

# Julien Brillault

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

1,725  
citations

567281

15  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1692  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerosol Therapy with Colistin Methanesulfonate: a Biopharmaceutical Issue Illustrated in Rats. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 3702-3707.	3.2	587
2	VEGF-Induced BBB Permeability is Associated with an MMP-9 Activity Increase in Cerebral ischemia: Both Effects Decreased by ANG-1. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 1491-1504.	4.3	172
3	Tissue-Type Plasminogen Activator Crosses the Intact Blood-Brain Barrier by Low-Density Lipoprotein Receptor-Related Protein-Mediated Transcytosis. <i>Circulation</i> , 2005, 111, 2241-2249.	1.6	166
4	Prediction of drug transport through the blood-brain barrier in vivo: a comparison between two in vitro cell models. <i>Pharmaceutical Research</i> , 2002, 19, 976-981.	3.5	150
5	Oxygen Glucose Deprivation Switches the Transport of tPA Across the Blood-Brain Barrier From an LRP-Dependent to an Increased LRP-Independent Process. <i>Stroke</i> , 2005, 36, 1059-1064.	2.0	110
6	Formulation of rifampicin-cyclodextrin complexes for lung nebulization. <i>Journal of Controlled Release</i> , 2008, 129, 93-99.	9.9	84
7	Moderate-to-severe ischemic conditions increase activity and phosphorylation of the cerebral microvascular endothelial cell Na <sup>+</sup> -K <sup>+</sup> -Cl <sup>-</sup> cotransporter. <i>American Journal of Physiology - Cell Physiology</i> , 2005, 289, C1492-C1501.	4.6	75
8	Intercommunications between brain capillary endothelial cells and glial cells increase the transcellular permeability of the blood-brain barrier during ischaemia. <i>Journal of Neurochemistry</i> , 2002, 83, 807-817.	3.9	73
9	P-Glycoprotein-Mediated Transport of Moxifloxacin in a Calu-3 Lung Epithelial Cell Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 1457-1462.	3.2	55
10	Hypoxia effects on cell volume and ion uptake of cerebral microvascular endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 294, C88-C96.	4.6	54
11	Biopharmaceutical Characterization of Nebulized Antimicrobial Agents in Rats: 3. Tobramycin. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 6646-6647.	3.2	44
12	Relative Contributions of Active Mediated Transport and Passive Diffusion of Fluoroquinolones with Various Lipophilicities in a Calu-3 Lung Epithelial Cell Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 543-545.	3.2	35
13	Biopharmaceutical Characterization of Nebulized Antimicrobial Agents in Rats: 1. Ciprofloxacin, Moxifloxacin, and Grepafloxacin. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3942-3949.	3.2	33
14	Ciprofloxacin-Loaded Inorganic-Organic Composite Microparticles To Treat Bacterial Lung Infection. <i>Molecular Pharmaceutics</i> , 2016, 13, 100-112.	4.6	30
15	Biopharmaceutical Characterization of Nebulized Antimicrobial Agents in Rats. 4. Aztreonam. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 3196-3198.	3.2	17
16	Sustained-release microparticle dry powders of chloramphenicol palmitate or thiamphenicol palmitate prodrugs for lung delivery as aerosols. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 138, 105028.	4.0	13
17	Control of the Lung Residence Time of Highly Permeable Molecules after Nebulization: Example of the Fluoroquinolones. <i>Pharmaceutics</i> , 2020, 12, 387.	4.5	12
18	Active Mediated Transport of Chloramphenicol and Thiamphenicol in a Calu-3 Lung Epithelial Cell Model. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 1178-1184.	3.3	8

#	ARTICLE	IF	CITATIONS
19	Comparison between Colistin Sulfate Dry Powder and Solution for Pulmonary Delivery. <i>Pharmaceutics</i> , 2020, 12, 557.	4.5	6
20	Pulmonary Pharmacokinetics of Oseltamivir Carboxylate in Rats after Nebulization or Intravenous Administration of Its Prodrug, Oseltamivir Phosphate. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	1