

Franziska E Uhl

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

727
citations

687220

13
h-index

580701

25
g-index

25
all docs

25
docs citations

25
times ranked

1261
citing authors

#	ARTICLE	IF	CITATIONS
1	Preclinical validation and imaging of Wnt-induced repair in human 3D lung tissue cultures. <i>European Respiratory Journal</i> , 2015, 46, 1150-1166.	3.1	132
2	Applications and Approaches for Three-Dimensional Precision-Cut Lung Slices. <i>Disease Modeling and Drug Discovery. American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 681-691.	1.4	79
3	3D-Cultivation of bone marrow stromal cells on hydroxyapatite scaffolds fabricated by dispense-plotting and negative mould technique. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 1491-1496.	1.7	67
4	Functional role of glycosaminoglycans in decellularized lung extracellular matrix. <i>Acta Biomaterialia</i> , 2020, 102, 231-246.	4.1	60
5	Residual Detergent Detection Method for Nondestructive Cytocompatibility Evaluation of Decellularized Whole Lung Scaffolds. <i>Tissue Engineering - Part C: Methods</i> , 2016, 22, 418-428.	1.1	58
6	Static and dynamic cultivation of bone marrow stromal cells on biphasic calcium phosphate scaffolds derived from an indirect rapid prototyping technique. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 3039-3048.	1.7	48
7	How Degradation of Calcium Phosphate Bone Substitute Materials is influenced by Phase Composition and Porosity. <i>Advanced Engineering Materials</i> , 2011, 13, 342-350.	1.6	44
8	Comparative Decellularization and Recellularization of Wild-Type and Alpha 1,3 Galactosyltransferase Knockout Pig Lungs: A Model for <i>Ex Vivo</i> Xenogeneic Lung Bioengineering and Transplantation. <i>Tissue Engineering - Part C: Methods</i> , 2016, 22, 725-739.	1.1	40
9	Preparation of Decellularized Lung Matrices for Cell Culture and Protein Analysis. <i>Methods in Molecular Biology</i> , 2017, 1627, 253-283.	0.4	29
10	Lung bioengineering: advances and challenges in lung decellularization and recellularization. <i>Current Opinion in Organ Transplantation</i> , 2018, 23, 673-678.	0.8	29
11	CFTR Therapeutics Normalize Cerebral Perfusion Deficits in Mouse Models of Heart Failure and Subarachnoid Hemorrhage. <i>JACC Basic To Translational Science</i> , 2019, 4, 940-958.	1.9	27
12	Fabrication of Tailored Hydroxyapatite Scaffolds: Comparison between a Direct and an Indirect Rapid Prototyping Technique. <i>Key Engineering Materials</i> , 2007, 361-363, 915-918.	0.4	21
13	Cigarette smoke alters the secretome of lung epithelial cells. <i>Proteomics</i> , 2017, 17, 1600243.	1.3	18
14	Development of alginate and gelatin-based pleural and tracheal sealants. <i>Acta Biomaterialia</i> , 2021, 131, 222-235.	4.1	13
15	Improving Cerebrovascular Function to Increase Neuronal Recovery in Neurodegeneration Associated to Cardiovascular Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 53.	1.8	11
16	Biofunctionalization of dispense-plotted hydroxyapatite scaffolds with peptides: Quantification and cellular response. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 92A, 493-503.	2.1	8
17	From molecule to man: Integrating molecular biology with whole organ physiology in studying respiratory disease. <i>Pulmonary Pharmacology and Therapeutics</i> , 2011, 24, 466-470.	1.1	8
18	Comparative immunogenicity of decellularized wild type and alpha 1,3 galactosyltransferase knockout pig lungs. <i>Biomaterials</i> , 2021, 276, 121029.	5.7	8

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19	Avian lungs: A novel scaffold for lung bioengineering. PLoS ONE, 2018, 13, e0198956.	1.1	5
20	Endoscopic atomization of mesenchymal stromal cells: in vitro study for local cell therapy of the lungs. Cytotherapy, 2021, 23, 293-300.	0.3	5
21	Therapeutic CFTR Correction Normalizes Systemic and Lung-Specific S1P Level Alterations Associated with Heart Failure. International Journal of Molecular Sciences, 2022, 23, 866.	1.8	4
22	Ex Vivo Lung Bioengineering. Pancreatic Islet Biology, 2015, , 145-180.	0.1	2
23	Early Career Members at the ERS Lung Science Conference: cell-matrix interactions in lung disease and regeneration. Breathe, 2018, 14, e78-e83.	0.6	1
24	Acellular Lung Scaffolds in Lung Bioengineering. Pancreatic Islet Biology, 2015, , 309-347.	0.1	1