

Karim Zuhra

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

411
citations

840776

11
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

346
citing authors

#	ARTICLE	IF	CITATIONS
1	Cystathionine-Î²-synthase: Molecular Regulation and Pharmacological Inhibition. <i>Biomolecules</i> , 2020, 10, 697.	4.0	113
2	Pharmacological induction of mesenchymal-epithelial transition via inhibition of H2S biosynthesis and consequent suppression of ACLY activity in colon cancer cells. <i>Pharmacological Research</i> , 2021, 165, 105393.	7.1	36
3	Hydrogen Sulfide Oxidation: Adaptive Changes in Mitochondria of SW480 Colorectal Cancer Cells upon Exposure to Hypoxia. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	4.0	32
4	Hydrogen Sulfide Metabolism and Signaling in the Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1219, 335-353.	1.6	31
5	Overproduction of hydrogen sulfide, generated by cystathionine Î²-synthase, disrupts brain wave patterns and contributes to neurobehavioral dysfunction in a rat model of down syndrome. <i>Redox Biology</i> , 2022, 51, 102233.	9.0	31
6	N-Acetylcysteine Serves as Substrate of 3-Mercaptopyruvate Sulfurtransferase and Stimulates Sulfide Metabolism in Colon Cancer Cells. <i>Cells</i> , 2019, 8, 828.	4.1	29
7	The two faces of cyanide: an environmental toxin and a potential novel mammalian gasotransmitter. <i>FEBS Journal</i> , 2022, 289, 2481-2515.	4.7	27
8	Physiological concentrations of cyanide stimulate mitochondrial Complex IV and enhance cellular bioenergetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	26
9	Mechanism of cystathionine-Î²-synthase inhibition by disulfiram: The role of bis(N,N-diethyldithiocarbamate)-copper(II). <i>Biochemical Pharmacology</i> , 2020, 182, 114267.	4.4	23
10	The multifaceted roles of sulfane sulfur species in cancer-associated processes. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2021, 1862, 148338.	1.0	22
11	The Role of Organosulfur Compounds as Nrf2 Activators and Their Antioxidant Effects. <i>Antioxidants</i> , 2022, 11, 1255.	5.1	18
12	Screening Pyridine Derivatives against Human Hydrogen Sulfide-synthesizing Enzymes by Orthogonal Methods. <i>Scientific Reports</i> , 2019, 9, 684.	3.3	11
13	Human Cystathionine Î³-Lyase Is Inhibited by s-Nitrosation: A New Crosstalk Mechanism between NO and H2S. <i>Antioxidants</i> , 2021, 10, 1391.	5.1	6
14	Inhibition of the 3-mercaptopyruvate sulfurtransferase-Î³hydrogen sulfide system promotes cellular lipid accumulation. <i>GeroScience</i> , 2022, 44, 2271-2289.	4.6	6
15	Reply to Giamogante et al.: The effect of low cyanide on O2 consumption is best observed in physiological, rather than reductionist, systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2113369118.	7.1	0