

# Dinesh Kumar

## List of Publications by Year in descending order

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24  
papers

1,908  
citations

567281

15  
h-index

610901

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2470  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified crystal habits of glimepiride to improve manufacturing processability. <i>Journal of Crystal Growth</i> , 2022, 592, 126711.	1.5	2
2	Study of Different Crystal Habits of Aprepitant: Dissolution and Material Attributes. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5604.	2.5	6
3	Comparison of wet milling and dry milling routes for ibuprofen pharmaceutical crystals and their impact on pharmaceutical and biopharmaceutical properties. <i>Powder Technology</i> , 2018, 330, 228-238.	4.2	25
4	Pharmaceutical solvates, hydrates and amorphous forms: A special emphasis on cocrystals. <i>Advanced Drug Delivery Reviews</i> , 2017, 117, 25-46.	13.7	239
5	Modelling and understanding powder flow properties and compactability of selected active pharmaceutical ingredients, excipients and physical mixtures from critical material properties. <i>International Journal of Pharmaceutics</i> , 2017, 531, 191-204.	5.2	33
6	Evaluation of the inhibitory potential of HPMC, PVP and HPC polymers on nucleation and crystal growth. <i>RSC Advances</i> , 2016, 6, 77569-77576.	3.6	63
7	Co amorphous systems: A product development perspective. <i>International Journal of Pharmaceutics</i> , 2016, 515, 403-415.	5.2	139
8	Crystal engineered albendazole with improved dissolution and material attributes. <i>CrystEngComm</i> , 2016, 18, 1489-1494.	2.6	30
9	Multidrug co-crystals: towards the development of effective therapeutic hybrids. <i>Drug Discovery Today</i> , 2016, 21, 481-490.	6.4	164
10	Formulation and Pharmacokinetic Evaluation of Polymeric Dispersions Containing Valsartan. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2016, 41, 517-526.	1.6	8
11	Can crystal engineering be as beneficial as micronisation and overcome its pitfalls?: A case study with cilostazol. <i>International Journal of Pharmaceutics</i> , 2015, 491, 26-34.	5.2	21
12	Effect of HPMC concentration on crystal habit of nifedipine. <i>CrystEngComm</i> , 2015, 17, 1615-1624.	2.6	17
13	Micellar carriers for the delivery of multiple therapeutic agents. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 291-308.	5.0	78
14	The role of surface chemistry in crystal morphology and its associated properties. <i>CrystEngComm</i> , 2015, 17, 6646-6650.	2.6	7
15	Effect of surfactant concentration on nifedipine crystal habit and its related pharmaceutical properties. <i>Journal of Crystal Growth</i> , 2015, 422, 44-51.	1.5	17
16	Design of a novel type IV lipid-based delivery system for improved delivery of drugs with low partition coefficient. <i>Journal of Liposome Research</i> , 2015, 25, 325-333.	3.3	9
17	Can vacuum morphologies predict solubility and intrinsic dissolution rate? A case study with felodipine polymorph form IV. <i>Journal of Computational Science</i> , 2015, 10, 178-185.	2.9	5
18	Ionic, Neutral, and Hybrid Acid-Base Crystalline Adducts of Lamotrigine with Improved Pharmaceutical Performance. <i>Crystal Growth and Design</i> , 2015, 15, 5816-5826.	3.0	29

#	ARTICLE	IF	CITATIONS
19	Impact of Nisoldipine Crystal Morphology on Its Biopharmaceutical Properties: A Layer Docking Assisted Study. <i>Organic Process Research and Development</i> , 2015, 19, 1912-1917.	2.7	10
20	Designed Isomorphism of Nifedipine: A Joint Experimental and Molecular Simulation Study with Screened Solvents and Antisolvents. <i>Crystal Growth and Design</i> , 2014, 14, 326-338.	3.0	13
21	Impact of surface area of silica particles on dissolution rate and oral bioavailability of poorly water soluble drugs: A case study with aceclofenac. <i>International Journal of Pharmaceutics</i> , 2014, 461, 459-468.	5.2	63
22	Exploration of crystal simulation potential by fluconazole isomorphism and its application in improvement of pharmaceutical properties. <i>Journal of Crystal Growth</i> , 2014, 406, 18-25.	1.5	4
23	Polymorphs, Salts, and Cocrystals: Whatâ€™s in a Name?. <i>Crystal Growth and Design</i> , 2012, 12, 2147-2152.	3.0	767
24	Polyelectrolyte stabilized multilayered liposomes for oral delivery of paclitaxel. <i>Biomaterials</i> , 2012, 33, 6758-6768.	11.4	159