

Tamara Merz

List of Publications by Year in descending order

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36
papers

401
citations

840585

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all docs

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docs citations

36
times ranked

311
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Placental Tissue Contains A Placental Lactogenâ€‘Derived Vasoinhibin. <i>Journal of the Endocrine Society</i> , 2022, 6, bvac029.	0.1	2
2	H2S in Critical Illnessâ€‘A New Horizon for Sodium Thiosulfate?. <i>Biomolecules</i> , 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. <i>Frontiers in Medicine</i> , 2022, 9, 878823.	1.2	1
4	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
5	Mouse Intensive Care Unit (MICU). <i>Methods in Molecular Biology</i> , 2021, 2321, 121-135.	0.4	2
6	H2S as a Therapeutic Adjuvant Against COVID-19: Why and How?. <i>Shock</i> , 2021, 56, 865-867.	1.0	10
7	Î³MST and the Regulation of Cardiac CSE and OTR Expression in Trauma and Hemorrhage. <i>Antioxidants</i> , 2021, 10, 233.	2.2	6
8	Effects of Sodium Thiosulfate During Resuscitation from Trauma-and-Hemorrhage in Cystathionine Î³-Lyase (CSE) Knockout Mice. <i>Shock</i> , 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. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9192.	1.8	3
10	H2S and Oxytocin Systems in Early Life Stress and Cardiovascular Disease. <i>Journal of Clinical Medicine</i> , 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. <i>Neural Regeneration Research</i> , 2021, 16, 2376.	1.6	5
12	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
13	Effects of sodium thiosulfate (Na2S2O3) during resuscitation from hemorrhagic shock in swine with preexisting atherosclerosis. <i>Pharmacological Research</i> , 2020, 151, 104536.	3.1	29
14	Microcirculation vs. Mitochondriaâ€‘What to Target?. <i>Frontiers in Medicine</i> , 2020, 7, 416.	1.2	7
15	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
16	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
17	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
18	Impaired Glucocorticoid Receptor Dimerization Aggravates LPS-Induced Circulatory and Pulmonary Dysfunction. <i>Frontiers in Immunology</i> , 2020, 10, 3152.	2.2	22

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19	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
20	H ₂ S in acute lung injury: a therapeutic dead end(?). <i>Intensive Care Medicine Experimental</i> , 2020, 8, 33.	0.9	10
21	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
22	Effects of Psychosocial Stress on Subsequent Hemorrhagic Shock and Resuscitation in Male Mice. <i>Shock</i> , 2019, 51, 725-730.	1.0	10
23	Cardiac Effects of Hyperoxia During Resuscitation From Hemorrhagic Shock in Swine. <i>Shock</i> , 2019, 52, e52-e59.	1.0	6
24	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
25	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
26	The Effects of Genetic 3-Mercaptopyruvate Sulfurtransferase Deficiency in Murine Traumatic-Hemorrhagic Shock. <i>Shock</i> , 2019, 51, 472-478.	1.0	18
27	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
28	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
29	Hyperoxia or Therapeutic Hypothermia During Resuscitation from Non-Lethal Hemorrhagic Shock in Swine. <i>Shock</i> , 2017, 48, 564-570.	1.0	10
30	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
31	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
32	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
33	High-resolution respirometry of fine-needle muscle biopsies in pre-manifest Huntington's disease expansion mutation carriers shows normal mitochondrial respiratory function. <i>PLoS ONE</i> , 2017, 12, e0175248.	1.1	11
34	B30...Integrated mitochondrial function in human fine-needle muscle biopsies of huntington's disease mutation carriers and in tissues of HdhQ111 mice. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, A19.3-A20.	0.9	0
35	ESICM LIVES 2016: part two. <i>Intensive Care Medicine Experimental</i> , 2016, 4, .	0.9	5
36	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