

Stefan A Tschanz

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,488
citations

471509

17
h-index

345221

36
g-index

41
all docs

41
docs citations

41
times ranked

2456
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell-Demanded Liberation of VEGF121From Fibrin Implants Induces Local and Controlled Blood Vessel Growth. <i>Circulation Research</i> , 2004, 94, 1124-1132.	4.5	355
2	Estrogen Receptor $\hat{\pm}$ Signaling in T Lymphocytes Is Required for Estradiol-Mediated Inhibition of Th1 and Th17 Cell Differentiation and Protection against Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2011, 187, 2386-2393.	0.8	181
3	The transcriptional repressor CDP (Cutl1) is essential for epithelial cell differentiation of the lung and the hair follicle. <i>Genes and Development</i> , 2001, 15, 2307-2319.	5.9	156
4	Design-based stereology: Planning, volumetry and sampling are crucial steps for a successful study. <i>Annals of Anatomy</i> , 2014, 196, 3-11.	1.9	81
5	Rat lungs show a biphasic formation of new alveoli during postnatal development. <i>Journal of Applied Physiology</i> , 2014, 117, 89-95.	2.5	70
6	Effects of Neonatal High-Dose Short-Term Glucocorticoid Treatment on the Lung: A Morphologic and Morphometric Study in the Rat. <i>Pediatric Research</i> , 2003, 53, 72-80.	2.3	68
7	How common is the lipid body-containing interstitial cell in the mammalian lung?. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L386-L394.	2.9	47
8	VEGF-A promotes intussusceptive angiogenesis in the developing chicken chorioallantoic membrane. <i>Microcirculation</i> , 2010, 17, no-no.	1.8	41
9	Capillary ultrastructure and mitochondrial volume density in skeletal muscle in relation to reduced exercise capacity of patients with intermittent claudication. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R943-R951.	1.8	40
10	Angiogenesis-related ultrastructural changes to capillaries in human skeletal muscle in response to endurance exercise. <i>Journal of Applied Physiology</i> , 2015, 119, 1118-1126.	2.5	39
11	Visualization and stereological characterization of individual rat lung acini by high-resolution X-ray tomographic microscopy. <i>Journal of Applied Physiology</i> , 2013, 115, 1379-1387.	2.5	36
12	Protein Deficiency and the Growing Rat Lung. I. Nutritional Findings and Related Lung Volumes. <i>Pediatric Research</i> , 1995, 37, 783-788.	2.3	31
13	Protein Deficiency and the Growing Rat Lung. II. Morphometric Analysis and Morphology. <i>Pediatric Research</i> , 1995, 37, 789-795.	2.3	27
14	A NEW APPROACH TO DETECT STRUCTURAL DIFFERENCES IN LUNG PARENCHYMA USING DIGITAL IMAGE ANALYSIS. <i>Experimental Lung Research</i> , 2002, 28, 457-471.	1.2	27
15	Cutting-edge microangio-CT: new dimensions in vascular imaging and kidney morphometry. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, F493-F499.	2.7	27
16	Glucocorticoid induced impairment of lung structure assessed by digital image analysis. <i>European Journal of Pediatrics</i> , 2002, 161, 26-30.	2.7	22
17	Characterization of pediatric cystic fibrosis airway epithelial cell cultures at the air-liquid interface obtained by non-invasive nasal cytology brush sampling. <i>Respiratory Research</i> , 2017, 18, 215.	3.6	21
18	Zebrafish Caudal Fin Angiogenesis Assayâ€™Advanced Quantitative Assessment Including 3-Way Correlative Microscopy. <i>PLoS ONE</i> , 2016, 11, e0149281.	2.5	19

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19	Neonatal steroids induce a down-regulation of tenascin-C and elastin and cause a deceleration of the first phase and an acceleration of the second phase of lung alveolarization. <i>Histochemistry and Cell Biology</i> , 2014, 141, 75-84.	1.7	18
20	SerpinB1 deficiency is not associated with increased susceptibility to pulmonary emphysema in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 305, L981-L989.	2.9	17
21	Time trends in diagnostic testing for primary ciliary dyskinesia in Europe. <i>European Respiratory Journal</i> , 2019, 54, 1900528.	6.7	17
22	Acute effects of multi-walled carbon nanotubes on primary bronchial epithelial cells from COPD patients. <i>Nanotoxicology</i> , 2018, 12, 699-711.	3.0	15
23	Multi-scale alignment of respiratory cilia and its relation to mucociliary function. <i>Journal of Structural Biology</i> , 2021, 213, 107680.	2.8	14
24	Structural Microangiopathies in Skeletal Muscle Related to Systemic Vascular Pathologies in Humans. <i>Frontiers in Physiology</i> , 2020, 11, 28.	2.8	13
25	Geometric Properties of the Lung Parenchyma after Postnatal Glucocorticoid Treatment in Rats. <i>Neonatology</i> , 2003, 83, 57-64.	2.0	12
26	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. <i>Nanotoxicology</i> , 2020, 14, 77-96.	3.0	12
27	Effects of Mild Vitamin A Deficiency on Lung Maturation in Newborn Rats: A Morphometric and Morphologic Study. <i>Neonatology</i> , 2004, 86, 259-268.	2.0	11
28	The Swiss Primary Ciliary Dyskinesia registry: objectives, methods and first results. <i>Swiss Medical Weekly</i> , 2019, 149, .	1.6	10
29	EpCAM ⁺ CD73 ⁺ mark epithelial progenitor cells in postnatal human lung and are associated with pathogenesis of pulmonary disease including lung adenocarcinoma. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L794-L809.	2.9	7
30	A Comprehensive Approach for the Diagnosis of Primary Ciliary Dyskinesia—Experiences from the First 100 Patients of the PCD-UNIBE Diagnostic Center. <i>Diagnostics</i> , 2021, 11, 1540.	2.6	7
31	Effects of Neonatal High-Dose Short-Term Glucocorticoid Treatment on the Lung: A Morphologic and Morphometric Study in the Rat. <i>Pediatric Research</i> , 2003, 53, 72-80.	2.3	7
32	Increased capillary tortuosity and pericapillary basement membrane thinning in skeletal muscle of mice undergoing running wheel training. <i>Journal of Experimental Biology</i> , 2017, 221, .	1.7	6
33	The influence of age on valve disease in patients with varicose veins analysed by transmission electron microscopy and stereology. <i>Vasa - European Journal of Vascular Medicine</i> , 2018, 47, 409-416.	1.4	5
34	Pulmonary acini exhibit complex changes during postnatal rat lung development. <i>PLoS ONE</i> , 2021, 16, e0257349.	2.5	5
35	Ultrastructure of Skeletal Muscles in Mice Lacking Muscle-Specific VEGF Expression. <i>Anatomical Record</i> , 2017, 300, 2239-2249.	1.4	4
36	Diagnosis of primary ciliary dyskinesia: discrepancy according to different algorithms. <i>ERJ Open Research</i> , 2021, 7, 00353-2021.	2.6	4

#	ARTICLE	IF	CITATIONS
37	Morphologie der Lunge und Entwicklung des Gasaustauschapparates. Springer Reference Medizin, 2019, , 1-8.	0.0	0
38	Morphologie der Lunge und Entwicklung des Gasaustauschapparates. Springer Reference Medizin, 2020, , 1785-1792.	0.0	0