

Eric P Schmidt

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

1,818
citations

21
h-index

42
g-index

50
ext. papers

2,348
ext. citations

7.3
avg, IF

5.18
L-index

#	Paper	IF	Citations
39	Update on the Features and Measurements of Experimental Acute Lung Injury in Animals: An Official American Thoracic Society Workshop Report.. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022 , 66, e1-e14	5.7	5
38	Minimal Change Disease Is Associated With Endothelial Glycocalyx Degradation and Endothelial Activation.. <i>Kidney International Reports</i> , 2022 , 7, 797-809	4.1	0
37	Endothelial glycocalyx degradation during sepsis: Causes and consequences.. <i>Matrix Biology Plus</i> , 2021 , 12, 100094	5.1	3
36	Endothelial Heparan Sulfate Proteoglycans in Sepsis: The Role of the Glycocalyx. <i>Seminars in Thrombosis and Hemostasis</i> , 2021 , 47, 274-282	5.3	6
35	Advancing precision medicine for acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , 2021 ,	35.1	10
34	ABO blood type: a window into the genetics of acute respiratory distress syndrome susceptibility. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	1
33	Safety and Outcomes of Prolonged Usual Care Prone Position Mechanical Ventilation to Treat Acute Coronavirus Disease 2019 Hypoxemic Respiratory Failure. <i>Critical Care Medicine</i> , 2021 , 49, 490-502	1.4	19
32	Heparin as a therapy for COVID-19: current evidence and future possibilities. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020 , 319, L211-L217	5.8	94
31	Grant Writing for Clinicians in Training: An Important Career Development Exercise. <i>Chest</i> , 2020 , 157, 932-935	5.3	1
30	Alveolar heparan sulfate shedding impedes recovery from bleomycin-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020 , 318, L1198-L1210	5.8	10
29	Loss of endothelial sulfatase-1 after experimental sepsis attenuates subsequent pulmonary inflammatory responses. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019 , 317, L667-L677	5.8	4
28	Circulating heparan sulfate fragments mediate septic cognitive dysfunction. <i>Journal of Clinical Investigation</i> , 2019 , 129, 1779-1784	15.9	52
27	The glycocalyx: a novel diagnostic and therapeutic target in sepsis. <i>Critical Care</i> , 2019 , 23, 16	10.8	224
26	Staphylococcus aureus adhesion in endovascular infections is controlled by the ArlRS-MgrA signaling cascade. <i>PLoS Pathogens</i> , 2019 , 15, e1007800	7.6	16
25	Direct Intrabronchial Administration to Improve the Selective Agent Deposition Within the Mouse Lung. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	2
24	Circulating heparin oligosaccharides rapidly target the hippocampus in sepsis, potentially impacting cognitive functions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 9208-9213	11.5	32
23	Intravenous fluid resuscitation is associated with septic endothelial glycocalyx degradation. <i>Critical Care</i> , 2019 , 23, 259	10.8	67

22	Epithelial Heparan Sulfate Contributes to Alveolar Barrier Function and Is Shed during Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018 , 59, 363-374	5.7	24
21	Intravital Microscopy in the Mouse Lung. <i>Methods in Molecular Biology</i> , 2018 , 1809, 331-339	1.4	3
20	More than a biomarker: the systemic consequences of heparan sulfate fragments released during endothelial surface layer degradation (2017 Grover Conference Series). <i>Pulmonary Circulation</i> , 2018 , 8, 2045893217745786	2.7	13
19	The Pulmonary Endothelial Glycocalyx in ARDS: A Critical Role for Heparan Sulfate. <i>Current Topics in Membranes</i> , 2018 , 82, 33-52	2.2	25
18	Chemoenzymatic synthesis of unmodified heparin oligosaccharides: cleavage of p-nitrophenyl glucuronide by alkaline and Smith degradation. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 1222-1227	3.9	13
17	Fibroblast Growth Factor Signaling Mediates Pulmonary Endothelial Glycocalyx Reconstitution. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017 , 56, 727-737	5.7	50
16	A model-specific role of microRNA-223 as a mediator of kidney injury during experimental sepsis. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 313, F553-F559	4.3	26
15	Adhesion Molecules: Master Controllers of the Circulatory System. <i>Comprehensive Physiology</i> , 2016 , 6, 945-73	7.7	31
14	Heparan Sulfate in the Developing, Healthy, and Injured Lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016 , 55, 5-11	5.7	41
13	Endothelial and Microcirculatory Function and Dysfunction in Sepsis. <i>Clinics in Chest Medicine</i> , 2016 , 37, 263-75	5.3	63
12	Urinary Glycosaminoglycans Predict Outcomes in Septic Shock and Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 439-49	10.2	93
11	Analysis of Total Human Urinary Glycosaminoglycan Disaccharides by Liquid Chromatography-Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2015 , 87, 6220-7	7.8	58
10	The role of heparanase in pulmonary cell recruitment in response to an allergic but not non-allergic stimulus. <i>PLoS ONE</i> , 2015 , 10, e0127032	3.7	30
9	Rtp801 suppression of epithelial mTORC1 augments endotoxin-induced lung inflammation. <i>American Journal of Pathology</i> , 2014 , 184, 2382-9	5.8	18
8	The circulating glycosaminoglycan signature of respiratory failure in critically ill adults. <i>Journal of Biological Chemistry</i> , 2014 , 289, 8194-202	5.4	103
7	The endothelial glycocalyx: an important regulator of the pulmonary vascular barrier. <i>Tissue Barriers</i> , 2013 , 1,	4.3	59
6	Heparanase mediates renal dysfunction during early sepsis in mice. <i>Physiological Reports</i> , 2013 , 1, e00153.6	5.3	51
5	Endothelial glycocalyx degradation predisposes for transfusion-associated acute lung injury. <i>FASEB Journal</i> , 2013 , 27, 724.1	0.9	1

4	The expanding appreciation of heparanase in human disease. <i>Neuroscience Letters</i> , 2012 , 511, 1-3	3.3	2
3	The pulmonary endothelial glycocalyx regulates neutrophil adhesion and lung injury during experimental sepsis. <i>Nature Medicine</i> , 2012 , 18, 1217-23	50.5	466
2	On, around, and through: neutrophil-endothelial interactions in innate immunity. <i>Physiology</i> , 2011 , 26, 334-47	9.8	63
1	Soluble guanylyl cyclase contributes to ventilator-induced lung injury in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008 , 295, L1056-65	5.8	34