

Adam Bohr

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.

47
papers

1,200
citations

18
h-index

34
g-index

48
ext. papers

1,377
ext. citations

5.9
avg, IF

4.62
L-index

#	Paper	IF	Citations
47	Anti-tuberculosis drug combination for controlled oral delivery using 3D printed compartmental dosage forms: From drug product design to in vivo testing. <i>Journal of Controlled Release</i> , 2017 , 268, 40-48	11.7	114
46	Three-dimensional printing of drug-eluting implants: preparation of an antimicrobial polylactide feedstock material. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 1099-107	3.9	109
45	Chitosan-Based Nano-Embedded Microparticles: Impact of Nanogel Composition on Physicochemical Properties. <i>Pharmaceutics</i> , 2016 , 9,	6.4	97
44	Modifying release characteristics from 3D printed drug-eluting products. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 90, 47-52	5.1	93
43	Preparation and characterization of spray-dried co-amorphous drug-amino acid salts. <i>Journal of Pharmacy and Pharmacology</i> , 2016 , 68, 615-24	4.8	80
42	Preparation of microspheres containing low solubility drug compound by electrohydrodynamic spraying. <i>International Journal of Pharmaceutics</i> , 2011 , 412, 59-67	6.5	60
41	Critical solvent properties affecting the particle formation process and characteristics of celecoxib-loaded plga microparticles via spray-drying. <i>Pharmaceutical Research</i> , 2013 , 30, 1065-76	4.5	51
40	Anti-Inflammatory Effect of Anti-TNF- α siRNA Cationic Phosphorus Dendrimer Nanocomplexes Administered Intranasally in a Murine Acute Lung Injury Model. <i>Biomacromolecules</i> , 2017 , 18, 2379-2388	6.9	49
39	Transforming nanomedicine manufacturing toward Quality by Design and microfluidics. <i>Advanced Drug Delivery Reviews</i> , 2018 , 128, 115-131	18.5	46
38	Release profile and characteristics of electrosprayed particles for oral delivery of a practically insoluble drug. <i>Journal of the Royal Society Interface</i> , 2012 , 9, 2437-49	4.1	46
37	Particle formation and characteristics of Celecoxib-loaded poly(lactic-co-glycolic acid) microparticles prepared in different solvents using electrospraying. <i>Polymer</i> , 2012 , 53, 3220-3229	3.9	40
36	Application of spray-drying and electrospraying/electrospinning for poorly water-soluble drugs: a particle engineering approach. <i>Current Pharmaceutical Design</i> , 2014 , 20, 325-48	3.3	35
35	Inhalable siRNA-loaded nano-embedded microparticles engineered using microfluidics and spray drying. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 120, 9-21	5.7	30
34	Pharmaceutical microparticle engineering with electrospraying: the role of mixed solvent systems in particle formation and characteristics. <i>Journal of Materials Science: Materials in Medicine</i> , 2015 , 26, 61	4.5	27
33	Nanoembedded Microparticles for Stabilization and Delivery of Drug-Loaded Nanoparticles. <i>Current Pharmaceutical Design</i> , 2015 , 21, 5829-44	3.3	26
32	Disintegration of nano-embedded microparticles after deposition on mucus: A mechanistic study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 139, 219-27	6	25
31	Impact of PLGA molecular behavior in the feed solution on the drug release kinetics of spray dried microparticles. <i>Polymer</i> , 2013 , 54, 5920-5927	3.9	21

30	Treatment of acute lung inflammation by pulmonary delivery of anti-TNF- β siRNA with PAMAM dendrimers in a murine model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020 , 156, 114-120	5.7	21
29	Generation of tailored aerosols for inhalative drug delivery employing recent vibrating-mesh nebulizer systems. <i>Therapeutic Delivery</i> , 2015 , 6, 621-36	3.8	16
28	Microfluidics-based self-assembly of peptide-loaded microgels: Effect of three dimensional (3D) printed micromixer design. <i>Journal of Colloid and Interface Science</i> , 2019 , 538, 559-568	9.3	16
27	Poloxamer-Decorated Polymer Nanoparticles for Lung Surfactant Compatibility. <i>Molecular Pharmaceutics</i> , 2017 , 14, 3464-3472	5.6	15
26	Preparation of nanoscale pulmonary drug delivery formulations by spray drying. <i>Advances in Experimental Medicine and Biology</i> , 2014 , 811, 183-206	3.6	15
25	High-Throughput Fabrication of Nanocomplexes Using 3D-Printed Micromixers. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 835-842	3.9	12
24	Efflux Inhibitor Bicalutamide Increases Oral Bioavailability of the Poorly Soluble Efflux Substrate Docetaxel in Co-Amorphous Anti-Cancer Combination Therapy. <i>Molecules</i> , 2019 , 24,	4.8	12
23	Mucopenetrating lipoplexes modified with PEG and hyaluronic acid for CD44-targeted local siRNA delivery to the lungs. <i>Journal of Biomaterials Applications</i> , 2019 , 34, 617-630	2.9	12
22	Molecular structure and impact of amorphization strategies on intrinsic dissolution of spray dried indomethacin. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 129, 1-9	5.1	12
21	Molecular weight-dependent degradation and drug release of surface-eroding poly(ethylene carbonate). <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 115, 140-148	5.7	10
20	Potential of the isolated lung technique for the examination of sildenafil absorption from lung-delivered poly(lactide-co-glycolide) microparticles. <i>Journal of Controlled Release</i> , 2016 , 226, 15-20	11.7	10
19	Investigation of nanocarriers and excipients for preparation of nanoembedded microparticles. <i>International Journal of Pharmaceutics</i> , 2017 , 526, 300-308	6.5	9
18	The effect of HPMC and MC as pore formers on the rheology of the implant microenvironment and the drug release in vitro. <i>Carbohydrate Polymers</i> , 2017 , 177, 433-442	10.3	9
17	Formulation and process considerations for the design of sildenafil-loaded polymeric microparticles by vibrational spray-drying. <i>Pharmaceutical Development and Technology</i> , 2017 , 22, 691-698	3.4	8
16	Future of microfluidics in research and in the market 2019 , 425-465		8
15	Whey proteins as stabilizers in amorphous solid dispersions. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 128, 144-151	5.1	8
14	Impact of drug loading in mesoporous silica-amorphous formulations on the physical stability of drugs with high recrystallization tendency. <i>International Journal of Pharmaceutics: X</i> , 2019 , 1, 100026	3.2	7
13	In silico product design of pharmaceuticals. <i>Asian Journal of Pharmaceutical Sciences</i> , 2016 , 11, 492-499	9	7

12	Enzyme- and cell-mediated degradation of poly(ethylene carbonate) by surface erosion. <i>Polymer Degradation and Stability</i> , 2019 , 159, 54-61	4.7	7
11	Poly(ethylene carbonate)-containing polylactic acid microparticles with rifampicin improve drug delivery to macrophages. <i>Journal of Pharmacy and Pharmacology</i> , 2018 , 70, 1009-1021	4.8	7
10	The effect of poly (lactic-co-glycolic) acid composition on the mechanical properties of electrospun fibrous mats. <i>International Journal of Pharmaceutics</i> , 2017 , 529, 371-380	6.5	6
9	Bioinspired polymer nanoparticles omit biophysical interactions with natural lung surfactant. <i>Nanotoxicology</i> , 2019 , 13, 964-976	5.3	5
8	In silico design and 3D printing of microfluidic chips for the preparation of size-controllable siRNA nanocomplexes. <i>International Journal of Pharmaceutics</i> , 2020 , 583, 119388	6.5	5
7	Potential of surface-eroding poly(ethylene carbonate) for drug delivery to macrophages. <i>International Journal of Pharmaceutics</i> , 2016 , 511, 814-20	6.5	5
6	Impact of triblock copolymers on the biophysical function of naturally-derived lung surfactant. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 156, 262-269	6	3
5	Exploring the potential for rosacea therapeutics of siRNA dispersion in topical emulsions. <i>Experimental Dermatology</i> , 2019 , 28, 261-269	4	2
4	Influence of solvent mixtures on HPMCAS-celecoxib microparticles prepared by electrospraying. <i>Asian Journal of Pharmaceutical Sciences</i> , 2018 , 13, 584-591	9	2
3	Antioxidant-mediated control of degradation and drug release from surface-eroding poly(ethylene carbonate). <i>Acta Biomaterialia</i> , 2020 , 113, 210-216	10.8	1
2	Transformation of nanoparticles into compacts: A study on PLGA and celecoxib nanoparticles. <i>International Journal of Pharmaceutics</i> , 2021 , 121278	6.5	1
1	Medication Tracking: Design and Fabrication of a Dry Powder Inhaler with Integrated Acoustic Element by 3D Printing. <i>Pharmaceutical Research</i> , 2020 , 37, 38	4.5	0