Mohammad A Azad

List of Publications by Year
in descending order

23 papers	1,014 citations	566801 15 h-index	642321 23 g-index
23 all docs	23 docs citations	23 times ranked	1061 citing authors

#	Article	IF	Citations
1	Polymers for Extrusion-Based 3D Printing of Pharmaceuticals: A Holistic Materialsâ€“Process Perspective. Pharmaceutics, 2020, 12, 124.	2.0	208
2	Nanomilling of Drugs for Bioavailability Enhancement: A Holistic Formulation-Process Perspective. Pharmaceutics, 2016, 8, 17.	2.0	148
3	Engineered Nanodelivery Systems to Improve DNA Vaccine Technologies. Pharmaceutics, 2020, 12, 30.	2.0	78
4	A study of the physical stability of wet media-milled fenofibrate suspensions using dynamic equilibrium curves. Chemical Engineering Research and Design, 2013, 91, 1245-1258.	2.7	75
5	Redispersible fast dissolving nanocomposite microparticles of poorly water-soluble drugs. International Journal of Pharmaceutics, 2014, 461, 367-379.	2.6	53
6	Enhanced physical stabilization of fenofibrate nanosuspensions via wet co-milling with a superdisintegrant and an adsorbing polymer. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 94, 372-385.	2.0	50
7	Continuous Production of Five Active Pharmaceutical Ingredients in Flexible Plug-and-Play Modules: A Demonstration Campaign. Organic Process Research and Development, 2020, 24, 2183-2196.	1.3	50
8	M cell targeting engineered biomaterials for effective vaccination. Biomaterials, 2019, 192, 75-94.	5.7	43
9	Precipitation and stabilization of ultrafine particles of Fenofibrate in aqueous suspensions by RESOLV. Powder Technology, 2013, 236, 75-84.	2.1	36
10	Spray drying of drug-swellable dispersant suspensions for preparation of fast-dissolving, high drug-loaded, surfactant-free nanocomposites. Drug Development and Industrial Pharmacy, 2015, 41, 1617-1631.	0.9	36
11	Sub-100 micron fast dissolving nanocomposite drug powders. Powder Technology, 2015, 271, 49-60.	2.1	34
12	Enhanced recovery and dissolution of griseofulvin nanoparticles from surfactant-free nanocomposite microparticles incorporating wet-milled swellable dispersants. Drug Development and Industrial Pharmacy, 2014, 40, 1509-1522.	0.9	33
13	Fast dissolution of poorly water soluble drugs from fluidized bed coated nanocomposites: Impact of carrier size. International Journal of Pharmaceutics, 2016, 513, 319-331.	2.6	33
14	Stable and Fast-Dissolving Amorphous Drug Composites Preparation via Impregnation of NeusilinÂ® UFL2. Journal of Pharmaceutical Sciences, 2018, 107, 170-182.	1.6	31
15	A compact, portable, re-configurable, and automated system for on-demand pharmaceutical tablet manufacturing. International Journal of Pharmaceutics, 2018, 539, 157-164.	2.6	24
16	A Compact Device for the Integrated Filtration, Drying, and Mechanical Processing of Active Pharmaceutical Ingredients. Journal of Pharmaceutical Sciences, 2020, 109, 1365-1372.	1.6	15
17	Preparation of stable colloidal suspensions of superdisintegrants via wet stirred media milling. Particuology, 2014, 14, 76-82.	2.0	14
18	On-Demand Manufacturing of Direct Compressible Tablets: Can Formulation Be Simplified?. Pharmaceutical Research, 2019, 36, 167.	1.7	13

#	ARTICLE	IF	CITATIONS
19	Preparation of concentrated stable fenofibrate suspensions via liquid antisolvent precipitation. Drug Development and Industrial Pharmacy, 2014, 40, 1693-1703.	0.9	11
20	Impact of Critical Material Attributes (CMAs)-Particle Shape on Miniature Pharmaceutical Unit Operations. AAPS PharmSciTech, 2021, 22, 98.	1.5	11
21	Impact of Matrix Surface Area on Griseofulvin Release from Extrudates Prepared via Nanoextrusion. Pharmaceutics, 2021, 13, 1036.	2.0	7
22	Impact of solvents during wet stirred media milling of cross-linked biopolymer suspensions. Advanced Powder Technology, 2021, 32, 4562-4575.	2.0	7
23	Fast release of liquid antisolvent precipitated fenofibrate at high drug loading from biocompatible thin films. Advanced Powder Technology, 2018, 29, 2907-2919.	2.0	4