Kajal Ghosal

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10661102/publications.pdf

Version: 2024-02-01

17	1,005	623734 14	888059 17
papers	citations	h-index	g-index

17	17	17	1469
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrospinning tissue engineering and wound dressing scaffolds from polymer-titanium dioxide nanocomposites. Chemical Engineering Journal, 2019, 358, 1262-1278.	12.7	192
2	Structural and Surface Compatibility Study of Modified Electrospun Poly(Îµ-caprolactone) (PCL) Composites for Skin Tissue Engineering. AAPS PharmSciTech, 2017, 18, 72-81.	3.3	152
3	Electrospinning over Solvent Casting: Tuning of Mechanical Properties of Membranes. Scientific Reports, 2018, 8, 5058.	3.3	139
4	Collagen coated electrospun polycaprolactone (PCL) with titanium dioxide (TiO2) from an environmentally benign solvent: preliminary physico-chemical studies for skin substitute. Journal of Polymer Research, 2014, 21, 1.	2.4	84
5	Natural halloysite nanotubes /chitosan based bio-nanocomposite for delivering norfloxacin, an anti-microbial agent in sustained release manner. International Journal of Biological Macromolecules, 2020, 162, 1849-1861.	7.5	83
6	Novel drug delivery systems based on triaxial electrospinning based nanofibers. Reactive and Functional Polymers, 2021, 163, 104895.	4.1	62
7	Poly(ester amides) (PEAs) â€“ Scaffold for tissue engineering applications. European Polymer Journal, 2014, 60, 58-68.	5.4	60
8	Synthesis and characterization of interpenetrating polymeric networks based bio-composite alginate film: A well-designed drug delivery platform. International Journal of Biological Macromolecules, 2019, 130, 645-654.	7.5	35
9	Alginate/hydrophobic HPMC (60M) particulate systems: new matrix for site-specific and controlled drug delivery. Brazilian Journal of Pharmaceutical Sciences, 2011, 47, 833-844.	1.2	30
10	A novel vaginal drug delivery system: anti-HIV bioadhesive film containing abacavir. Journal of Materials Science: Materials in Medicine, 2014, 25, 1679-1689.	3.6	29
11	Preparation and evaluation of naringin-loaded polycaprolactone microspheres based oral suspension using Box-Behnken design. Journal of Molecular Liquids, 2018, 256, 49-57.	4.9	28
12	Novel interpenetrating polymeric network based microbeads for delivery of poorly water soluble drug. Journal of Polymer Research, 2020, 27, 1.	2.4	27
13	Eco-friendly Packaging Composite Fabrics based on in situ synthesized Silver nanoparticles (AgNPs) & treatment with Chitosan and/or Date seed extract. Nano Structures Nano Objects, 2020, 22, 100425.	3.5	23
14	Antibacterial photodynamic activity of hydrophobic carbon quantum dots and polycaprolactone based nanocomposite processed via both electrospinning and solvent casting method. Photodiagnosis and Photodynamic Therapy, 2021, 35, 102455.	2.6	22
15	Halloysite nanotube and chitosan polymer composites: Physicochemical and drug delivery properties. Journal of Drug Delivery Science and Technology, 2022, 72, 103380.	3.0	15
16	Formulation Development, Physicochemical Characterization and In Vitro-In Vivo Drug Release of Vaginal Films. Current HIV Research, 2016, 14, 295-306.	0.5	13
17	Evaluation of physicochemical properties and in-vitro release profile of glipizide-matrix patch. Brazilian Journal of Pharmaceutical Sciences, 2010, 46, 213-218.	1.2	11