Matthias Ochs

List of Publications by Year
in descending order

135 papers	6,729 citations	116194 36 h-index	81351 76 g-index
175 all docs	175 docs citations	175 times ranked	7683 citing authors

#	Article	IF	Citations
1	Alveolar Wall Micromechanics. , 2022, , 232-238.		0
2	Placenta Percreta Presents with Neoangiogenesis of Arteries with Von Willebrand Factor-Negative Endothelium. Reproductive Sciences, 2022, 29, 1136-1144.	1.1	5
3	Alveolar epithelial glycocalyx degradation mediates surfactant dysfunction and contributes to acute respiratory distress syndrome. JCI Insight, 2022, 7, .	2.3	24
4	The ultrastructural heterogeneity of lung surfactant revealed by serial section electron tomography: insights into the 3-D architecture of human tubular myelin. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2022, 322, L873-L881.	1.3	4
5	Microstructured Hydrogels to Guide Selfâ€Assembly and Function of Lung Alveolospheres. Advanced Materials, 2022, 34, e2202992.	11.1	21
6	Collapse induration of alveoli is an ultrastructural finding in a COVID-19 patient. European Respiratory Journal, 2021, 57, 2004165.	3.1	18
7	Improved Alveolar Dynamics and Structure After Alveolar Epithelial Type II Cell Transplantation in Bleomycin Induced Lung Fibrosis. Frontiers in Medicine, 2021, 8, 640020.	1.2	6
8	Call for Papers: â€œMorphology is the link between genetics and functionâ€• a tribute to Ewald R. Weibel. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L254-L256.	1.3	1
9	Dietary Carbohydrates and Fat Induce Distinct Surfactant Alterations in Mice. American Journal of Respiratory Cell and Molecular Biology, 2021, 64, 379-390.	1.4	12
10	The common ABCA3^{E292V} variant disrupts AT2 cell quality control and increases susceptibility to lung injury and aberrant remodeling. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L291-L307.	1.3	16
11	LAMP3 deficiency affects surfactant homeostasis in mice. PLoS Genetics, 2021, 17, e1009619.	1.5	5
12	Linking Fibrotic Remodeling and Ultrastructural Alterations of Alveolar Epithelial Cells after Deletion of Nedd4-2. International Journal of Molecular Sciences, 2021, 22, 7607.	1.8	5
13	Stereology as the 3D tool to quantitate lung architecture. Histochemistry and Cell Biology, 2021, 155, 163-181.	0.8	12
14	Design-Based Stereology of the Lung in the Hyperoxic Preterm Rabbit Model of Bronchopulmonary Dysplasia. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-12.	1.9	4
15	SARS-CoV-2 infection triggers profibrotic macrophage responses and lung fibrosis. Cell, 2021, 184, 6243-6261.e27.	13.5	277
16	A short primer on lung stereology. Respiratory Research, 2021, 22, 305.	1.4	7
17	Corrosion casting of the temporal bone: Review of the technique. Annals of Anatomy, 2020, 228, 151455.	1.0	0
18	Reprint of Corrosion casting of the temporal bone: Review of the technique. Annals of Anatomy, 2020, 230, 151518.	1.0	0

#	Article	IF	Citations
19	â€œAnd then I met Ewald Weibelâ€• American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L403-L407.	1.3	4
20	Reply to: Comments on â€œAir Space Distension Precedes Spontaneous Fibrotic Remodeling and Impaired Cholesterol Metabolism in the Absence of Surfactant Protein Câ€• American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 399-402.	1.4	1
21	Spermidine supplementation and voluntary activity differentially affect obesity-related structural changes in the mouse lung. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L312-L324.	1.3	5
22	Three Alveolar Phenotypes Govern Lung Function in Murine Ventilator-Induced Lung Injury. Frontiers in Physiology, 2020, 11, 660.	1.3	20
23	Recessive missense LAMP3 variant associated with defect in lamellar body biogenesis and fatal neonatal interstitial lung disease in dogs. PLoS Genetics, 2020, 16, e1008651.	1.5	8
24	Air Space Distension Precedes Spontaneous Fibrotic Remodeling and Impaired Cholesterol Metabolism in the Absence of Surfactant Protein C. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 466-478.	1.4	22
25	On Top of the Alveolar Epithelium: Surfactant and the Glycocalyx. International Journal of Molecular Sciences, 2020, 21, 3075.	1.8	32
26	Conditional deletion of Nedd4-2 in lung epithelial cells causes progressive pulmonary fibrosis in adult mice. Nature Communications, 2020, 11, 2012.	5.8	52
27	Metabolic Glycoengineering Enables the Ultrastructural Visualization of Sialic Acids in the Glycocalyx of the Alveolar Epithelial Cell Line hAELVi. Frontiers in Bioengineering and Biotechnology, 2020, 8, 614357.	2.0	6
28	The Structural and Physiologic Basis of Respiratory Disease. , 2019, , 63-100.e2.		4
29	Susceptibility of microtubuleâ€•associated protein 1 light chain 3Î² (MAP1LC3B/LC3B) knockout mice to lung injury and fibrosis. FASEB Journal, 2019, 33, 12392-12408.	0.2	13
30	Surfactant Protein B Deficiency Induced High Surface Tension: Relationship between Alveolar Micromechanics, Alveolar Fluid Properties and Alveolar Epithelial Cell Injury. International Journal of Molecular Sciences, 2019, 20, 4243.	1.8	20
31	Volume-CLEM: a method for correlative light and electron microscopy in three dimensions. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 317, L778-L784.	1.3	12
32	Surfactant dysfunction and alveolar collapse are linked with fibrotic septal wall remodeling in the TGF-Î²1-induced mouse model of pulmonary fibrosis. Laboratory Investigation, 2019, 99, 830-852.	1.7	30
33	A combined in silico and in vitro study on mouse Serpina1a antitrypsin-deficiency mutants. Scientific Reports, 2019, 9, 7486.	1.6	2
34	Flow cytometric analysis of the leukocyte landscape during bleomycin-induced lung injury and fibrosis in the rat. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 317, L109-L126.	1.3	7
35	Lung growth after pneumonectomy: searching for the right stimuli. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L934-L935.	1.3	1
36	On the Topological Complexity of Human Alveolar Epithelial Type 1 Cells. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1153-1156.	2.5	26

#	Article	IF	Citations
37	Quantitative Histology Seriously Flawed by Lack of Lung Volume Measurement. American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 273-274.	1.4	2
38	Localization of Exogenous Mesenchymal Stem Cells in a Pig Model of Lung Transplantation. Thoracic and Cardiovascular Surgeon, 2018, 66, 063-070.	0.4	2
39	Stereological assessment of the bloodâ€air barrier and the surfactant system after mesenchymal stem cell pretreatment in a porcine nonâ€heartâ€beating donor model for lung transplantation. Journal of Anatomy, 2018, 232, 283-295.	0.9	3
40	The micromechanics of lung alveoli: structure and function of surfactant and tissue components. Histochemistry and Cell Biology, 2018, 150, 661-676.	0.8	247
41	Cellular and acellular ex vivo lung perfusion preserve functional lung ultrastructure in a large animal model: a stereological study. Respiratory Research, 2018, 19, 238.	1.4	14
42	Handsâ€on or no handsâ€on training in ultrasound imaging: A randomized trial to evaluate learning outcomes and speed of recall of topographic anatomy. Anatomical Sciences Education, 2018, 11, 575-591.	2.5	31
43	Recent developments in 3-D reconstruction and stereology to study the pulmonary vasculature. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L173-L183.	1.3	18
44	Alveolar Micromechanics in Bleomycin-induced Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 757-769.	1.4	42
45	The influence of age on valve disease in patients with varicose veins analysed by transmission electron microscopy and stereology. Vasa - European Journal of Vascular Medicine, 2018, 47, 409-416.	0.6	5
46	Development, remodeling and regeneration of the lung: coping with the structural and functional challenges of breathing. Cell and Tissue Research, 2017, 367, 407-411.	1.5	4
47	Aberrant lung remodeling in a mouse model of surfactant dysregulation induced by modulation of the Abca3 gene. Annals of Anatomy, 2017, 210, 135-146.	1.0	20
48	Lung remodeling in aging surfactant protein D deficient mice. Annals of Anatomy, 2017, 211, 158-175.	1.0	9
49	Surfactant replacement therapy reduces acute lung injury and collapse induration-related lung remodeling in the bleomycin model. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L313-L327.	1.3	39
50	Effect of irradiation/bone marrow transplantation on alveolar epithelial type II cells is aggravated in surfactant protein D deficient mice. Histochemistry and Cell Biology, 2017, 147, 49-61.	0.8	5
51	Digital 3D reconstructions using histological serial sections of lung tissue including the alveolar capillary network. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 312, L243-L257.	1.3	28
52	Tissue remodelling in pulmonary fibrosis. Cell and Tissue Research, 2017, 367, 607-626.	1.5	114
53	Differentiation of Human Pluripotent Stem Cells into Functional Lung Alveolar Epithelial Cells. Cell Stem Cell, 2017, 21, 472-488.e10.	5.2	406
54	A Critical Comment on a Recent Publication Using Parenchymal Airspace Profiling. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 132-132.	1.4	1

#	Article	IF	Citations
55	Autophagy in kidney transplants of sirolimus treated recipients. Journal of Nephropathology, 2017, 6, 90-96.	0.1	6
56	Thrombin stimulates albumin transcytosis in lung microvascular endothelial cells via activation of acid sphingomyelinase. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L720-L732.	1.3	29
57	In memoriam Joachim Richter (1941â€“2015). Annals of Anatomy, 2016, 208, A1-A3.	1.0	0
58	Using electron microscopes to look into the lung. Histochemistry and Cell Biology, 2016, 146, 695-707.	0.8	32
59	Evaluating acellular versus cellular perfusate composition during prolongedexÂvivolung perfusion after initial cold ischaemia for 24Âhours. Transplant International, 2016, 29, 88-97.	0.8	36
60	A combined method for correlative 3D imaging of biological samples from macro to nano scale. Scientific Reports, 2016, 6, 35606.	1.6	22
61	Surfactant dysfunction during overexpression of TGF-Î²1 precedes profibrotic lung remodeling in vivo. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L1260-L1271.	1.3	49
62	Lysophosphatidic Acid Signaling through the Lysophosphatidic Acid-1 Receptor Is Required for Alveolarization. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 105-116.	1.4	24
63	Visualization of the glomerular endothelial glycocalyx by electron microscopy using cationic colloidal thorium dioxide. Histochemistry and Cell Biology, 2016, 145, 41-51.	0.8	31
64	MAP1LC3B overexpression protects against Hermansky-Pudlak syndrome type-1-induced defective autophagy in vitro. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L519-L531.	1.3	25
65	Characterization of surfactant alterations in pigs infected withActinobacillus pleuropneumoniae. Experimental Lung Research, 2016, 42, 1-13.	0.5	4
66	Assessing particle and fiber toxicology in the respiratory system: the stereology toolbox. Particle and Fibre Toxicology, 2015, 12, 35.	2.8	30
67	Regional differences in alveolar density in the human lung are related to lung height. Journal of Applied Physiology, 2015, 118, 1429-1434.	1.2	24
68	Estimation of the number of alveolar capillaries by the Euler number (Euler-PoincarÃ© characteristic). American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L1286-L1293.	1.3	25
69	Method for 3D Airway Topology Extraction. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-7.	0.7	4
70	Correlating 3D morphology with molecular pathology: fibrotic remodelling in human lung biopsies. Thorax, 2015, 70, 1197-1198.	2.7	9
71	A review of recent developments and applications of morphometry/stereology in lung research. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L526-L536.	1.3	38
72	Alveolar Derecruitment and Collapse Induration as Crucial Mechanisms in Lung Injury and Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2015, 52, 232-243.	1.4	98

#	Article	IF	Citations
73	Linking progression of fibrotic lung remodeling and ultrastructural alterations of alveolar epithelial type II cells in the amiodarone mouse model. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L63-L75.	1.3	29
74	Characterization of spontaneous air space enlargement in mice lacking microfibrillar-associated protein 4. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L1114-L1124.	1.3	34
75	Staining histological lung sections with Sudan Black B or Sudan III for automated identification of alveolar epithelial type II cells. Acta Histochemica, 2015, 117, 675-680.	0.9	3
76	The role of inducible nitric oxide synthase for interstitial remodeling of alveolar septa in surfactant protein D-deficient mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L959-L969.	1.3	16
77	Lung Transplantation and the Bloodâ€“Gas Barrier. , 2015, , 189-220.		1
78	NOS2 Is Critical to the Development of Emphysema in Sftpd Deficient Mice but Does Not Affect Surfactant Homeostasis. PLoS ONE, 2014, 9, e85722.	1.1	18
79	How common is the lipid body-containing interstitial cell in the mammalian lung?. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L386-L394.	1.3	47
80	Alterations of mouse lung tissue dimensions during processing for morphometry: A comparison of methods. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L341-L350.	1.3	84
81	Impact of a Met(11)Thr single nucleotide polymorphism of surfactant protein D on allergic airway inflammation in a murine asthma model. Experimental Lung Research, 2014, 40, 154-163.	0.5	10
82	Altered Surfactant Homeostasis and Alveolar Epithelial Cell Stress in Amiodarone-Induced Lung Fibrosis. Toxicological Sciences, 2014, 142, 285-297.	1.4	40
83	Effects of exogenous surfactant on the nonâ€heartâ€beating donor lung graft in experimental lung transplantation â€“ a stereological study. Journal of Anatomy, 2014, 224, 594-602.	0.9	7
84	Mesenchymal stem cell pretreatment of non-heart-beating-donors in experimental lung transplantation. Journal of Cardiothoracic Surgery, 2014, 9, 151.	0.4	14
85	Measuring structure â€“ What's the point in counting?. Annals of Anatomy, 2014, 196, 1-2.	1.0	6
86	Estimating structural alterations in animal models of lung emphysema. Is there a gold standard?. Annals of Anatomy, 2014, 196, 26-33.	1.0	33
87	Quantitative microscopy of the lung: a problem-based approach. Part 2: stereological parameters and study designs in various diseases of the respiratory tract. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 305, L205-L221.	1.3	116
88	Quantitative microscopy of the lung: a problem-based approach. Part 1: basic principles of lung stereology. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 305, L15-L22.	1.3	148
89	Keratinocyte Growth Factor and Dexamethasone Plus Elevated cAMP Levels Synergistically Support Pluripotent Stem Cell Differentiation into Alveolar Epithelial Type II Cells. Tissue Engineering - Part A, 2013, 19, 938-951.	1.6	23
90	Stereology of the Lung. Methods in Cell Biology, 2013, 113, 257-294.	0.5	40

#	Article	IF	Citations
91	Stereological assessment of mouse lung parenchyma via nondestructive, multiscale micro-CT imaging validated by light microscopic histology. Journal of Applied Physiology, 2013, 114, 716-724.	1.2	51
92	Surfactant protein <scp>D</scp> (<scp>SP</scp>â€‹<scp>D</scp>) deficiency is attenuated in humanised mice expressing the <scp>M</scp>et(11)<scp>T</scp>hr short nucleotide polymorphism of <scp>SP</scp>â€‹<scp>D</scp>: implications for surfactant metabolism in the lung. Journal of Anatomy, 2013, 223, 581-592.	0.9	15
93	Imaging of the mouse lung with scanning laser optical tomography (SLOT). Journal of Applied Physiology, 2012, 113, 975-983.	1.2	34
94	Assessment of morphometry of pulmonary acini in mouse lungs by nondestructive imaging using multiscale microcomputed tomography. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17105-17110.	3.3	103
95	Optimized murine lung preparation for detailed structural evaluation via micro-computed tomography. Journal of Applied Physiology, 2012, 112, 159-166.	1.2	43
96	Lung preservation in experimental ischemia/reperfusion injury and lung transplantation: A comparison of natural and synthetic surfactants. Journal of Heart and Lung Transplantation, 2012, 31, 85-93.	0.3	20
97	Stereology and Morphometry of Lung Tissue. Methods in Molecular Biology, 2012, 931, 367-390.	0.4	54
98	The Structural and Physiologic Basis of Respiratory Disease. , 2012, , 35-74.		5
99	Microscopy-based quantitative analysis of lung structure: application in diagnosis. Expert Opinion on Medical Diagnostics, 2011, 5, 319-331.	1.6	10
100	Ultrastructural changes of the intracellular surfactant pool in a rat model of lung transplantation-related events. Respiratory Research, 2011, 12, 79.	1.4	18
101	Assessment of air space size characteristics by intercept (chord) measurement: an accurate and efficient stereological approach. Journal of Applied Physiology, 2010, 108, 412-421.	1.2	225
102	Lamellar body ultrastructure revisited: high-pressure freezing and cryo-electron microscopy of vitreous sections. Histochemistry and Cell Biology, 2010, 134, 319-326.	0.8	29
103	Is Length an Appropriate Estimator to Characterize Pulmonary Alveolar Capillaries? A Critical Evaluation in the Human Lung. Anatomical Record, 2010, 293, 1270-1275.	0.8	33
104	The Closer we Look the more we See? Quantitative Microscopic Analysis of the Pulmonary Surfactant System. Cellular Physiology and Biochemistry, 2010, 25, 027-040.	1.1	72
105	An Official Research Policy Statement of the American Thoracic Society/European Respiratory Society: Standards for Quantitative Assessment of Lung Structure. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 394-418.	2.5	760
106	Allometry of the mammalian intracellular pulmonary surfactant system. Journal of Applied Physiology, 2010, 109, 1662-1669.	1.2	16
107	Exogenous surfactant in ischemia/reperfusion: Effects on endogenous surfactant pools. Journal of Heart and Lung Transplantation, 2010, 29, 327-334.	0.3	23
108	Stereological Estimates of Alveolar Number and Size and Capillary Length and Surface Area in Mice Lungs. Anatomical Record, 2009, 292, 113-122.	0.8	134

#	Article	IF	Citations
109	A Recombinant Fragment of Human Surfactant Protein D Lacking the Short Collagenâ€Like Stalk Fails to Correct Morphological Alterations in Lungs of SPâ€Ð Deficient Mice. Anatomical Record, 2009, 292, 183-189.	0.8	25
110	A review of recent methods for efficiently quantifying immunogold and other nanoparticles using TEM sections through cells, tissues and organs. Annals of Anatomy, 2009, 191, 153-170.	1.0	113
111	Increased Airway Smooth Muscle Mass in Children with Asthma, Cystic Fibrosis, and Non-Cystic Fibrosis Bronchiectasis. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 837-843.	2.5	145
112	How much is there really? Why stereology is essential in lung morphometry. Journal of Applied Physiology, 2007, 102, 459-467.	1.2	222
113	Stereology meets electron tomography: Towards quantitative 3D electron microscopy. Journal of Structural Biology, 2007, 159, 443-450.	1.3	41
114	Truncated recombinant human SP-D attenuates emphysema and type II cell changes in SP-D deficient mice. Respiratory Research, 2007, 8, 70.	1.4	76
115	Detection of Surfactant Proteins A and D in Human Tear Fluid and the Human Lacrimal System. , 2007, 48, 3945.		98
116	Visualization and quantitative analysis of nanoparticles in the respiratory tract by transmission electron microscopy. Particle and Fibre Toxicology, 2007, 4, 11.	2.8	114
117	Morphological alterations of exogenous surfactant inhibited by meconium can be prevented by dextran. Respiratory Research, 2006, 7, 86.	1.4	29
118	A brief update on lung stereology. Journal of Microscopy, 2006, 222, 188-200.	0.8	141
119	Design-based stereological analysis of the lung parenchymal architecture and alveolar type II cells in surfactant protein A and D double deficient mice. The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology, 2005, 286A, 885-890.	2.0	32
120	Distribution of surfactant proteins in type II pneumocytes of newborn, 14-day old, and adult rats: an immunoelectron microscopic and stereological study. Histochemistry and Cell Biology, 2005, 124, 465-476.	0.8	39
121	Surfactant Protein B in Type II Pneumocytes and Intra-Alveolar Surfactant Forms of Human Lungs. American Journal of Respiratory Cell and Molecular Biology, 2004, 30, 449-458.	1.4	76
122	GM-CSF mediates alveolar epithelial type II cell changes, but not emphysema-like pathology, in SP-D-deficient mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 287, L1333-L1341.	1.3	53
123	Occurence of lipid bodies in canine type II pneumocytes during hypothermic lung ischemia. The Anatomical Record, 2004, 277A, 287-297.	2.3	10
124	The Number of Alveoli in the Human Lung. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 120-124.	2.5	573
125	Involvement of Napsin A in the C- and N-terminal Processing of Surfactant Protein B in Type-II Pneumocytes of the Human Lung. Journal of Biological Chemistry, 2003, 278, 49006-49014.	1.6	91
126	Involvement of Cathepsin H in the Processing of the Hydrophobic Surfactant-Associated Protein C in Type II Pneumocytes. American Journal of Respiratory Cell and Molecular Biology, 2002, 26, 659-670.	1.4	82

#	Article	IF	Citations
127	Intracellular and Intraalveolar Localization of Surfactant Protein A (SP-A) in the Parenchymal Region of the Human Lung. American Journal of Respiratory Cell and Molecular Biology, 2002, 26, 91-98.	1.4	74
128	Ultrastructure of canine type II pneumocytes during hypothermic ischemia of the lung: A study by means of conventional and energy filtering transmission electron microscopy and stereology. The Anatomical Record, 2001, 263, 118-126.	2.3	23
129	To what extent are the retinal capillaries ensheathed by Muller cells? A stereological study in the tree shrew Tupaia belangeri. Journal of Anatomy, 2000, 196, 453-461.	0.9	15
130	18th European Stereology Course. Analytical Cellular Pathology, 2000, 20, 67-67.	2.1	0
131	Beneficial Effect of Lung Preservation Is Related to Ultrastructural Integrity of Tubular Myelin after Experimental Ischemia and Reperfusion. American Journal of Respiratory and Critical Care Medicine, 2000, 161, 2058-2065.	2.5	30
132	Ultrastructural Alterations in Intraalveolar Surfactant Subtypes after Experimental Ischemia and Reperfusion. American Journal of Respiratory and Critical Care Medicine, 1999, 160, 718-724.	2.5	73
133	Stereological estimation of the volume weighted mean volumes of alveoli and acinar pathways in the rat lung to characterise alterations after ischaemia/reperfusion. Journal of Anatomy, 1999, 194, 127-135.	0.9	35
134	Horizontal cells invest retinal capillaries in the tree shrew Tupaia belangeri. Cell and Tissue Research, 1999, 298, 33-43.	1.5	9
135	Ultrastructural pathology of the alveolar type II pneumocytes of human donor lungs. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 1998, 432, 229-239.	1.4	28