Rishi Thakkar

List of Publications by Year in Descending Order

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