Prithviraj Chakraborty

List of Publications by Year
in descending order

19 papers	161 citations	1478505 6 h-index	1125743 13 g-index
20 all docs	20 docs citations	20 times ranked	238 citing authors

#	Article	IF	Citations
1	An Outlook Towards Nano-Sponges: A Unique Drug Delivery System and its Application in Drug Delivery. Current Drug Delivery, 2023, 20, 884-903.	1.6	1
2	Application of Plant Extracts for the Synthesis of Nanoparticles in Green Chemistry: A Concise Update. Current Nanomaterials, 2023, 8, 224-232.	0.4	2
3	Development of pH-Responsive Interpenetrating Polymer Networks of Polyacrylamide-g-Gum Arabica and Sodium Alginate for Gastroprotective Delivery of Gabapentin. , 2021, 83, .		1
4	Chapter 18. "Smart"Materials Based on Cellulose Nanoparticles. , 2021, , 450-472.		0
5	Shape-memory polymer composites and their applications. , 2021, , 103-115.		2
6	A Comprehensive Review on Alginate as Wound Dressing Biomaterial. Current Applied Polymer Science, 2021, 4, 3-14.	0.2	0
7	Targeting Gemcitabine hydrochloride to tumor microenvironment through stimuli-responsive Nano-conjugate: Synthesis, characterization, and in vitro assessment. Journal of Drug Delivery Science and Technology, 2020, 60, 101981.	3.0	2
8	Recent Progress in Smart Polymers: Behavior, Mechanistic Understanding and Application. Polymer-Plastics Technology and Engineering, 2018, 57, 945-957.	1.9	18
9	Formulation Development and Optimization of Matrix Tablet of Tramadol Hydrochloride. Recent Patents on Drug Delivery and Formulation, 2017, 11, 19-27.	2.1	4
10	Factors affecting emissions from diesel fuel and water-in-diesel emulsion. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 1771-1778.	2.3	12
11	Comparative study on the predictability of statistical models (RSM and ANN) on the behavior of optimized buccoadhesive wafers containing Loratadine and their <i>in vivo</i> assessment. Drug Delivery, 2016, 23, 1016-1027.	5.7	3
12	Application of artificial neural network model in predicting physicochemical characteristics of pharmaceutically developed wafers of loratadine. Asian Journal of Pharmaceutics (discontinued), 2015, 9, 44.	0.4	3
13	Mathematical optimization and characterisation of pharmaceutically developed novel buccoadhesive wafers for rapid bioactive delivery of Loratadine. Journal of Pharmaceutical Investigation, 2013, 43, 133-143.	5.3	4
14	Formulation and Mathematical Optimization of Controlled Release Calcium Alginate Micro Pellets of Frusemide. BioMed Research International, 2013, 2013, 1-14.	1.9	4
15	Design Expert Supported Mathematical Optimization and Predictability Study of Buccoadhesive Pharmaceutical Wafers of Loratadine. BioMed Research International, 2013, 2013, 1-12.	1.9	15
16	Tailored IPN Hydrogel Bead of Sodium Carboxymethyl Cellulose and Sodium Carboxymethyl Xanthan Gum for Controlled Delivery of Diclofenac Sodium. Polymer-Plastics Technology and Engineering, 2013, 52, 795-805.	1.9	61
17	Fabrication and Development of Pectin Microsphere of Metformin Hydrochloride. ISRN Pharmaceutics, 2012, 2012, 1-7.	1.0	13
18	Phytosomes: Complexation, Utilisation and Commerical Status. Journal of Biologically Active Products From Nature, 2012, 2, 65-77.	0.3	10

#	Article	IF	Citations
19	Development and Validation of UV-Spectroscopic Method for Estimation of Niacin in Bulk and Pharmaceutical Dosage Form. Journal of Applied Pharmaceutical Science, 0, , .	1.0	5