

Martin Wepler

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

708
citations

516561

16
h-index

642610

23
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43
all docs

43
docs citations

43
times ranked

827
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-Hemodynamic Effects of Catecholamines. <i>Shock</i> , 2017, 48, 390-400.	1.0	58
2	Effects of Hyperoxia and Mild Therapeutic Hypothermia During Resuscitation From Porcine Hemorrhagic Shock*. <i>Critical Care Medicine</i> , 2016, 44, e264-e277.	0.4	36
3	Hyperoxia toxicity in septic shock patients according to the Sepsis-3 criteria: a post hoc analysis of the HYPER2S trial. <i>Annals of Intensive Care</i> , 2018, 8, 90.	2.2	34
4	Experimental blunt chest trauma-induced myocardial inflammation and alteration of gap-junction protein connexin 43. <i>PLoS ONE</i> , 2017, 12, e0187270.	1.1	31
5	Key summary of German national treatment guidance for hospitalized COVID-19 patients. <i>Infection</i> , 2022, 50, 93-106.	2.3	30
6	Effects of sodium thiosulfate (Na ₂ S ₂ O ₃) during resuscitation from hemorrhagic shock in swine with preexisting atherosclerosis. <i>Pharmacological Research</i> , 2020, 151, 104536.	3.1	29
7	Cardiovascular disease and resuscitated septic shock lead to the downregulation of the H ₂ S-producing enzyme cystathionine- β -lyase in the porcine coronary artery. <i>Intensive Care Medicine Experimental</i> , 2017, 5, 17.	0.9	28
8	Gaseous Mediators and Mitochondrial Function: The Future of Pharmacologically Induced Suspended Animation?. <i>Frontiers in Physiology</i> , 2017, 8, 691.	1.3	25
9	Effects of Hyperoxia During Resuscitation From Hemorrhagic Shock in Swine With Preexisting Coronary Artery Disease. <i>Critical Care Medicine</i> , 2017, 45, e1270-e1279.	0.4	23
10	The Mitochondria-Targeted H ₂ S-Donor AP39 in a Murine Model of Combined Hemorrhagic Shock and Blunt Chest Trauma. <i>Shock</i> , 2019, 52, 230-239.	1.0	22
11	Impaired Glucocorticoid Receptor Dimerization Aggravates LPS-Induced Circulatory and Pulmonary Dysfunction. <i>Frontiers in Immunology</i> , 2020, 10, 3152.	2.2	22
12	Physiological and Immune-Biological Characterization of a Long-Term Murine Model of Blunt Chest Trauma. <i>Shock</i> , 2015, 43, 140-147.	1.0	21
13	Metabolic substrate utilization in stress-induced immune cells. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 28.	0.9	21
14	Interaction of the hydrogen sulfide system with the oxytocin system in the injured mouse heart. <i>Intensive Care Medicine Experimental</i> , 2018, 6, 41.	0.9	20
15	Effects of the PPAR- β agonist GW0742 during resuscitated porcine septic shock. <i>Intensive Care Medicine Experimental</i> , 2013, 1, 28.	0.9	19
16	Left ventricular function during porcine-resuscitated septic shock with pre-existing atherosclerosis. <i>Intensive Care Medicine Experimental</i> , 2016, 4, 14.	0.9	19
17	Advanced Photonic Sensors Based on Interband Cascade Lasers for Real-Time Mouse Breath Analysis. <i>ACS Sensors</i> , 2018, 3, 1743-1749.	4.0	18
18	In-Depth Characterization of the Effects of Cigarette Smoke Exposure on the Acute Trauma Response and Hemorrhage in Mice. <i>Shock</i> , 2019, 51, 68-77.	1.0	18

#	ARTICLE	IF	CITATIONS
19	The Effects of Genetic 3-Mercaptopyruvate Sulfurtransferase Deficiency in Murine Traumatic-Hemorrhagic Shock. <i>Shock</i> , 2019, 51, 472-478.	1.0	18
20	The Role of Glucocorticoid Receptor and Oxytocin Receptor in the Septic Heart in a Clinically Relevant, Resuscitated Porcine Model With Underlying Atherosclerosis. <i>Frontiers in Endocrinology</i> , 2020, 11, 299.	1.5	18
21	Metabolic, Cardiac, and Renal Effects of the Slow Hydrogen Sulfide-Releasing Molecule GYY4137 During Resuscitated Septic Shock in Swine with Pre-Existing Coronary Artery Disease. <i>Shock</i> , 2017, 48, 175-184.	1.0	17
22	Exposure of Stored Packed Erythrocytes to Nitric Oxide Prevents Transfusion-associated Pulmonary Hypertension. <i>Anesthesiology</i> , 2016, 125, 952-963.	1.3	15
23	Soluble epoxide hydrolase deficiency or inhibition enhances murine hypoxic pulmonary vasoconstriction after lipopolysaccharide challenge. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L1213-L1221.	1.3	15
24	Cystathionine- β -lyase expression is associated with mitochondrial respiration during sepsis-induced acute kidney injury in swine with atherosclerosis. <i>Intensive Care Medicine Experimental</i> , 2018, 6, 43.	0.9	15
25	Implementation of continuous renal replacement therapy with regional citrate anticoagulation on a surgical and trauma intensive care unit: impact on clinical and economic aspectsâ€”an observational study. <i>Journal of Intensive Care</i> , 2015, 3, 35.	1.3	14
26	The Neuroprotective Effect of Ethanol Intoxication in Traumatic Brain Injury Is Associated with the Suppression of ErbB Signaling in Parvalbumin-Positive Interneurons. <i>Journal of Neurotrauma</i> , 2018, 35, 2718-2735.	1.7	14
27	Development of a portable mini-generator to safely produce nitric oxide for the treatment of infants with pulmonary hypertension. <i>Nitric Oxide - Biology and Chemistry</i> , 2018, 75, 70-76.	1.2	12
28	In-depth characterization of a long-term, resuscitated model of acute subdural hematomaâ€”induced brain injury. <i>Journal of Neurosurgery</i> , 2021, 134, 223-234.	0.9	12
29	Sensitivity to Sevoflurane anesthesia is decreased in mice with a congenital deletion of Guanylyl Cyclase-1 alpha. <i>BMC Anesthesiology</i> , 2017, 17, 76.	0.7	10
30	Effects of Psychosocial Stress on Subsequent Hemorrhagic Shock and Resuscitation in Male Mice. <i>Shock</i> , 2019, 51, 725-730.	1.0	10
31	H2S in acute lung injury: a therapeutic dead end(?). <i>Intensive Care Medicine Experimental</i> , 2020, 8, 33.	0.9	10
32	Impact of downstream effects of glucocorticoid receptor dysfunction on organ function in critical illness-associated systemic inflammation. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 37.	0.9	9
33	Role of the Purinergic Receptor P2XR4 After Blunt Chest Trauma in Cigarette Smoke-Exposed Mice. <i>Shock</i> , 2017, 47, 193-199.	1.0	8
34	Effects of Acute Subdural Hematoma-Induced Brain Injury On Energy Metabolism in Peripheral Blood Mononuclear Cells. <i>Shock</i> , 2021, 55, 407-417.	1.0	7
35	Cardiac Effects of Hyperoxia During Resuscitation From Hemorrhagic Shock in Swine. <i>Shock</i> , 2019, 52, e52-e59.	1.0	6
36	Surgical tracheostomy in a cohort of COVID-19 patients. <i>Hno</i> , 2021, 69, 303-311.	0.4	6

#	ARTICLE	IF	CITATIONS
37	Before the ICU: does emergency room hyperoxia affect outcome?. Critical Care, 2018, 22, 59.	2.5	5
38	Intravenous hydrogen sulfide does not induce neuroprotection after aortic balloon occlusion-induced spinal cord ischemia/reperfusion injury in a human-like porcine model of ubiquitous arteriosclerosis. Intensive Care Medicine Experimental, 2018, 6, 44.	0.9	5
39	Impaired hypoxic pulmonary vasoconstriction in a mouse model of Leigh syndrome. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L391-L399.	1.3	3
40	Development of a novel global rating scale for objective structured assessment of technical skills in an emergency medical simulation training. BMC Medical Education, 2021, 21, 184.	1.0	2
41	Platypnea-Orthodeoxia. A & A Case Reports, 2014, 2, 31-33.	0.7	0