Kailas S Khomane

List of Publications by Year
in descending order

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19	547	623734	794594
papers	citations	14	19
		h-index	g-index

19	19	19	583
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular Understanding of the Compaction Behavior of Indomethacin Polymorphs. Molecular Pharmaceutics, 2013, 10, 631-639.	4.6	75
2	Novel thyrotropin-releasing hormone analogs: a patent review. Expert Opinion on Therapeutic Patents, 2011, 21, 1673-1691.	5.0	55
3	Relationship between crystal structure and mechanical properties of ranitidine hydrochloride polymorphs. CrystEngComm, 2013, 15, 3959.	2.6	51
4	Counterintuitive Compaction behavior of Clopidogrel Bisulfate Polymorphs. Journal of Pharmaceutical Sciences, 2012, 101, 2408-2416.	3.3	49
5	Implication of microstructure on the mechanical behaviour of an aspirinâ€“paracetamol eutectic mixture. CrystEngComm, 2014, 16, 8471-8478.	2.6	45
6	Correlating Single Crystal Structure, Nanomechanical, and Bulk Compaction Behavior of Febuxostat Polymorphs. Molecular Pharmaceutics, 2017, 14, 866-874.	4.6	41
7	Effect of Particle Size on In-die and Out-of-die Compaction Behavior of Ranitidine Hydrochloride Polymorphs. AAPS PharmSciTech, 2013, 14, 1169-1177.	3.3	39
8	In silico model for P-glycoprotein substrate prediction: insights from molecular dynamics and in vitro studies. Journal of Computer-Aided Molecular Design, 2013, 27, 347-363.	2.9	31
9	Nanocarriers for Transmucosal Vaccine Delivery. Current Nanoscience, 2011, 7, 160-177.	1.2	25
10	Weak Hydrogen Bonding Interactions Influence Slip System Activity and Compaction Behavior of Pharmaceutical Powders. Journal of Pharmaceutical Sciences, 2013, 102, 4242-4245.	3.3	20
11	Investigating permeability related hurdles in oral delivery of 11-keto-Î²-boswellic acid. International Journal of Pharmaceutics, 2014, 464, 104-110.	5.2	20
12	Impact of differential surface molecular environment on the interparticulate bonding strength of celecoxib crystal habits. International Journal of Pharmaceutics, 2014, 460, 189-195.	5.2	17
13	NP-647, a novel TRH analogue: Investigating physicochemical parameters critical for its oral and parenteral delivery. International Journal of Pharmaceutics, 2011, 406, 21-30.	5.2	16
14	Mechanistic Insights into PEPT1-Mediated Transport of a Novel Antiepileptic, NP-647. Molecular Pharmaceutics, 2012, 9, 2458-2468.	4.6	16
15	Flow and compaction behaviour of ultrafine coated ibuprofen. International Journal of Pharmaceutics, 2013, 441, 527-534.	5.2	12
16	Yield strength of microcrystalline cellulose: Experimental evidence by dielectric spectroscopy. International Journal of Pharmaceutics, 2013, 455, 1-4.	5.2	10
17	Molecular Relaxation Behavior and Isothermal Crystallization above Glass Transition Temperature of Amorphous Hesperetin. Journal of Pharmaceutical Sciences, 2014, 103, 167-178.	3.3	9
18	Differential compaction behaviour of roller compacted granules of clopidogrel bisulphate polymorphs. International Journal of Pharmaceutics, 2014, 472, 288-295.	5.2	9

#	Article	IF	Citations
19	Intestinal transport of TRH analogs through PepT1: the role ofin silicoandin vitromodeling. Journal of Molecular Recognition, 2014, 27, 609-617.	2.1	7