

Prithviraj Chakraborty

List of Publications by Year in descending order

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19
papers

161
citations

1478505

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1125743

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20
all docs

20
docs citations

20
times ranked

238
citing authors

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

#	ARTICLE	IF	CITATIONS
19	A Comprehensive Review on Alginate as Wound Dressing Biomaterial. Current Applied Polymer Science, 2021, 4, 3-14.	0.2	0