

Peta Bradbury

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

384
citations

759055

12
h-index

794469

19
g-index

23
all docs

23
docs citations

23
times ranked

552
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling the Impact of Microgravity at the Cellular Level: Implications for Human Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 96.	1.8	69
2	Machine learning recommends affordable new Ti alloy with bone-like modulus. <i>Materials Today</i> , 2020, 34, 41-50.	8.3	67
3	Modifying and Integrating in vitro and ex vivo Respiratory Models for Inhalation Drug Screening. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 581995.	2.0	28
4	The actin-associating protein Tm5NM1 blocks mesenchymal motility without transition to amoeboid motility. <i>Oncogene</i> , 2011, 30, 1241-1251.	2.6	24
5	Repurposing of statins via inhalation to treat lung inflammatory conditions. <i>Advanced Drug Delivery Reviews</i> , 2018, 133, 93-106.	6.6	23
6	Occupy tissue. <i>Cell Adhesion and Migration</i> , 2012, 6, 424-520.	1.1	21
7	Estradiol stabilizes the 105-kDa phospho-form of the adhesion docking protein NEDD9 and suppresses NEDD9-dependent cell spreading in breast cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 340-345.	1.9	20
8	A 3D Bioprinted Vascularized Glioblastoma-on-a-Chip for Studying the Impact of Simulated Microgravity as a Novel Pre-Clinical Approach in Brain Tumor Therapy. <i>Advanced Therapeutics</i> , 2021, 4, 2100106.	1.6	20
9	Src Kinase Determines the Dynamic Exchange of the Docking Protein NEDD9 (Neural Precursor Cell) Tj ETQq1 1 0.784314 rgBT /Over Chemistry, 2014, 289, 24792-24800.	1.6	17
10	An in vitro model for assessing drug transport in cystic fibrosis treatment: Characterisation of the CuFi-1 cell line. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 156, 121-130.	2.0	15
11	Real-time quantitative monitoring of <i>in vitro</i> nasal drug delivery by a nasal epithelial mucosa-on-a-chip model. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 803-818.	2.4	15
12	PP2A phosphatase suppresses function of the mesenchymal invasion regulator NEDD9. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 290-297.	1.9	14
13	Tyrosine Y189 in the Substrate Domain of the Adhesion Docking Protein NEDD9 Is Conserved with p130Cas Y253 and Regulates NEDD9-Mediated Migration and Focal Adhesion Dynamics. <i>PLoS ONE</i> , 2013, 8, e69304.	1.1	8
14	EP 2 and EP 4 receptor antagonists: Impact on cytokine production and β_2 adrenergic receptor desensitization in human airway smooth muscle. <i>Journal of Cellular Physiology</i> , 2019, 234, 11070-11077.	2.0	6
15	Properties of rapamycin solid lipid nanoparticles for lymphatic access through the lungs & part I: the effect of size. <i>Nanomedicine</i> , 2020, 15, 1927-1945.	1.7	6
16	Development and in vitro characterization of a novel pMDI diclofenac formulation as an inhalable anti-inflammatory therapy for cystic fibrosis. <i>International Journal of Pharmaceutics</i> , 2021, 596, 120319.	2.6	6
17	How Do Mechanics Guide Fibroblast Activity? Complex Disruptions during Emphysema Shape Cellular Responses and Limit Research. <i>Bioengineering</i> , 2021, 8, 110.	1.6	6
18	Testing 3D printed biological platform for advancing simulated microgravity and space mechanobiology research. <i>Npj Microgravity</i> , 2022, 8, .	1.9	5

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19	Tropomyosin 2.1 collaborates with fibronectin to promote TGF- β 1-induced contraction of human lung fibroblasts. <i>Respiratory Research</i> , 2021, 22, 129.	1.4	4
20	Timothy Grass Pollen Induces Spatial Reorganisation of F-Actin and Loss of Junctional Integrity in Respiratory Cells. <i>Inflammation</i> , 2022, 45, 1209-1223.	1.7	4
21	Prostaglandin E2, but not cAMP nor β 2-agonists, induce tristetraprolin (TTP) in human airway smooth muscle cells. <i>Inflammation Research</i> , 2019, 68, 369-377.	1.6	3
22	Tobramycin and Colistin display anti-inflammatory properties in CuFi-1 cystic fibrosis cell line. <i>European Journal of Pharmacology</i> , 2021, 902, 174098.	1.7	2