

Yuka Kimura

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

4,807
citations

516215

16
h-index

940134

16
g-index

19
all docs

19
docs citations

19
times ranked

4125
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen sulfide protects neurons from oxidative stress. <i>FASEB Journal</i> , 2004, 18, 1165-1167.	0.2	766
2	Development of a Highly Selective Fluorescence Probe for Hydrogen Sulfide. <i>Journal of the American Chemical Society</i> , 2011, 133, 18003-18005.	6.6	614
3	Hydrogen Sulfide Increases Glutathione Production and Suppresses Oxidative Stress in Mitochondria. <i>Antioxidants and Redox Signaling</i> , 2010, 12, 1-13.	2.5	579
4	A novel pathway for the production of hydrogen sulfide from D-cysteine in mammalian cells. <i>Nature Communications</i> , 2013, 4, 1366.	5.8	449
5	Vascular Endothelium Expresses 3-Mercaptopyruvate Sulfurtransferase and Produces Hydrogen Sulfide. <i>Journal of Biochemistry</i> , 2009, 146, 623-626.	0.9	410
6	Polysulfides are possible H ₂ S-derived signaling molecules in rat brain. <i>FASEB Journal</i> , 2013, 27, 2451-2457.	0.2	299
7	Hydrogen Sulfide Protects HT22 Neuronal Cells from Oxidative Stress. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 661-670.	2.5	275
8	L-Cysteine Inhibits Insulin Release From the Pancreatic β -Cell: Possible Involvement of Metabolic Production of Hydrogen Sulfide, a Novel Gasotransmitter. <i>Diabetes</i> , 2006, 55, 1391-1397.	0.3	269
9	Hydrogen Sulfide Is a Signaling Molecule and a Cytoprotectant. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 45-57.	2.5	254
10	Thioredoxin and dihydrolipoic acid are required for 3-mercaptopyruvate sulfurtransferase to produce hydrogen sulfide. <i>Biochemical Journal</i> , 2011, 439, 479-485.	1.7	252
11	Identification of H ₂ S ₃ and H ₂ S produced by 3-mercaptopyruvate sulfurtransferase in the brain. <i>Scientific Reports</i> , 2015, 5, 14774.	1.6	181
12	Hydrogen Sulfide Protects the Retina from Light-induced Degeneration by the Modulation of Ca ²⁺ Influx. <i>Journal of Biological Chemistry</i> , 2011, 286, 39379-39386.	1.6	130
13	3-Mercaptopyruvate sulfurtransferase produces potential redox regulators cysteine- and glutathione-persulfide (Cys-SSH and GSSH) together with signaling molecules H ₂ S ₂ , H ₂ S ₃ and H ₂ S. <i>Scientific Reports</i> , 2017, 7, 10459.	1.6	116
14	Polysulfides (H ₂ S _n) produced from the interaction of hydrogen sulfide (H ₂ S) and nitric oxide (NO) activate TRPA1 channels. <i>Scientific Reports</i> , 2017, 7, 45995.	1.6	103
15	Analysis of endogenous H ₂ S and H ₂ S _n in mouse brain by high-performance liquid chromatography with fluorescence and tandem mass spectrometric detection. <i>Free Radical Biology and Medicine</i> , 2017, 113, 355-362.	1.3	67
16	Sulfite protects neurons from oxidative stress. <i>British Journal of Pharmacology</i> , 2019, 176, 571-582.	2.7	43
17	Hydrogen Sulfide (H ₂ S) and polysulfides (H ₂ S ₂ , H ₂ S ₃ , H ₂ S _n) as signaling molecules. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO4-1-80.	0.0	0
18	The production and role of hydrogen sulfide and hydrogen polysulfides in mammalian cells. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO4-1-23.	0.0	0

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19	Sulfite protects neurons from oxidative stress.. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2019, 92, 1-O-20.	0.0	0