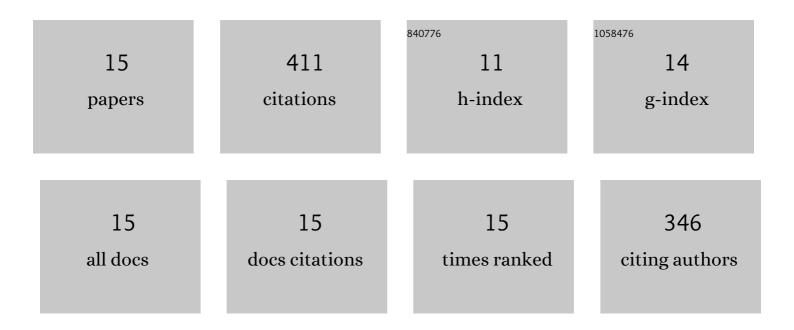
Karim Zuhra

List of Publications by Year in descending order

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Κλριμ Ζιιμρλ

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