

Oscar McCook

List of Publications by Citations

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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.

63

papers

1,077

citations

19

h-index

30

g-index

73

ext. papers

1,393

ext. citations

5.1

avg, IF

3.75

L-index

#	Paper	IF	Citations
63	Pre-emptive hypothermia during resuscitated porcine hemorrhagic shock. <i>Critical Care</i> , 2012 , 16,	10.8	78
62	Reduced expression of PPAR- α limits the potential beneficial effects of GW0742 during septic shock in atherosclerotic swine. <i>Critical Care</i> , 2012 , 16,	10.8	78
61	Adrenomedullin blockade improves catecholamine responsiveness and kidney function in resuscitated murine septic shock. <i>Critical Care</i> , 2012 , 16,	10.8	78
60	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	10.8	78
59	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, 900-9	9.4	68
58	H ₂ S during circulatory shock: some unresolved questions. <i>Nitric Oxide - Biology and Chemistry</i> , 2014 , 41, 48-61	5	47
57	Effects of intravenous sulfide during resuscitated porcine hemorrhagic shock*. <i>Critical Care Medicine</i> , 2012 , 40, 2157-67	1.4	38
56	Role of Hemorrhagic Shock in Experimental Polytrauma. <i>Shock</i> , 2018 , 49, 154-163	3.4	33
55	Adrenomedullin binding improves catecholamine responsiveness and kidney function in resuscitated murine septic shock. <i>Intensive Care Medicine Experimental</i> , 2013 , 1, 21	3.7	31
54	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	14.5	31
53	Effects of Hyperoxia and Mild Therapeutic Hypothermia During Resuscitation From Porcine Hemorrhagic Shock. <i>Critical Care Medicine</i> , 2016 , 44, e264-77	1.4	27
52	Carbamylated erythropoietin-FC fusion protein and recombinant human erythropoietin during porcine kidney ischemia/reperfusion injury. <i>Intensive Care Medicine</i> , 2013 , 39, 497-510	14.5	26
51	Temperature and cell-type dependency of sulfide effects on mitochondrial respiration. <i>Shock</i> , 2012 , 38, 367-74	3.4	24
50	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, 1659-67		22
49	Cardiovascular disease and resuscitated septic shock lead to the downregulation of the HS-producing enzyme cystathionine- γ -lyase in the porcine coronary artery. <i>Intensive Care Medicine Experimental</i> , 2017 , 5, 17	3.7	21
48	Exposure to 100% Oxygen Abolishes the Impairment of Fracture Healing after Thoracic Trauma. <i>PLoS ONE</i> , 2015 , 10, e0131194	3.7	21
47	Blunt Chest Trauma in Mice after Cigarette Smoke-Exposure: Effects of Mechanical Ventilation with 100% O ₂ . <i>PLoS ONE</i> , 2015 , 10, e0132810	3.7	20

46	Effects of pretreatment hypothermia during resuscitated porcine hemorrhagic shock. <i>Critical Care Medicine</i> , 2013 , 41, e105-17	1.4	19
45	Effects of sodium thiosulfate (NaSO) during resuscitation from hemorrhagic shock in swine with preexisting atherosclerosis. <i>Pharmacological Research</i> , 2020 , 151, 104536	10.2	19
44	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	3.4	18
43	Physiological and immune-biological characterization of a long-term murine model of blunt chest trauma. <i>Shock</i> , 2015 , 43, 140-7	3.4	18
42	Association of Kidney Tissue Barrier Disrupture and Renal Dysfunction in Resuscitated Murine Septic Shock. <i>Shock</i> , 2016 , 46, 398-404	3.4	18
41	The Mitochondria-Targeted H2S-Donor AP39 in a Murine Model of Combined Hemorrhagic Shock and Blunt Chest Trauma. <i>Shock</i> , 2019 , 52, 230-239	3.4	16
40	Effects of the PPAR- γ Agonist GW0742 during resuscitated porcine septic shock. <i>Intensive Care Medicine Experimental</i> , 2013 , 1, 28	3.7	16
39	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	3.4	15
38	Effects of Hyperoxia During Resuscitation From Hemorrhagic Shock in Swine With Preexisting Coronary Artery Disease. <i>Critical Care Medicine</i> , 2017 , 45, e1270-e1279	1.4	14
37	Early Detection of Junctional Adhesion Molecule-1 (JAM-1) in the Circulation after Experimental and Clinical Polytrauma. <i>Mediators of Inflammation</i> , 2015 , 2015, 463950	4.3	14
36	Left ventricular function during porcine-resuscitated septic shock with pre-existing atherosclerosis. <i>Intensive Care Medicine Experimental</i> , 2016 , 4, 14	3.7	13
35	Interaction of the hydrogen sulfide system with the oxytocin system in the injured mouse heart. <i>Intensive Care Medicine Experimental</i> , 2018 , 6, 41	3.7	13
34	Sulfide-inhibition of mitochondrial respiration at very low oxygen concentrations. <i>Nitric Oxide - Biology and Chemistry</i> , 2014 , 41, 79-84	5	12
33	The Role of Cystathionine- γ -Lyase In Blunt Chest Trauma in Cigarette Smoke Exposed Mice. <i>Shock</i> , 2017 , 47, 491-499	3.4	12
32	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	3.4	11
31	Impaired Glucocorticoid Receptor Dimerization Aggravates LPS-Induced Circulatory and Pulmonary Dysfunction. <i>Frontiers in Immunology</i> , 2019 , 10, 3152	8.4	11
30	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	5.7	10
29	Erythropoietin in the critically ill: do we ask the right questions?. <i>Critical Care</i> , 2012 , 16, 319	10.8	10

28	The Effects of Genetic 3-Mercaptopyruvate Sulfurtransferase Deficiency in Murine Traumatic-Hemorrhagic Shock. <i>Shock</i> , 2019 , 51, 472-478	3-4	9
27	Cystathionine- γ -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	3-7	9
26	Impact of hyperglycemia on cystathionine- γ -lyase expression during resuscitated murine septic shock. <i>Intensive Care Medicine Experimental</i> , 2017 , 5, 30	3-7	8
25	Role of the Purinergic Receptor P2XR4 After Blunt Chest Trauma in Cigarette Smoke-Exposed Mice. <i>Shock</i> , 2017 , 47, 193-199	3-4	7
24	Maternal Separation Induces Long-Term Alterations in the Cardiac Oxytocin Receptor and Cystathionine -Lyase Expression in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 4309605	6-7	7
23	Hyperoxia or Therapeutic Hypothermia During Resuscitation from Non-Lethal Hemorrhagic Shock in Swine. <i>Shock</i> , 2017 , 48, 564-570	3-4	6
22	Effects of Psychosocial Stress on Subsequent Hemorrhagic Shock and Resuscitation in Male Mice. <i>Shock</i> , 2019 , 51, 725-730	3-4	6
21	The Interaction of the Endogenous Hydrogen Sulfide and Oxytocin Systems in Fluid Regulation and the Cardiovascular System. <i>Antioxidants</i> , 2020 , 9,	7-1	6
20	HS in acute lung injury: a therapeutic dead end(?). <i>Intensive Care Medicine Experimental</i> , 2020 , 8, 33	3-7	5
19	Cerebral Immunohistochemical Characterization of the HS and the Oxytocin Systems in a Porcine Model of Acute Subdural Hematoma. <i>Frontiers in Neurology</i> , 2020 , 11, 649	4-1	4
18	In-depth characterization of a long-term, resuscitated model of acute subdural hematoma-induced brain injury. <i>Journal of Neurosurgery</i> , 2019 , 1-12	3-2	4
17	To the Editor. <i>Shock</i> , 2021 , 55, 138-139	3-4	3
16	H2S as a Therapeutic Adjuvant Against COVID-19: Why and How?. <i>Shock</i> , 2021 , 56, 865-867	3-4	3
15	MST and the Regulation of Cardiac CSE and OTR Expression in Trauma and Hemorrhage. <i>Antioxidants</i> , 2021 , 10,	7-1	3
14	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	3-7	3
13	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	3-7	2
12	Microcirculation vs. Mitochondria-What to Target?. <i>Frontiers in Medicine</i> , 2020 , 7, 416	4-9	2
11	HS and Oxytocin Systems in Early Life Stress and Cardiovascular Disease. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5-1	2

10	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, 2376-2382	4.5	2
9	Cardiac Effects of Hyperoxia During Resuscitation From Hemorrhagic Shock in Swine. <i>Shock</i> , 2019 , 52, e52-e59	3.4	1
8	Reduced EPO receptor expression may contribute to limited pleiotropic effects of EPO during critical illness. <i>Critical Care</i> , 2012 , 16,	10.8	1
7	Effects of the anti-diabetic imeglimin in hyperglycemic mice with septic shock. <i>Critical Care</i> , 2012 , 16,	10.8	1
6	Time-dependent effects of intravenous H ₂ S during long-term, resuscitated porcine hemorrhagic shock. <i>Critical Care</i> , 2010 , 14, P3	10.8	1
5	Effects of Sodium Thiosulfate During Resuscitation From Trauma-and-Hemorrhage in Cystathionine γ -Lyase (CSE) Knockout Mice. <i>Shock</i> , 2021 , 57,	3.4	1
4	Mouse Intensive Care Unit (MICU). <i>Methods in Molecular Biology</i> , 2021 , 2321, 121-135	1.4	1
3	Human Placental Tissue Contains A Placental Lactogen-Derived Vasoinhibin.. <i>Journal of the Endocrine Society</i> , 2022 , 6, bvac029	0.4	0
2	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		
1	Effects of Sodium Thiosulfate During Resuscitation From Trauma-and-Hemorrhage in Cystathionine- γ -Lyase Knockout Mice With Diabetes Type 1.. <i>Frontiers in Medicine</i> , 2022 , 9, 878823	4.9	