

Oscar McCook

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1379485/publications.pdf>

Version: 2024-02-01

66
papers

1,089
citations

393982

19
h-index

500791

28
g-index

73
all docs

73
docs citations

73
times ranked

1008
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Alpha and Beta Platelet-Derived Growth Factor Receptor in the Vascular Response to Injury in Nonhuman Primates. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 900-909.	1.1	71
2	H ₂ S during circulatory shock: Some unresolved questions. <i>Nitric Oxide - Biology and Chemistry</i> , 2014, 41, 48-61.	1.2	56
3	Effects of intravenous sulfide during resuscitated porcine hemorrhagic shock*. <i>Critical Care Medicine</i> , 2012, 40, 2157-2167.	0.4	44
4	Role of Hemorrhagic Shock in Experimental Polytrauma. <i>Shock</i> , 2018, 49, 154-163.	1.0	41
5	Adrenomedullin binding improves catecholamine responsiveness and kidney function in resuscitated murine septic shock. <i>Intensive Care Medicine Experimental</i> , 2013, 1, 21.	0.9	40
6	Effects of the Humanized Anti-Adrenomedullin Antibody Adrecizumab (HAM8101) on Vascular Barrier Function and Survival in Rodent Models of Systemic Inflammation and Sepsis. <i>Shock</i> , 2018, 50, 648-654.	1.0	37
7	Comparison of carbamylated erythropoietin-FC fusion protein and recombinant human erythropoietin during porcine aortic balloon occlusion-induced spinal cord ischemia/reperfusion injury. <i>Intensive Care Medicine</i> , 2011, 37, 1525-33.	3.9	36
8	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
9	Carbamylated erythropoietin-FC fusion protein and recombinant human erythropoietin during porcine kidney ischemia/reperfusion injury. <i>Intensive Care Medicine</i> , 2013, 39, 497-510.	3.9	34
10	Exposure to 100% Oxygen Abolishes the Impairment of Fracture Healing after Thoracic Trauma. <i>PLoS ONE</i> , 2015, 10, e0131194.	1.1	29
11	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
12	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
13	Cardiopulmonary, Histologic, and Inflammatory Effects of Intravenous Na ₂ S After Blunt Chest Trauma-Induced Lung Contusion in Mice. <i>Journal of Trauma</i> , 2011, 71, 1659-1667.	2.3	26
14	Temperature and Cell-Type Dependency of Sulfide Effects on Mitochondrial Respiration. <i>Shock</i> , 2012, 38, 367-374.	1.0	26
15	Blunt Chest Trauma in Mice after Cigarette Smoke-Exposure: Effects of Mechanical Ventilation with 100 % O ₂ . <i>PLoS ONE</i> , 2015, 10, e0132810.	1.1	25
16	Association of Kidney Tissue Barrier Disrupture and Renal Dysfunction in Resuscitated Murine Septic Shock. <i>Shock</i> , 2016, 46, 398-404.	1.0	24
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Impaired Glucocorticoid Receptor Dimerization Aggravates LPS-Induced Circulatory and Pulmonary Dysfunction. <i>Frontiers in Immunology</i> , 2020, 10, 3152.	2.2	22
20	Effects of Pretreatment Hypothermia During Resuscitated Porcine Hemorrhagic Shock. <i>Critical Care Medicine</i> , 2013, 41, e105-e117.	0.4	21
21	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
22	Maternal Separation Induces Long-Term Alterations in the Cardiac Oxytocin Receptor and Cystathionine β -Lyase Expression in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-10.	1.9	21
23	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
24	Effects of the PPAR- β agonist GW0742 during resuscitated porcine septic shock. <i>Intensive Care Medicine Experimental</i> , 2013, 1, 28.	0.9	19
25	Left ventricular function during porcine-resuscitated septic shock with pre-existing atherosclerosis. <i>Intensive Care Medicine Experimental</i> , 2016, 4, 14.	0.9	19
26	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
27	The Effects of Genetic 3-Mercaptopyruvate Sulfurtransferase Deficiency in Murine Traumatic-Hemorrhagic Shock. <i>Shock</i> , 2019, 51, 472-478.	1.0	18
28	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
29	Sulfide-inhibition of mitochondrial respiration at very low oxygen concentrations. <i>Nitric Oxide - Biology and Chemistry</i> , 2014, 41, 79-84.	1.2	17
30	Early Detection of Junctional Adhesion Molecule-1 (JAM-1) in the Circulation after Experimental and Clinical Polytrauma. <i>Mediators of Inflammation</i> , 2015, 2015, 1-7.	1.4	17
31	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
32	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
33	The Role of Cystathionine- β -Lyase In Blunt Chest Trauma in Cigarette Smoke Exposed Mice. <i>Shock</i> , 2017, 47, 491-499.	1.0	14
34	Erythropoietin in the critically ill: do we ask the right questions?. <i>Critical Care</i> , 2012, 16, 319.	2.5	12
35	In-depth characterization of a long-term, resuscitated model of acute subdural hematoma-induced brain injury. <i>Journal of Neurosurgery</i> , 2021, 134, 223-234.	0.9	12
36	Cerebral Immunohistochemical Characterization of the H2S and the Oxytocin Systems in a Porcine Model of Acute Subdural Hematoma. <i>Frontiers in Neurology</i> , 2020, 11, 649.	1.1	11

#	ARTICLE	IF	CITATIONS
37	Hyperoxia or Therapeutic Hypothermia During Resuscitation from Non-Lethal Hemorrhagic Shock in Swine. <i>Shock</i> , 2017, 48, 564-570.	1.0	10
38	Impact of hyperglycemia on cystathionine- β -lyase expression during resuscitated murine septic shock. <i>Intensive Care Medicine Experimental</i> , 2017, 5, 30.	0.9	10
39	Effects of Psychosocial Stress on Subsequent Hemorrhagic Shock and Resuscitation in Male Mice. <i>Shock</i> , 2019, 51, 725-730.	1.0	10
40	H2S as a Therapeutic Adjuvant Against COVID-19: Why and How?. <i>Shock</i> , 2021, 56, 865-867.	1.0	10
41	H2S and Oxytocin Systems in Early Life Stress and Cardiovascular Disease. <i>Journal of Clinical Medicine</i> , 2021, 10, 3484.	1.0	10
42	H2S in acute lung injury: a therapeutic dead end(?). <i>Intensive Care Medicine Experimental</i> , 2020, 8, 33.	0.9	10
43	The Interaction of the Endogenous Hydrogen Sulfide and Oxytocin Systems in Fluid Regulation and the Cardiovascular System. <i>Antioxidants</i> , 2020, 9, 748.	2.2	9
44	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
45	H2S in Critical Illness—A New Horizon for Sodium Thiosulfate?. <i>Biomolecules</i> , 2022, 12, 543.	1.8	9
46	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
47	Microcirculation vs. Mitochondria—What to Target?. <i>Frontiers in Medicine</i> , 2020, 7, 416.	1.2	7
48	Effects of Sodium Thiosulfate During Resuscitation from Trauma-and-Hemorrhage in Cystathionine β -Lyase (CSE) Knockout Mice. <i>Shock</i> , 2021, Publish Ahead of Print, .	1.0	7
49	Cardiac Effects of Hyperoxia During Resuscitation From Hemorrhagic Shock in Swine. <i>Shock</i> , 2019, 52, e52-e59.	1.0	6
50	β -MST and the Regulation of Cardiac CSE and OTR Expression in Trauma and Hemorrhage. <i>Antioxidants</i> , 2021, 10, 233.	2.2	6
51	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. <i>Intensive Care Medicine Experimental</i> , 2018, 6, 44.	0.9	5
52	Localization of the hydrogen sulfide and oxytocin systems at the depth of the sulci in a porcine model of acute subdural hematoma. <i>Neural Regeneration Research</i> , 2021, 16, 2376.	1.6	5
53	To the Editor:. <i>Shock</i> , 2021, 55, 138-139.	1.0	4
54	Biological Connection of Psychological Stress and Polytrauma under Intensive Care: The Role of Oxytocin and Hydrogen Sulfide. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9192.	1.8	3

#	ARTICLE	IF	CITATIONS
55	Mouse Intensive Care Unit (MICU). <i>Methods in Molecular Biology</i> , 2021, 2321, 121-135.	0.4	2
56	Human Placental Tissue Contains A Placental Lactogenâ€“Derived Vasoinhibin. <i>Journal of the Endocrine Society</i> , 2022, 6, bvac029.	0.1	2
57	Brain Histology and Immunohistochemistry After Resuscitation From Hemorrhagic Shock in Swine With Pre-Existing Atherosclerosis and Sodium Thiosulfate (Na ₂ S ₂ O ₃) Treatment. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	2
58	Time-dependent effects of intravenous H ₂ S during long-term, resuscitated porcine hemorrhagic shock. <i>Critical Care</i> , 2010, 14, P3.	2.5	1
59	Reduced EPO receptor expression may contribute to limited pleiotropic effects of EPO during critical illness. <i>Critical Care</i> , 2012, 16, .	2.5	1
60	Effects of the anti-diabetic imeglimin in hyperglycemic mice with septic shock. <i>Critical Care</i> , 2012, 16, .	2.5	1
61	Effects of Sodium Thiosulfate During Resuscitation From Trauma-and-Hemorrhage in Cystathionine-Î³-Lyase Knockout Mice With Diabetes Type 1. <i>Frontiers in Medicine</i> , 2022, 9, 878823.	1.2	1
62	Effect of intravenous H ₂ S on porcine aortic occlusion-induced systemic inflammation and kidney ischemia/reperfusion injury. <i>Critical Care</i> , 2010, 14, P507.	2.5	0
63	Pre-emptive hypothermia during resuscitated porcine hemorrhagic shock. <i>Critical Care</i> , 2012, 16, .	2.5	0
64	Reduced expression of PPAR-Î²/Î³ limits the potential beneficial effects of GW0742 during septic shock in atherosclerotic swine. <i>Critical Care</i> , 2012, 16, .	2.5	0
65	Adrenomedullin blockade improves catecholamine responsiveness and kidney function in resuscitated murine septic shock. <i>Critical Care</i> , 2012, 16, .	2.5	0
66	The Gasotransmitter Hydrogen Sulfide and the Neuropeptide Oxytocin as Potential Mediators of Beneficial Cardiovascular Effects through Meditation after Traumatic Events. <i>Trauma Care</i> , 2021, 1, 183-194.	0.4	0