

Brant M Wagener

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

661
citations

516710

16
h-index

610901

24
g-index

38
all docs

38
docs citations

38
times ranked

972
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute brain trauma, lung injury, and pneumonia: more than just altered mental status and decreased airway protection. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L1-L15.	2.9	53
2	Role of heme in lung bacterial infection after trauma hemorrhage and stored red blood cell transfusion: A preclinical experimental study. <i>PLoS Medicine</i> , 2018, 15, e1002522.	8.4	51
3	HMGB1 Accelerates Alveolar Epithelial Repair via an IL-1 β - and β 6 Integrin-dependent Activation of TGF- β 1. <i>PLoS ONE</i> , 2013, 8, e63907.	2.5	43
4	Red blood cell washing, nitrite therapy, and antiheme therapies prevent stored red blood cell toxicity after trauma-associated hemorrhage. <i>Free Radical Biology and Medicine</i> , 2015, 85, 207-218.	2.9	42
5	Role of angiotensin-converting enzyme 2 and pericytes in cardiac complications of COVID-19 infection. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H1059-H1068.	3.2	39
6	Low Plasma ADAMTS13 Activity Is Associated with Coagulopathy, Endothelial Cell Damage and Mortality after Severe Paediatric Trauma. <i>Thrombosis and Haemostasis</i> , 2018, 47, 676-687.	3.4	32
7	Histone-Complexed DNA Fragments Levels are Associated with Coagulopathy, Endothelial Cell Damage, and Increased Mortality after Severe Pediatric Trauma. <i>Shock</i> , 2018, 49, 44-52.	2.1	32
8	<i>Pseudomonas aeruginosa</i> infection liberates transmissible, cytotoxic prion amyloids. <i>FASEB Journal</i> , 2017, 31, 2785-2796.	0.5	31
9	Postexposure aerosolized heparin reduces lung injury in chlorine-exposed mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L347-L354.	2.9	29
10	Adaptor Protein-2 Interaction with Arrestin Regulates GPCR Recycling and Apoptosis. <i>Traffic</i> , 2009, 10, 1286-1300.	2.7	27
11	Virulent <i>Pseudomonas aeruginosa</i> infection converts antimicrobial amyloids into cytotoxic prions. <i>FASEB Journal</i> , 2020, 34, 9156-9179.	0.5	26
12	Nosocomial Pneumonia Elicits an Endothelial Proteinopathy: Evidence for a Source of Neurotoxic Amyloids in Critically Ill Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1575-1578.	5.6	22
13	Instillation of hyaluronan reverses acid instillation injury to the mammalian blood gas barrier. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, L808-L821.	2.9	20
14	Infection-induced endothelial amyloids impair memory. <i>FASEB Journal</i> , 2019, 33, 10300-10314.	0.5	20
15	Pneumonia initiates a tauopathy. <i>FASEB Journal</i> , 2021, 35, e21807.	0.5	20
16	Synergistic Inhibition of β 2-adrenergic Receptor-mediated Alveolar Epithelial Fluid Transport by Interleukin-8 and Transforming Growth Factor- β 2. <i>Anesthesiology</i> , 2015, 122, 1084-1092.	2.5	19
17	An Ounce of Prevention May Prevent Hospitalization. <i>Physiological Reviews</i> , 2020, 100, 1347-1348.	28.8	17
18	Exoenzyme Y Contributes to End-Organ Dysfunction Caused by <i>Pseudomonas aeruginosa</i> Pneumonia in Critically Ill Patients: An Exploratory Study. <i>Toxins</i> , 2020, 12, 369.	3.4	16

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19	Cytotoxic tau released from lung microvascular endothelial cells upon infection with <i>Pseudomonas aeruginosa</i> promotes neuronal tauopathy. <i>Journal of Biological Chemistry</i> , 2022, 298, 101482.	3.4	14
20	Heat-shock Response Increases Lung Injury Caused by <i>Pseudomonas aeruginosa</i> via an Interleukin-10-dependent Mechanism in Mice. <i>Anesthesiology</i> , 2014, 120, 1450-1462.	2.5	13
21	Neuronal Wiskott-Aldrich syndrome protein regulates TGF β ¹ -mediated lung vascular permeability. <i>FASEB Journal</i> , 2016, 30, 2557-2569.	0.5	12
22	Regulation of N-Formyl Peptide Receptor Signaling and Trafficking by Arrestin-Src Kinase Interaction. <i>PLoS ONE</i> , 2016, 11, e0147442.	2.5	11
23	COVID-19 and Long-Term Outcomes: Lessons from Other Critical Care Illnesses and Potential Mechanisms. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 67, 275-283.	2.9	11
24	α -Tocopherol Attenuates the Severity of <i>Pseudomonas aeruginosa</i> -induced Pneumonia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 234-243.	2.9	10
25	The Role of <i>Pseudomonas aeruginosa</i> Virulence Factors in Cytoskeletal Dysregulation and Lung Barrier Dysfunction. <i>Toxins</i> , 2021, 13, 776.	3.4	10
26	Neuronal Wiskott-Aldrich syndrome protein regulates <i>Pseudomonas aeruginosa</i> -induced lung vascular permeability through the modulation of actin cytoskeletal dynamics. <i>FASEB Journal</i> , 2020, 34, 3305-3317.	0.5	8
27	Estrogen Alleviates Sex-Dependent Differences in Lung Bacterial Clearance and Mortality Secondary to Bacterial Pneumonia after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 989-999.	3.4	8
28	Autonomic nervous system activity and the risk of nosocomial infection in critically ill patients with brain injury. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 69.	1.9	7
29	ExoU Induces Lung Endothelial Cell Damage and Activates Pro-Inflammatory Caspase-1 during <i>Pseudomonas aeruginosa</i> Infection. <i>Toxins</i> , 2022, 14, 152.	3.4	5
30	Carbonic Anhydrase IX and Hypoxia Promote Rat Pulmonary Endothelial Cell Survival during Infection. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 65, 630-645.	2.9	3
31	A More Clinically Relevant Model of Ventilator-associated Pneumonia?. <i>Anesthesiology</i> , 2014, 120, 1075-1077.	2.5	3
32	Fibrinolytic or anti-plasmin (nafamostat) therapy for COVID-19: A timing challenge for clinicians. <i>Pulmonary Pharmacology and Therapeutics</i> , 2021, 70, 102055.	2.6	2
33	Phosphodiesterase 4 mediates interleukin β -induced heterologous desensitization of the β ₂ -adrenergic receptor. <i>FASEB Journal</i> , 2021, 35, e21946.	0.5	0
34	IL β Inhibits cAMP-stimulated Alveolar Epithelial Fluid Transport via a GRK2/PI3K-dependent Mechanism. <i>FASEB Journal</i> , 2013, 27, 913.6.	0.5	0
35	Anesthesiology Articles Published in 2020: A Review and Characterization of COVID-19 Versus Non-COVID-19 Publications in Top Anesthesiology Journals. <i>Cureus</i> , 2022, 14, e23943.	0.5	0
36	Pulmonary Endothelial Tau Aggregation After Infection. <i>FASEB Journal</i> , 2022, 36, .	0.5	0