Fabian Blank

List of Publications by Year
in descending order

32 papers	1,991 citations	430442 18 h-index	414034 32 g-index
34 all docs	34 docs citations	34 times ranked	3922 citing authors

#	Article	IF	Citations
1	SARS-CoV-2 can infect and propagate in human placenta explants. Cell Reports Medicine, 2021, 2, 100456.	3.3	29
2	Peritumoral CD90+CD73+ cells possess immunosuppressive features in human non-small cell lung cancer. EBioMedicine, 2021, 73, 103664.	2.7	5
3	Multi-walled carbon nanotubes activate and shift polarization of pulmonary macrophages and dendritic cells in an <i>in vivo</i> model of chronic obstructive lung disease. Nanotoxicology, 2020, 14, 77-96.	1.6	12
4	EpCAM⁺CD73⁺ mark epithelial progenitor cells in postnatal human lung and are associated with pathogenesis of pulmonary disease including lung adenocarcinoma. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L794-L809.	1.3	7
5	CD90⁺CD146⁺ identifies a pulmonary mesenchymal cell subtype with both immune modulatory and perivascular-like function in postnatal human lung. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L813-L830.	1.3	15
6	Stem cell secretome attenuates acute rejection in rat lung allotransplant. Interactive Cardiovascular and Thoracic Surgery, 2019, 28, 812-818.	0.5	3
7	Silent infection of human dendritic cells by African and Asian strains of Zika virus. Scientific Reports, 2018, 8, 5440.	1.6	37
8	Biodistribution, Clearance, and Longâ€Term Fate of Clinically Relevant Nanomaterials. Advanced Materials, 2018, 30, e1704307.	11.1	276
9	Functional differences in airway dendritic cells determine susceptibility to IgEâ€sensitization. Immunology and Cell Biology, 2018, 96, 316-329.	1.0	7
10	Acute effects of multi-walled carbon nanotubes on primary bronchial epithelial cells from COPD patients. Nanotoxicology, 2018, 12, 699-711.	1.6	15
11	Interaction of biomedical nanoparticles with the pulmonary immune system. Journal of Nanobiotechnology, 2017, 15, 6.	4.2	45
12	Virosome-bound antigen enhances DC-dependent specific CD4+ T cell stimulation, inducing a Th1 and Treg profile in vitro. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 1725-1737.	1.7	10
13	Role of the plasma cascade systems in ischemia/reperfusion injury of bone. Bone, 2017, 97, 278-286.	1.4	8
14	Aerosol Delivery of Functionalized Gold Nanoparticles Target and Activate Dendritic Cells in a 3D Lung Cellular Model. ACS Nano, 2017, 11, 375-383.	7.3	55
15	Identification and Characterization of a Dendritic Cell Precursor in Parenchymal Lung Tissue. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 353-361.	1.4	3
16	Pulmonary Delivery of Virosome-Bound Antigen Enhances Antigen-Specific CD4+ T Cell Proliferation Compared to Liposome-Bound or Soluble Antigen. Frontiers in Immunology, 2017, 8, 359.	2.2	19
17	Human Bronchial Epithelial Cells Induce CD141/CD123/DC-SIGN/FLT3 Monocytes That Promote Allogeneic Th17 Differentiation. Frontiers in Immunology, 2017, 8, 447.	2.2	10
18	Characterization of pediatric cystic fibrosis airway epithelial cell cultures at the air-liquid interface obtained by non-invasive nasal cytology brush sampling. Respiratory Research, 2017, 18, 215.	1.4	21

#	Article	IF	Citations
19	Pulmonary delivery of cationic gold nanoparticles boost antigen-specific CD4 + T Cell Proliferation. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 1815-1826.	1.7	42
20	Current <i>in vitro</i> approaches to assess nanoparticle interactions with lung cells. Nanomedicine, 2016, 11, 2457-2469.	1.7	31
21	A Triple Co-Culture Model of the Human Respiratory Tract to Study Immune-Modulatory Effects of Liposomes and Virosomes. PLoS ONE, 2016, 11, e0163539.	1.1	34
22	Uptake efficiency of surface modified gold nanoparticles does not correlate with functional changes and cytokine secretion in human dendritic cells in vitro. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 633-644.	1.7	78
23	Engineering an in vitro air-blood barrier by 3D bioprinting. Scientific Reports, 2015, 5, 7974.	1.6	281
24	Different endocytotic uptake mechanisms for nanoparticles in epithelial cells and macrophages. Beilstein Journal of Nanotechnology, 2014, 5, 1625-1636.	1.5	386
25	Size-dependent accumulation of particles in lysosomes modulates dendritic cell function through impaired antigen degradation. International Journal of Nanomedicine, 2014, 9, 3885.	3.3	50
26	Encoded Particles: Fluorescence-Encoded Gold Nanoparticles: Library Design and Modulation of Cellular Uptake into Dendritic Cells (Small 7/2014). Small, 2014, 10, 1440-1440.	5.2	1
27	Size-Dependent Uptake of Particles by Pulmonary Antigen-Presenting Cell Populations and Trafficking to Regional Lymph Nodes. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 67-77.	1.4	105
28	Pulmonary surfactant coating of multi-walled carbon nanotubes (MWCNTs) influences their oxidative and pro-inflammatory potential in vitro. Particle and Fibre Toxicology, 2012, 9, 17.	2.8	76
29	Opportunities and challenges of the pulmonary route for vaccination. Expert Opinion on Drug Delivery, 2011, 8, 547-563.	2.4	50
30	Biomedical nanoparticles modulate specific CD4⁺T cell stimulation by inhibition of antigen processing in dendritic cells. Nanotoxicology, 2011, 5, 606-621.	1.6	88
31	Restricted Aeroallergen Access to Airway Mucosal Dendritic Cells In Vivo Limits Allergen-Specific CD4+ T Cell Proliferation during the Induction of Inhalation Tolerance. Journal of Immunology, 2011, 187, 4561-4570.	0.4	14
32	<i>In vitro</i>models of the human epithelial airway barrier to study the toxic potential of particulate matter. Expert Opinion on Drug Metabolism and Toxicology, 2008, 4, 1075-1089.	1.5	171