

Per Backman

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

502
citations

687363

13
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

441
citing authors

#	ARTICLE	IF	CITATIONS
1	Scope and relevance of a pulmonary biopharmaceutical classification system AAPS/FDA/USP Workshop March 16-17th, 2015 in Baltimore, MD. AAPS Open, 2016, 2, .	1.3	73
2	Advances in experimental and mechanistic computational models to understand pulmonary exposure to inhaled drugs. European Journal of Pharmaceutical Sciences, 2018, 113, 41-52.	4.0	57
3	Cell growth experiments using a microcalorimetric vessel equipped with oxygen and pH electrodes. Journal of Proteomics, 1991, 23, 283-293.	2.4	50
4	In Vitro Testing for Orally Inhaled Products: Developments in Science-Based Regulatory Approaches. AAPS Journal, 2015, 17, 837-852.	4.4	48
5	Inhaled Medicines: Past, Present, and Future. Pharmacological Reviews, 2022, 74, 48-118.	16.0	44
6	Effects of pH-variations on the kinetics of growth and energy metabolism in cultured T-lymphoma cells: A microcalorimetric study. Journal of Cellular Physiology, 1992, 150, 99-103.	4.1	31
7	Pulmonary absorption "estimation of effective pulmonary permeability and tissue retention of ten drugs using an ex vivo rat model and computational analysis. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 124, 1-12.	4.3	31
8	Predicting Exposure After Oral Inhalation of the Selective Glucocorticoid Receptor Modulator, AZD5423, Based on Dose, Deposition Pattern, and Mechanistic Modeling of Pulmonary Disposition. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 2017, 30, 108-117.	1.4	30
9	Current Progress Toward a Better Understanding of Drug Disposition Within the Lungs: Summary Proceedings of the First Workshop on Drug Transporters in the Lungs. Journal of Pharmaceutical Sciences, 2017, 106, 2234-2244.	3.3	22
10	A Proposed <i>In Vitro</i> Method to Assess Effects of Inhaled Particles on Lung Surfactant Function. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 306-311.	2.9	21
11	Ranking In Vitro Dissolution of Inhaled Micronized Drug Powders including a Candidate Drug with Two Different Particle Sizes. Molecular Pharmaceutics, 2018, 15, 5319-5326.	4.6	18
12	Microcalorimetric evaluation of the effects of methotrexate and 6-thioguanine on sensitive T-lymphoma cells and on a methotrexate-resistant subline. Cell Biophysics, 1992, 20, 111-123.	0.4	14
13	Microcalorimetric studies on the complex formation between cellobiohydrolase I (CBH I) from <i>Trichoderma reesei</i> and the (R)- and (S)-enantiomers of the β_2 -receptor blocking agent alprenolol. Thermochimica Acta, 2000, 356, 153-158.	2.7	13
14	iBCS: 1. Principles and Framework of an Inhalation-Based Biopharmaceutics Classification System. Molecular Pharmaceutics, 2022, 19, 2032-2039.	4.6	13
15	Pharmacokinetics of the Inhaled Selective Glucocorticoid Receptor Modulator AZD5423 Following Inhalation Using Different Devices. AAPS Journal, 2017, 19, 865-874.	4.4	12
16	iBCS: 2. Mechanistic Modeling of Pulmonary Availability of Inhaled Drugs versus Critical Product Attributes. Molecular Pharmaceutics, 2022, 19, 2040-2047.	4.6	12
17	A microcalorimetric study of human erythrocytes in stirred buffer suspensions. Thermochimica Acta, 1992, 205, 87-97.	2.7	6
18	Hydrophobic Homopolymers of Native β -L-Amino Acids at the Air-Water Interface: A Study by Circular Dichroism Spectroscopy, Atomic Force Microscopy, and Surface Balance Experiments. Journal of Colloid and Interface Science, 2001, 242, 346-353.	9.4	4

#	ARTICLE	IF	CITATIONS
19	Physiologically-based pharmacokinetic modeling after drug inhalation. , 2021, , 319-358.		2
20	A microcalorimetric method to study the activation of murine peritoneal macrophages. Thermochimica Acta, 1996, 275, 109-115.	2.7	1