

# Cynthia Bosquillon

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,104  
citations

567281

15  
h-index

580821

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1479  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, Synthesis, and Evaluation of Lung-Retentive Prodrugs for Extending the Lung Tissue Retention of Inhaled Drugs. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 9802-9818.	6.4	2
2	PEGylation of recombinant human deoxyribonuclease I decreases its transport across lung epithelial cells and uptake by macrophages. <i>International Journal of Pharmaceutics</i> , 2021, 593, 120107.	5.2	7
3	Biodistribution and elimination pathways of PEGylated recombinant human deoxyribonuclease I after pulmonary delivery in mice. <i>Journal of Controlled Release</i> , 2021, 329, 1054-1065.	9.9	14
4	Study on Significance of Receptor Targeting in Killing of Intracellular Bacteria with Membrane-Impermeable Antibiotics. <i>Advanced Therapeutics</i> , 2021, 4, 2100168.	3.2	8
5	Development of an In Vitro System to Study the Interactions of Aerosolized Drugs with Pulmonary Mucus. <i>Pharmaceutics</i> , 2020, 12, 145.	4.5	8
6	Exploring the enzymatic degradation of poly(glycerol adipate). <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 142, 377-386.	4.3	24
7	In vitro investigation on the impact of airway mucus on drug dissolution and absorption at the air-epithelium interface in the lungs. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 141, 210-220.	4.3	36
8	Dry-powder formulations of non-covalent protein complexes with linear or miktoarm copolymers for pulmonary delivery. <i>International Journal of Pharmaceutics</i> , 2018, 540, 78-88.	5.2	16
9	Comparison of Gene Transfection and Cytotoxicity Mechanisms of Linear Poly(amidoamine) and Branched Poly(ethyleneimine) Polyplexes. <i>Pharmaceutical Research</i> , 2018, 35, 86.	3.5	11
10	Contribution of the Alkylquinolone Quorum-Sensing System to the Interaction of <i>Pseudomonas aeruginosa</i> With Bronchial Epithelial Cells. <i>Frontiers in Microbiology</i> , 2018, 9, 3018.	3.5	12
11	Enhanced expression of Organic Cation Transporters in bronchial epithelial cell layers following insults associated with asthma – Impact on salbutamol transport. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 106, 62-70.	4.0	12
12	Effect of polymer topology on non-covalent polymer-protein complexation: miktoarm versus linear mPEG-poly(glutamic acid) copolymers. <i>Polymer Chemistry</i> , 2017, 8, 2210-2220.	3.9	19
13	Ipratropium is –luminally recycled–™ by an inter-play between apical uptake and efflux transporters in Calu-3 bronchial epithelial cell layers. <i>International Journal of Pharmaceutics</i> , 2017, 532, 328-336.	5.2	11
14	A Comparison of Drug Transport in Pulmonary Absorption Models: Isolated Perfused rat Lungs, Respiratory Epithelial Cell Lines and Primary Cell Culture. <i>Pharmaceutical Research</i> , 2017, 34, 2532-2540.	3.5	25
15	PEGylation of paclitaxel largely improves its safety and anti-tumor efficacy following pulmonary delivery in a mouse model of lung carcinoma. <i>Journal of Controlled Release</i> , 2016, 239, 62-71.	9.9	62
16	Synthesis and In Vitro Evaluation of Polyethylene Glycol-Paclitaxel Conjugates for Lung Cancer Therapy. <i>Pharmaceutical Research</i> , 2016, 33, 1671-1681.	3.5	16
17	Digoxin net secretory transport in bronchial epithelial cell layers is not exclusively mediated by P-glycoprotein/MDR1. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 74-82.	4.3	8
18	Interactions of PEO-PPO-PEO block copolymers with lipid membranes: a computational and experimental study linking membrane lysis with polymer structure. <i>Soft Matter</i> , 2012, 8, 6744.	2.7	61

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19	Relationship between the Affinity of PEO-PPO-PEO Block Copolymers for Biological Membranes and Their Cellular Effects. <i>Pharmaceutical Research</i> , 2012, 29, 1908-1918.	3.5	28
20	The Missing Lactam-Thermoresponsive and Biocompatible Poly( <i>N</i> -vinylpiperidone) Polymers by Xanthate-Mediated RAFT Polymerization. <i>Macromolecules</i> , 2011, 44, 886-893.	4.8	50
21	In-vitro respiratory drug absorption models possess nominal functional P-glycoprotein activity. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 61, 293-301.	2.4	38
22	Drug transporters in the lung do they play a role in the biopharmaceutics of inhaled drugs?. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 2240-2255.	3.3	130
23	Pulmonary delivery of growth hormone using dry powders and visualization of its local fate in rats. <i>Journal of Controlled Release</i> , 2004, 96, 233-244.	9.9	129
24	Aerosolization properties, surface composition and physical state of spray-dried protein powders. <i>Journal of Controlled Release</i> , 2004, 99, 357-367.	9.9	111
25	Influence of formulation excipients and physical characteristics of inhalation dry powders on their aerosolization performance. <i>Journal of Controlled Release</i> , 2001, 70, 329-339.	9.9	266