Roberta Torregrossa

List of Publications by Year
in descending order

21	1,108	687363 13	713466 21
papers	citations	h-index	g-index

21	21	21	1213
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of hydrogen sulfide on glycolysisâ€based energy production in mouse erythrocytes. Journal of Cellular Physiology, 2022, 237, 763-773.	4.1	4
2	Mitochondria-Targeted Hydrogen Sulfide Delivery Molecules Protect Against UVA-Induced Photoaging in Human Dermal Fibroblasts, and in Mouse Skin In Vivo. Antioxidants and Redox Signaling, 2022, 36, 1268-1288.	5.4	12
3	Vasorelaxant Activity of AP39, a Mitochondria-Targeted H2S Donor, on Mouse Mesenteric Artery Rings In Vitro. Biomolecules, 2022, 12, 280.	4.0	4
4	Mitochondria-targeted hydrogen sulfide donors versus acute oxidative gastric mucosal injury. Journal of Controlled Release, 2022, 348, 321-334.	9.9	14
5	The mitochondriaâ€targeted hydrogen sulfide donor AP39 improves health and mitochondrial function in a C. elegans primary mitochondrial disease model. Journal of Inherited Metabolic Disease, 2021, 44, 367-375.	3.6	10
6	Hydrogen sulfide is neuroprotective in Alzheimerâ€™s disease by sulfhydrating GSK3Î² and inhibiting Tau hyperphosphorylation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	124
7	Mitochondrial hydrogen sulfide supplementation improves health in the C. elegans Duchenne muscular dystrophy model. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	27
8	GYY4137 and Sodium Hydrogen Sulfide Relaxations Are Inhibited by L-Cysteine and KV7 Channel Blockers in Rat Small Mesenteric Arteries. Frontiers in Pharmacology, 2021, 12, 613989.	3.5	13
9	The Slow-Releasing and Mitochondria-Targeted Hydrogen Sulfide (H2S) Delivery Molecule AP39 Induces Brain Tolerance to Ischemia. International Journal of Molecular Sciences, 2021, 22, 7816.	4.1	26
10	Gasping for Sulfide: A Critical Appraisal of Hydrogen Sulfide in Lung Disease and Accelerated Aging. Antioxidants and Redox Signaling, 2021, 35, 551-579.	5.4	14
11	Hydrogen Sulfide Is a Novel Protector of the Retinal Glycocalyx and Endothelial Permeability Barrier. Frontiers in Cell and Developmental Biology, 2021, 9, 724905.	3.7	6
12	Hydrogen sulfide inhibits calcification of heart valves; implications for calcific aortic valve disease. British Journal of Pharmacology, 2020, 177, 793-809.	5.4	19
13	Selective Persulfide Detection Reveals Evolutionarily Conserved Antiaging Effects of S-Sulfhydration. Cell Metabolism, 2019, 30, 1152-1170.e13.	16.2	236
14	The Mitochondria-Targeted H2S-Donor AP39 in a Murine Model of Combined Hemorrhagic Shock and Blunt Chest Trauma. Shock, 2019, 52, 230-239.	2.1	22
15	Mitochondria-targeted hydrogen sulfide attenuates endothelial senescence by selective induction of splicing factors HNRNPD and SRSF2. Aging, 2018, 10, 1666-1681.	3.1	54
16	Cytochrome c Reduction by H₂S Potentiates Sulfide Signaling. ACS Chemical Biology, 2018, 13, 2300-2307.	3.4	76
17	Hydrogen Sulfide Abrogates Hemoglobin-Lipid Interaction in Atherosclerotic Lesion. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-16.	4.0	29
18	AP39, a mitochondria-targeting hydrogen sulfide (H₂S) donor, protects against myocardial reperfusion injury independently of salvage kinase signalling. British Journal of Pharmacology, 2017, 174, 287-301.	5.4	69

#	Article	IF	Citations
19	Pharmacological postconditioning against myocardial infarction with a slow-releasing hydrogen sulfide donor, GYY4137. Pharmacological Research, 2016, 111, 442-451.	7.1	54
20	The novel mitochondria-targeted hydrogen sulfide (H 2 S) donors AP123 and AP39 protect against hyperglycemic injury in microvascular endothelial cells in vitro. Pharmacological Research, 2016, 113, 186-198.	7.1	120
21	Improved tag-switch method reveals that thioredoxin acts as depersulfidase and controls the intracellular levels of protein persulfidation. Chemical Science, 2016, 7, 3414-3426.	7.4	175