Oscar McCook

List of Publications by Year
in descending order

66	1,089	393982	500791
papers	citations	19 h-index	28 g-index

73	73	73	1008
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Human Placental Tissue Contains A Placental Lactogenâ€“Derived Vasoinhibin. Journal of the Endocrine Society, 2022, 6, bvac029.	0.1	2
2	H2S in Critical Illnessâ€”A New Horizon for Sodium Thiosulfate?. Biomolecules, 2022, 12, 543.	1.8	9
3	Effects of Sodium Thiosulfate During Resuscitation From Trauma-and-Hemorrhage in Cystathionine-Î³-Lyase Knockout Mice With Diabetes Type 1. Frontiers in Medicine, 2022, 9, 878823.	1.2	1
4	In-depth characterization of a long-term, resuscitated model of acute subdural hematomaâ€“induced brain injury. Journal of Neurosurgery, 2021, 134, 223-234.	0.9	12
5	Mouse Intensive Care Unit (MICU). Methods in Molecular Biology, 2021, 2321, 121-135.	0.4	2
6	H2S as a Therapeutic Adjuvant Against COVID-19: Why and How?. Shock, 2021, 56, 865-867.	1.0	10
7	Î”MST and the Regulation of Cardiac CSE and OTR Expression in Trauma and Hemorrhage. Antioxidants, 2021, 10, 233.	2.2	6
8	Effects of Sodium Thiosulfate During Resuscitation from Trauma-and-Hemorrhage in Cystathionine Î³-Lyase (CSE) Knockout Mice. Shock, 2021, Publish Ahead of Print, .	1.0	7
9	Biological Connection of Psychological Stress and Polytrauma under Intensive Care: The Role of Oxytocin and Hydrogen Sulfide. International Journal of Molecular Sciences, 2021, 22, 9192.	1.8	3
10	H2S and Oxytocin Systems in Early Life Stress and Cardiovascular Disease. Journal of Clinical Medicine, 2021, 10, 3484.	1.0	10
11	Localization of the hydrogen sulfide and oxytocin systems at the depth of the sulci in a porcine model of acute subdural hematoma. Neural Regeneration Research, 2021, 16, 2376.	1.6	5
12	To the Editor:. Shock, 2021, 55, 138-139.	1.0	4
13	The Gasotransmitter Hydrogen Sulfide and the Neuropeptide Oxytocin as Potential Mediators of Beneficial Cardiovascular Effects through Meditation after Traumatic Events. Trauma Care, 2021, 1, 183-194.	0.4	0
14	Effects of sodium thiosulfate (Na2S2O3) during resuscitation from hemorrhagic shock in swine with preexisting atherosclerosis. Pharmacological Research, 2020, 151, 104536.	3.1	29
15	Microcirculation vs. Mitochondriaâ€”What to Target?. Frontiers in Medicine, 2020, 7, 416.	1.2	7
16	The Interaction of the Endogenous Hydrogen Sulfide and Oxytocin Systems in Fluid Regulation and the Cardiovascular System. Antioxidants, 2020, 9, 748.	2.2	9
17	The Role of Glucocorticoid Receptor and Oxytocin Receptor in the Septic Heart in a Clinically Relevant, Resuscitated Porcine Model With Underlying Atherosclerosis. Frontiers in Endocrinology, 2020, 11, 299.	1.5	18
18	Cerebral Immunohistochemical Characterization of the H2S and the Oxytocin Systems in a Porcine Model of Acute Subdural Hematoma. Frontiers in Neurology, 2020, 11, 649.	1.1	11

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19	Impaired Glucocorticoid Receptor Dimerization Aggravates LPS-Induced Circulatory and Pulmonary Dysfunction. Frontiers in Immunology, 2020, 10, 3152.	2.2	22
20	Maternal Separation Induces Long-Term Alterations in the Cardiac Oxytocin Receptor and Cystathionine Î³-Lyase Expression in Mice. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-10.	1.9	21
21	H2S in acute lung injury: a therapeutic dead end(?). Intensive Care Medicine Experimental, 2020, 8, 33.	0.9	10
22	Impact of downstream effects of glucocorticoid receptor dysfunction on organ function in critical illness-associated systemic inflammation. Intensive Care Medicine Experimental, 2020, 8, 37.	0.9	9
23	Effects of Psychosocial Stress on Subsequent Hemorrhagic Shock and Resuscitation in Male Mice. Shock, 2019, 51, 725-730.	1.0	10
24	Cardiac Effects of Hyperoxia During Resuscitation From Hemorrhagic Shock in Swine. Shock, 2019, 52, e52-e59.	1.0	6
25	The Mitochondria-Targeted H2S-Donor AP39 in a Murine Model of Combined Hemorrhagic Shock and Blunt Chest Trauma. Shock, 2019, 52, 230-239.	1.0	22
26	In-Depth Characterization of the Effects of Cigarette Smoke Exposure on the Acute Trauma Response and Hemorrhage in Mice. Shock, 2019, 51, 68-77.	1.0	18
27	The Effects of Genetic 3-Mercaptopyruvate Sulfurtransferase Deficiency in Murine Traumatic-Hemorrhagic Shock. Shock, 2019, 51, 472-478.	1.0	18
28	Effects of the Humanized Anti-Adrenomedullin Antibody Adrecizumab (HAM8101) on Vascular Barrier Function and Survival in Rodent Models of Systemic Inflammation and Sepsis. Shock, 2018, 50, 648-654.	1.0	37
29	Role of Hemorrhagic Shock in Experimental Polytrauma. Shock, 2018, 49, 154-163.	1.0	41
30	Cystathionine-Î³-lyase expression is associated with mitochondrial respiration during sepsis-induced acute kidney injury in swine with atherosclerosis. Intensive Care Medicine Experimental, 2018, 6, 43.	0.9	15
31	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
32	Interaction of the hydrogen sulfide system with the oxytocin system in the injured mouse heart. Intensive Care Medicine Experimental, 2018, 6, 41.	0.9	20
33	Hyperoxia or Therapeutic Hypothermia During Resuscitation from Non-Lethal Hemorrhagic Shock in Swine. Shock, 2017, 48, 564-570.	1.0	10
34	Impact of hyperglycemia on cystathionine-Î³-lyase expression during resuscitated murine septic shock. Intensive Care Medicine Experimental, 2017, 5, 30.	0.9	10
35	Cardiovascular disease and resuscitated septic shock lead to the downregulation of the H2S-producing enzyme cystathionine-Î³-lyase in the porcine coronary artery. Intensive Care Medicine Experimental, 2017, 5, 17.	0.9	28
36	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. Shock, 2017, 48, 175-184.	1.0	17

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37	Effects of Hyperoxia During Resuscitation From Hemorrhagic Shock in Swine With Preexisting Coronary Artery Disease. Critical Care Medicine, 2017, 45, e1270-e1279.	0.4	23
38	Role of the Purinergic Receptor P2XR4 After Blunt Chest Trauma in Cigarette Smoke-Exposed Mice. Shock, 2017, 47, 193-199.	1.0	8
39	The Role of Cystathionine-Î³-Lyase In Blunt Chest Trauma in Cigarette Smoke Exposed Mice. Shock, 2017, 47, 491-499.	1.0	14
40	Association of Kidney Tissue Barrier Disrupture and Renal Dysfunction in Resuscitated Murine Septic Shock. Shock, 2016, 46, 398-404.	1.0	24
41	Effects of Hyperoxia and Mild Therapeutic Hypothermia During Resuscitation From Porcine Hemorrhagic Shock*. Critical Care Medicine, 2016, 44, e264-e277.	0.4	36
42	Left ventricular function during porcine-resuscitated septic shock with pre-existing atherosclerosis. Intensive Care Medicine Experimental, 2016, 4, 14.	0.9	19
43	Exposure to 100% Oxygen Abolishes the Impairment of Fracture Healing after Thoracic Trauma. PLoS ONE, 2015, 10, e0131194.	1.1	29
44	Blunt Chest Trauma in Mice after Cigarette Smoke-Exposure: Effects of Mechanical Ventilation with 100 % O2. PLoS ONE, 2015, 10, e0132810.	1.1	25
45	Early Detection of Junctional Adhesion Molecule-1 (JAM-1) in the Circulation after Experimental and Clinical Polytrauma. Mediators of Inflammation, 2015, 2015, 1-7.	1.4	17
46	Physiological and Immune-Biological Characterization of a Long-Term Murine Model of Blunt Chest Trauma. Shock, 2015, 43, 140-147.	1.0	21
47	Sulfide-inhibition of mitochondrial respiration at very low oxygen concentrations. Nitric Oxide - Biology and Chemistry, 2014, 41, 79-84.	1.2	17
48	H2S during circulatory shock: Some unresolved questions. Nitric Oxide - Biology and Chemistry, 2014, 41, 48-61.	1.2	56
49	Carbamylated erythropoietin-FC fusion protein and recombinant human erythropoietin during porcine kidney ischemia/reperfusion injury. Intensive Care Medicine, 2013, 39, 497-510.	3.9	34
50	Effects of the PPAR-Î²/Î´ agonist GW0742 during resuscitated porcine septic shock. Intensive Care Medicine Experimental, 2013, 1, 28.	0.9	19
51	Effects of Pretreatment Hypothermia During Resuscitated Porcine Hemorrhagic Shock. Critical Care Medicine, 2013, 41, e105-e117.	0.4	21
52	Adrenomedullin binding improves catecholamine responsiveness and kidney function in resuscitated murine septic shock. Intensive Care Medicine Experimental, 2013, 1, 21.	0.9	40
53	Temperature and Cell-Type Dependency of Sulfide Effects on Mitochondrial Respiration. Shock, 2012, 38, 367-374.	1.0	26
54	Effects of intravenous sulfide during resuscitated porcine hemorrhagic shock*. Critical Care Medicine, 2012, 40, 2157-2167.	0.4	44

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55	Erythropoietin in the critically ill: do we ask the right questions?. Critical Care, 2012, 16, 319.	2.5	12
56	Pre-emptive hypothermia during resuscitated porcine hemorrhagic shock. Critical Care, 2012, 16, .	2.5	0
57	Reduced EPO receptor expression may contribute to limited pleiotropic effects of EPO during critical illness. Critical Care, 2012, 16, .	2.5	1
58	Reduced expression of PPAR-Î²/Î´ limits the potential beneficial effects of GW0742 during septic shock in atherosclerotic swine. Critical Care, 2012, 16, .	2.5	0
59	Effects of the anti-diabetic imeglimin in hyperglycemic mice with septic shock. Critical Care, 2012, 16, .	2.5	1
60	Adrenomedullin blockade improves catecholamine responsiveness and kidney function in resuscitated murine septic shock. Critical Care, 2012, 16, .	2.5	0
61	Cardiopulmonary, Histologic, and Inflammatory Effects of Intravenous Na2S After Blunt Chest Trauma-Induced Lung Contusion in Mice. Journal of Trauma, 2011, 71, 1659-1667.	2.3	26
62	Comparison of carbamylated erythropoietin-FC fusion protein and recombinant human erythropoietin during porcine aortic balloon occlusion-induced spinal cord ischemia/reperfusion injury. Intensive Care Medicine, 2011, 37, 1525-33.	3.9	36
63	Time-dependent effects of intravenous H2S during long-term, resuscitated porcine hemorrhagic shock. Critical Care, 2010, 14, P3.	2.5	1
64	Effect of intravenous H2S on porcine aortic occlusion-induced systemic inflammation and kidney ischemia/reperfusion injury. Critical Care, 2010, 14, P507.	2.5	0
65	The Role of Alpha and Beta Platelet-Derived Growth Factor Receptor in the Vascular Response to Injury in Nonhuman Primates. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 900-909.	1.1	71
66	Brain Histology and Immunohistochemistry After Resuscitation From Hemorrhagic Shock in Swine With Pre-Existing Atherosclerosis and Sodium Thiosulfate (Na2S2O3) Treatment. Frontiers in Medicine, 0, 9, .	1.2	2