Tamara Merz

List of Publications by Year
in descending order

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36	401	840585 11	887953 17
papers	citations	h-index	g-index

36	36	36	311
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of sodium thiosulfate (Na2S2O3) during resuscitation from hemorrhagic shock in swine with preexisting atherosclerosis. Pharmacological Research, 2020, 151, 104536.	3.1	29
2	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
3	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
4	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
5	Impaired Glucocorticoid Receptor Dimerization Aggravates LPS-Induced Circulatory and Pulmonary Dysfunction. Frontiers in Immunology, 2020, 10, 3152.	2.2	22
6	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
7	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
8	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
9	The Effects of Genetic 3-Mercaptopyruvate Sulfurtransferase Deficiency in Murine Traumatic-Hemorrhagic Shock. Shock, 2019, 51, 472-478.	1.0	18
10	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
11	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
12	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
13	High-resolution respirometry of fine-needle muscle biopsies in pre-manifest Huntingtonâ€™s disease expansion mutation carriers shows normal mitochondrial respiratory function. PLoS ONE, 2017, 12, e0175248.	1.1	11
14	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
15	Hyperoxia or Therapeutic Hypothermia During Resuscitation from Non-Lethal Hemorrhagic Shock in Swine. Shock, 2017, 48, 564-570.	1.0	10
16	Impact of hyperglycemia on cystathionine-Î³-lyase expression during resuscitated murine septic shock. Intensive Care Medicine Experimental, 2017, 5, 30.	0.9	10
17	Effects of Psychosocial Stress on Subsequent Hemorrhagic Shock and Resuscitation in Male Mice. Shock, 2019, 51, 725-730.	1.0	10
18	H2S as a Therapeutic Adjuvant Against COVID-19: Why and How?. Shock, 2021, 56, 865-867.	1.0	10

#	Article	IF	Citations
19	H2S and Oxytocin Systems in Early Life Stress and Cardiovascular Disease. Journal of Clinical Medicine, 2021, 10, 3484.	1.0	10
20	H2S in acute lung injury: a therapeutic dead end(?). Intensive Care Medicine Experimental, 2020, 8, 33.	0.9	10
21	The Interaction of the Endogenous Hydrogen Sulfide and Oxytocin Systems in Fluid Regulation and the Cardiovascular System. Antioxidants, 2020, 9, 748.	2.2	9
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	H2S in Critical Illnessâ€"A New Horizon for Sodium Thiosulfate?. Biomolecules, 2022, 12, 543.	1.8	9
24	Microcirculation vs. Mitochondriaâ€"What to Target?. Frontiers in Medicine, 2020, 7, 416.	1.2	7
25	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
26	Cardiac Effects of Hyperoxia During Resuscitation From Hemorrhagic Shock in Swine. Shock, 2019, 52, e52-e59.	1.0	6
27	Î"MST and the Regulation of Cardiac CSE and OTR Expression in Trauma and Hemorrhage. Antioxidants, 2021, 10, 233.	2.2	6
28	ESICM LIVES 2016: part two. Intensive Care Medicine Experimental, 2016, 4, .	0.9	5
29	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
30	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
31	Mouse Intensive Care Unit (MICU). Methods in Molecular Biology, 2021, 2321, 121-135.	0.4	2
32	Human Placental Tissue Contains A Placental Lactogenâ€"Derived Vasoinhibin. Journal of the Endocrine Society, 2022, 6, bvac029.	0.1	2
33	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
34	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
35	B30â€…Integrated mitochondrial function in human fine-needle muscle biopsies of huntingtonâ€™s disease mutation carriers and in tissues of HdhQ111 mice. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, A19.3-A20.	0.9	0
36	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