

Rishi Thakkar

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

159
citations

6
h-index

12
g-index

19
ext. papers

275
ext. citations

5.4
avg, IF

3.9
L-index

#	Paper	IF	Citations
16	Systematic screening of pharmaceutical polymers for hot melt extrusion processing: a comprehensive review. <i>International Journal of Pharmaceutics</i> , 2020 , 576, 118989	6.5	44
15	Novel On-Demand 3-Dimensional (3-D) Printed Tablets Using Fill Density as an Effective Release-Controlling Tool. <i>Polymers</i> , 2020 , 12,	4.5	28
14	Structure-function correlation and personalized 3D printed tablets using a quality by design (QbD) approach. <i>International Journal of Pharmaceutics</i> , 2020 , 590, 119945	6.5	23
13	Selective Laser Sintering 3-Dimensional Printing as a Single Step Process to Prepare Amorphous Solid Dispersion Dosage Forms for Improved Solubility and Dissolution Rate. <i>Journal of Pharmaceutical Sciences</i> , 2021 , 110, 1432-1443	3.9	20
12	Emerging 3D printing technologies for drug delivery devices: Current status and future perspective. <i>Advanced Drug Delivery Reviews</i> , 2021 , 174, 294-316	18.5	10
11	A Comparison Between Lab-Scale and Hot-Melt-Extruder-Based Anti-inflammatory Ointment Manufacturing. <i>AAPS PharmSciTech</i> , 2020 , 21, 200	3.9	7
10	Synergistic application of twin-screw granulation and selective laser sintering 3D printing for the development of pharmaceutical dosage forms with enhanced dissolution rates and physical properties. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021 , 163, 141-156	5.7	6
9	Microwave induced dielectric heating for the on-demand development of indomethacin amorphous solid dispersion tablets. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 61, 102109	4.5	5
8	Impact of Laser Speed and Drug Particle Size on Selective Laser Sintering 3D Printing of Amorphous Solid Dispersions. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4
7	Near infrared light-induced disassembly of polymeric micelles based on methylene blue conjugated polyethylene glycol. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 49665	2.9	3
6	Functions of Magnetic Nanoparticles in Selective Laser Sintering (SLS) 3D Printing of Pharmaceutical Dosage Forms		3
5	Selective Laser Sintering of a Photosensitive Drug: Impact of Processing and Formulation Parameters on Degradation, Solid State, and Quality of 3D-Printed Dosage Forms. <i>Molecular Pharmaceutics</i> , 2021 , 18, 3894-3908	5.6	3
4	Synergistic application of continuous granulation and selective laser sintering 3D printing for the development of pharmaceutical dosage forms with enhanced dissolution rates and physical properties		2
3	Investigation of the Fused Deposition Modeling Additive Manufacturing I: Influence of Process Temperature on the Quality and Crystallinity of the Dosage Forms. <i>AAPS PharmSciTech</i> , 2021 , 22, 258	3.9	0
2	Comparison of HPMC Inhalation-Grade Capsules and Their Effect on Aerosol Performance Using Budesonide and Rifampicin DPI Formulations.. <i>AAPS PharmSciTech</i> , 2022 , 23, 52	3.9	
1	Emerging Technologies to Increase the Bioavailability of Poorly Water-Soluble Drugs. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2022 , 599-650	0.5	