

# Adam Bohr

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4383473/adam-bohr-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Transformation of nanoparticles into compacts: A study on PLGA and celecoxib nanoparticles. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 121278	6.5	1
46	In silico design and 3D printing of microfluidic chips for the preparation of size-controllable siRNA nanocomplexes. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 583, 119388	6.5	5
45	Antioxidant-mediated control of degradation and drug release from surface-eroding poly(ethylene carbonate). <i>Acta Biomaterialia</i> , <b>2020</b> , 113, 210-216	10.8	1
44	Medication Tracking: Design and Fabrication of a Dry Powder Inhaler with Integrated Acoustic Element by 3D Printing. <i>Pharmaceutical Research</i> , <b>2020</b> , 37, 38	4.5	0
43	Treatment of acute lung inflammation by pulmonary delivery of anti-TNF- $\alpha$ siRNA with PAMAM dendrimers in a murine model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2020</b> , 156, 114-120	5.7	21
42	Efflux Inhibitor Bicalutamide Increases Oral Bioavailability of the Poorly Soluble Efflux Substrate Docetaxel in Co-Amorphous Anti-Cancer Combination Therapy. <i>Molecules</i> , <b>2019</b> , 24,	4.8	12
41	Bioinspired polymer nanoparticles omit biophysical interactions with natural lung surfactant. <i>Nanotoxicology</i> , <b>2019</b> , 13, 964-976	5.3	5
40	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> , <b>2019</b> , 1, 100026	3.2	7
39	Mucopenetrating lipoplexes modified with PEG and hyaluronic acid for CD44-targeted local siRNA delivery to the lungs. <i>Journal of Biomaterials Applications</i> , <b>2019</b> , 34, 617-630	2.9	12
38	Molecular structure and impact of amorphization strategies on intrinsic dissolution of spray dried indomethacin. <i>European Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 129, 1-9	5.1	12
37	Enzyme- and cell-mediated degradation of poly(ethylene carbonate) by surface erosion. <i>Polymer Degradation and Stability</i> , <b>2019</b> , 159, 54-61	4.7	7
36	Exploring the potential for rosacea therapeutics of siRNA dispersion in topical emulsions. <i>Experimental Dermatology</i> , <b>2019</b> , 28, 261-269	4	2
35	Future of microfluidics in research and in the market <b>2019</b> , 425-465		8
34	Microfluidics-based self-assembly of peptide-loaded microgels: Effect of three dimensional (3D) printed micromixer design. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 538, 559-568	9.3	16
33	Whey proteins as stabilizers in amorphous solid dispersions. <i>European Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 128, 144-151	5.1	8
32	Transforming nanomedicine manufacturing toward Quality by Design and microfluidics. <i>Advanced Drug Delivery Reviews</i> , <b>2018</b> , 128, 115-131	18.5	46
31	Poly(ethylene carbonate)-containing polylactic acid microparticles with rifampicin improve drug delivery to macrophages. <i>Journal of Pharmacy and Pharmacology</i> , <b>2018</b> , 70, 1009-1021	4.8	7

30	Influence of solvent mixtures on HPMCAS-celecoxib microparticles prepared by electrospraying. <i>Asian Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 13, 584-591	9	2
29	Formulation and process considerations for the design of sildenafil-loaded polymeric microparticles by vibrational spray-drying. <i>Pharmaceutical Development and Technology</i> , <b>2017</b> , 22, 691-698	3.4	8
28	Molecular weight-dependent degradation and drug release of surface-eroding poly(ethylene carbonate). <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2017</b> , 115, 140-148	5.7	10
27	Investigation of nanocarriers and excipients for preparation of nanoembedded microparticles. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 526, 300-308	6.5	9
26	Anti-Inflammatory Effect of Anti-TNF- $\alpha$ siRNA Cationic Phosphorus Dendrimer Nanocomplexes Administered Intranasally in a Murine Acute Lung Injury Model. <i>Biomacromolecules</i> , <b>2017</b> , 18, 2379-2388	6.9	49
25	Impact of triblock copolymers on the biophysical function of naturally-derived lung surfactant. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 156, 262-269	6	3
24	High-Throughput Fabrication of Nanocomplexes Using 3D-Printed Micromixers. <i>Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 106, 835-842	3.9	12
23	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> , <b>2017</b> , 268, 40-48	11.7	114
22	Poloxamer-Decorated Polymer Nanoparticles for Lung Surfactant Compatibility. <i>Molecular Pharmaceutics</i> , <b>2017</b> , 14, 3464-3472	5.6	15
21	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> , <b>2017</b> , 177, 433-442	10.3	9
20	The effect of poly (lactic-co-glycolic) acid composition on the mechanical properties of electrospun fibrous mats. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 529, 371-380	6.5	6
19	Inhalable siRNA-loaded nano-embedded microparticles engineered using microfluidics and spray drying. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2017</b> , 120, 9-21	5.7	30
18	Preparation and characterization of spray-dried co-amorphous drug-amino acid salts. <i>Journal of Pharmacy and Pharmacology</i> , <b>2016</b> , 68, 615-24	4.8	80
17	Modifying release characteristics from 3D printed drug-eluting products. <i>European Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 90, 47-52	5.1	93
16	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> , <b>2016</b> , 226, 15-20	11.7	10
15	Disintegration of nano-embedded microparticles after deposition on mucus: A mechanistic study. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 139, 219-27	6	25
14	Chitosan-Based Nano-Embedded Microparticles: Impact of Nanogel Composition on Physicochemical Properties. <i>Pharmaceutics</i> , <b>2016</b> , 9,	6.4	97
13	In silico product design of pharmaceuticals. <i>Asian Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 11, 492-499	9	7

12	Potential of surface-eroding poly(ethylene carbonate) for drug delivery to macrophages. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 511, 814-20	6.5	5
11	Pharmaceutical microparticle engineering with electro spraying: the role of mixed solvent systems in particle formation and characteristics. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2015</b> , 26, 61	4.5	27
10	Generation of tailored aerosols for inhalative drug delivery employing recent vibrating-mesh nebulizer systems. <i>Therapeutic Delivery</i> , <b>2015</b> , 6, 621-36	3.8	16
9	Three-dimensional printing of drug-eluting implants: preparation of an antimicrobial polylactide feedstock material. <i>Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 104, 1099-107	3.9	109
8	Nanoembedded Microparticles for Stabilization and Delivery of Drug-Loaded Nanoparticles. <i>Current Pharmaceutical Design</i> , <b>2015</b> , 21, 5829-44	3.3	26
7	Preparation of nanoscale pulmonary drug delivery formulations by spray drying. <i>Advances in Experimental Medicine and Biology</i> , <b>2014</b> , 811, 183-206	3.6	15
6	Application of spray-drying and electro spraying/electro spinning for poorly water-soluble drugs: a particle engineering approach. <i>Current Pharmaceutical Design</i> , <b>2014</b> , 20, 325-48	3.3	35
5	Impact of PLGA molecular behavior in the feed solution on the drug release kinetics of spray dried microparticles. <i>Polymer</i> , <b>2013</b> , 54, 5920-5927	3.9	21
4	Critical solvent properties affecting the particle formation process and characteristics of celecoxib-loaded plga microparticles via spray-drying. <i>Pharmaceutical Research</i> , <b>2013</b> , 30, 1065-76	4.5	51
3	Particle formation and characteristics of Celecoxib-loaded poly(lactic-co-glycolic acid) microparticles prepared in different solvents using electro spraying. <i>Polymer</i> , <b>2012</b> , 53, 3220-3229	3.9	40
2	Release profile and characteristics of electro sprayed particles for oral delivery of a practically insoluble drug. <i>Journal of the Royal Society Interface</i> , <b>2012</b> , 9, 2437-49	4.1	46
1	Preparation of microspheres containing low solubility drug compound by electrohydrodynamic spraying. <i>International Journal of Pharmaceutics</i> , <b>2011</b> , 412, 59-67	6.5	60