bone Tissue Engineering Applications. <i>Journal of the Indian Institute of Science</i> , 2019, 99, 289-302.	1.9	30
5	Synthesis and characterization of biodegradable copolymer derived from dextrin and poly(vinyl Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.6	24
6	Amphiphilic copolymer derived from tamarind gum and poly (methyl methacrylate) via ATRP towards selective removal of toxic dyes. <i>Carbohydrate Polymers</i> , 2017, 160, 1-8.	10.2	18
7	Synthesis of RAFT—Mediated Amphiphilic Graft Copolymeric Micelle Using Dextran and Poly (Oleic Acid) toward Oral Delivery of Nifedipine. <i>Journal of Polymer Science Part A</i> , 2018, 56, 2354-2363.	2.3	17
8	Synthesis of copolymer derived from tamarind kernel polysaccharide (TKP) and poly(methacrylic acid) via SI-ATRP with enhanced pH triggered dye removal. <i>RSC Advances</i> , 2016, 6, 2958-2965.	3.6	16
9	Synthesis of poly (ethylene glycol)-block-poly (acrylamide)-block-poly (lactide) amphiphilic copolymer through ATRP, ROP and click chemistry: Characterization, micellization and pH-triggered sustained release behaviour. <i>Polymer</i> , 2017, 127, 150-158.	3.8	13
10	Amphiphilic graft copolymeric micelle using dextrin and poly (N-vinyl caprolactam) via RAFT polymerization: Development and application. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 954-961.	7.5	13
11	Development of Crosslinked Chitosan/Au Nanocomposite, Its Characterization and Application towards Solar Light Driven Photocatalytic Degradation of Toxic Organic Compounds. <i>ChemistrySelect</i> , 2016, 1, 6115-6126.	1.5	9
12	Effect of Fe ₃ O ₄ NPs on micellization and release behavior of CBABC-type pentablock copolymer. <i>Polymer</i> , 2017, 133, 184-194.	3.8	6
13	Synthesis of triblock copolymeric micelle based on poly (ethylene glycol) and poly (vinyl acetate) through reversible addition—fragmentation chain transfer polymerization. <i>Journal of Colloid and Interface Science</i> , 2018, 524, 122-128.	9.4	6
14	Influence of Ultrasound and Magnetic Field Treatment Time on Carcinoma Cell Inhibition with Drug Carriers: An in Vitro Study. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 2752-2764.	1.5	4
15	Reversible Addition—Fragmentation Chain Transfer-Mediated Amphiphilic Copolymeric Composite as a Nanocarrier for Drug Delivery Application. <i>ACS Applied Polymer Materials</i> , 2021, 3, 5386-5396.	4.4	4
16	Synthesis and characterizations of sugar-glass nanoparticles mediated protein delivery system for tissue engineering application. <i>Nano Futures</i> , 2022, 6, 025008.	2.2	1