

Adam Bohr

List of Publications by Year in descending order

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48
papers

1,594
citations

361045

20
h-index

301761

39
g-index

48
all docs

48
docs citations

48
times ranked

2442
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.8	154
2	Three-Dimensional Printing of Drug-Eluting Implants: Preparation of an Antimicrobial Polylactide Feedstock Material. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 1099-1107.	1.6	131
3	Modifying release characteristics from 3D printed drug-eluting products. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 90, 47-52.	1.9	118
4	Chitosan-Based Nano-Embedded Microparticles: Impact of Nanogel Composition on Physicochemical Properties. <i>Pharmaceutics</i> , 2017, 9, 1.	2.0	116
5	Preparation and characterization of spray-dried co-amorphous drug-amino acid salts. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 615-624.	1.2	95
6	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.	2.6	78
7	Transforming nanomedicine manufacturing toward Quality by Design and microfluidics. <i>Advanced Drug Delivery Reviews</i> , 2018, 128, 115-131.	6.6	75
8	Preparation of microspheres containing low solubility drug compound by electrohydrodynamic spraying. <i>International Journal of Pharmaceutics</i> , 2011, 412, 59-67.	2.6	66
9	Critical Solvent Properties Affecting the Particle Formation Process and Characteristics of Celecoxib-Loaded PLGA Microparticles via Spray-Drying. <i>Pharmaceutical Research</i> , 2013, 30, 1065-1076.	1.7	59
10	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, 2437-2449.	1.5	52
11	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.	1.8	49
12	Treatment of acute lung inflammation by pulmonary delivery of anti-TNF- α siRNA with PAMAM dendrimers in a murine model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 156, 114-120.	2.0	49
13	Inhalable siRNA-loaded nano-embedded microparticles engineered using microfluidics and spray drying. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 120, 9-21.	2.0	40
14	Application of Spray-drying and Electrospraying/Electrospinning for Poorly Watersoluble Drugs: A Particle Engineering Approach. <i>Current Pharmaceutical Design</i> , 2014, 20, 325-348.	0.9	38
15	Disintegration of nano-embedded microparticles after deposition on mucus: A mechanistic study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 139, 219-227.	2.5	34
16	Nanoembedded Microparticles for Stabilization and Delivery of Drug-Loaded Nanoparticles. <i>Current Pharmaceutical Design</i> , 2015, 21, 5829-5844.	0.9	34
17	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.	1.7	29
18	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.	1.8	24

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19	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.	1.2	24
20	Whey proteins as stabilizers in amorphous solid dispersions. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 128, 144-151.	1.9	21
21	Poloxamer-Decorated Polymer Nanoparticles for Lung Surfactant Compatibility. <i>Molecular Pharmaceutics</i> , 2017, 14, 3464-3472.	2.3	19
22	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.	5.0	19
23	Preparation of Nanoscale Pulmonary Drug Delivery Formulations by Spray Drying. <i>Advances in Experimental Medicine and Biology</i> , 2014, 811, 183-206.	0.8	18
24	Generation of tailored aerosols for inhalative drug delivery employing recent vibrating-mesh nebulizer systems. <i>Therapeutic Delivery</i> , 2015, 6, 621-636.	1.2	18
25	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, 266.	1.7	18
26	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.	1.9	16
27	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.	4.8	15
28	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.	1.2	15
29	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.	1.1	13
30	High-Throughput Fabrication of Nanocomplexes Using 3D-Printed Micromixers. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 835-842.	1.6	13
31	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.	2.6	13
32	Molecular weight-dependent degradation and drug release of surface-eroding poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 T	2.0	12
33	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.	5.1	12
34	Bioinspired polymer nanoparticles omit biophysical interactions with natural lung surfactant. <i>Nanotoxicology</i> , 2019, 13, 964-976.	1.6	12
35	Future of microfluidics in research and in the market. , 2019, , 425-465.		12
36	In silico product design of pharmaceuticals. <i>Asian Journal of Pharmaceutical Sciences</i> , 2016, 11, 492-499.	4.3	11

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37	Investigation of nanocarriers and excipients for preparation of nanoembedded microparticles. International Journal of Pharmaceutics, 2017, 526, 300-308.	2.6	11
38	The effect of poly (lactic-co-glycolic) acid composition on the mechanical properties of electrospun fibrous mats. International Journal of Pharmaceutics, 2017, 529, 371-380.	2.6	10
39	Poly(ethylene carbonate)-containing polylactic acid microparticles with rifampicin improve drug delivery to macrophages. Journal of Pharmacy and Pharmacology, 2018, 70, 1009-1021.	1.2	10
40	Enzyme- and cell-mediated degradation of poly(ethylene carbonate) by surface erosion. Polymer Degradation and Stability, 2019, 159, 54-61.	2.7	10
41	Transformation of nanoparticles into compacts: A study on PLGA and celecoxib nanoparticles. International Journal of Pharmaceutics, 2022, 611, 121278.	2.6	9
42	Potential of surface-eroding poly(ethylene carbonate) for drug delivery to macrophages. International Journal of Pharmaceutics, 2016, 511, 814-820.	2.6	7
43	Impact of triblock copolymers on the biophysical function of naturally-derived lung surfactant. Colloids and Surfaces B: Biointerfaces, 2017, 156, 262-269.	2.5	5
44	Influence of solvent mixtures on HPMCAS-celecoxib microparticles prepared by electrospraying. Asian Journal of Pharmaceutical Sciences, 2018, 13, 584-591.	4.3	3
45	Exploring the potential for rosacea therapeutics of siRNA dispersion in topical emulsions. Experimental Dermatology, 2019, 28, 261-269.	1.4	3
46	Antioxidant-mediated control of degradation and drug release from surface-eroding poly(ethylene Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	4.1	2
47	Medication Tracking: Design and Fabrication of a Dry Powder Inhaler with Integrated Acoustic Element by 3D Printing. Pharmaceutical Research, 2020, 37, 38.	1.7	2
48	Special issue on "Formulation strategies and manufacturing technologies to enhance non-invasive drug delivery" Asian Journal of Pharmaceutical Sciences, 2018, 13, 505-506.	4.3	0