

# Kailas S Khomane

## List of Publications by Year in descending order

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19  
papers

547  
citations

623734

14  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

583  
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlating Single Crystal Structure, Nanomechanical, and Bulk Compaction Behavior of Febuxostat Polymorphs. <i>Molecular Pharmaceutics</i> , 2017, 14, 866-874.	4.6	41
2	Impact of differential surface molecular environment on the interparticulate bonding strength of celecoxib crystal habits. <i>International Journal of Pharmaceutics</i> , 2014, 460, 189-195.	5.2	17
3	Molecular Relaxation Behavior and Isothermal Crystallization above Glass Transition Temperature of Amorphous Hesperetin. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 167-178.	3.3	9
4	Implication of microstructure on the mechanical behaviour of an aspirin-paracetamol eutectic mixture. <i>CrystEngComm</i> , 2014, 16, 8471-8478.	2.6	45
5	Intestinal transport of TRH analogs through PepT1: the role of <i>in silico</i> and <i>in vitro</i> modeling. <i>Journal of Molecular Recognition</i> , 2014, 27, 609-617.	2.1	7
6	Investigating permeability related hurdles in oral delivery of 11-keto- $\beta$ -boswellic acid. <i>International Journal of Pharmaceutics</i> , 2014, 464, 104-110.	5.2	20
7	Differential compaction behaviour of roller compacted granules of clopidogrel bisulphate polymorphs. <i>International Journal of Pharmaceutics</i> , 2014, 472, 288-295.	5.2	9
8	Effect of Particle Size on In-die and Out-of-die Compaction Behavior of Ranitidine Hydrochloride Polymorphs. <i>AAPS PharmSciTech</i> , 2013, 14, 1169-1177.	3.3	39
9	Yield strength of microcrystalline cellulose: Experimental evidence by dielectric spectroscopy. <i>International Journal of Pharmaceutics</i> , 2013, 455, 1-4.	5.2	10
10	Weak Hydrogen Bonding Interactions Influence Slip System Activity and Compaction Behavior of Pharmaceutical Powders. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 4242-4245.	3.3	20
11	Molecular Understanding of the Compaction Behavior of Indomethacin Polymorphs. <i>Molecular Pharmaceutics</i> , 2013, 10, 631-639.	4.6	75
12	Flow and compaction behaviour of ultrafine coated ibuprofen. <i>International Journal of Pharmaceutics</i> , 2013, 441, 527-534.	5.2	12
13	Relationship between crystal structure and mechanical properties of ranitidine hydrochloride polymorphs. <i>CrystEngComm</i> , 2013, 15, 3959.	2.6	51
14	In silico model for P-glycoprotein substrate prediction: insights from molecular dynamics and in vitro studies. <i>Journal of Computer-Aided Molecular Design</i> , 2013, 27, 347-363.	2.9	31
15	Counterintuitive Compaction behavior of Clopidogrel Bisulfate Polymorphs. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 2408-2416.	3.3	49
16	Mechanistic Insights into PEPT1-Mediated Transport of a Novel Antiepileptic, NP-647. <i>Molecular Pharmaceutics</i> , 2012, 9, 2458-2468.	4.6	16
17	Novel thyrotropin-releasing hormone analogs: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2011, 21, 1673-1691.	5.0	55
18	NP-647, a novel TRH analogue: Investigating physicochemical parameters critical for its oral and parenteral delivery. <i>International Journal of Pharmaceutics</i> , 2011, 406, 21-30.	5.2	16

#	ARTICLE	IF	CITATIONS
19	Nanocarriers for Transmucosal Vaccine Delivery. <i>Current Nanoscience</i> , 2011, 7, 160-177.	1.2	25