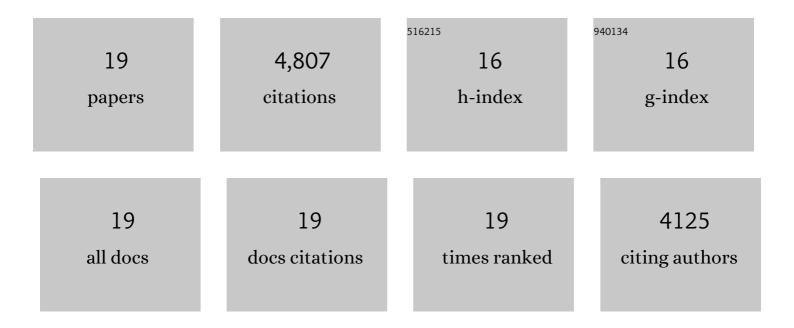
Yuka Kimura

List of Publications by Year in descending order

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YUKA KIMUDA

#	Article	IF	CITATIONS
1	Hydrogen sulfide protects neurons from oxidative stress. FASEB Journal, 2004, 18, 1165-1167.	0.2	766
2	Development of a Highly Selective Fluorescence Probe for Hydrogen Sulfide. Journal of the American Chemical Society, 2011, 133, 18003-18005.	6.6	614
3	Hydrogen Sulfide Increases Glutathione Production and Suppresses Oxidative Stress in Mitochondria. Antioxidants and Redox Signaling, 2010, 12, 1-13.	2.5	579
4	A novel pathway for the production of hydrogen sulfide from D-cysteine in mammalian cells. Nature Communications, 2013, 4, 1366.	5.8	449
5	Vascular Endothelium Expresses 3-Mercaptopyruvate Sulfurtransferase and Produces Hydrogen Sulfide. Journal of Biochemistry, 2009, 146, 623-626.	0.9	410
6	Polysulfides are possible H ₂ Sâ€derived signaling molecules in rat brain. FASEB Journal, 2013, 27, 2451-2457.	0.2	299
7	Hydrogen Sulfide Protects HT22 Neuronal Cells from Oxidative Stress. Antioxidants and Redox Signaling, 2006, 8, 661-670.	2.5	275
8	L-Cysteine Inhibits Insulin Release From the Pancreatic Â-Cell: Possible Involvement of Metabolic Production of Hydrogen Sulfide, a Novel Gasotransmitter. Diabetes, 2006, 55, 1391-1397.	0.3	269
9	Hydrogen Sulfide Is a Signaling Molecule and a Cytoprotectant. Antioxidants and Redox Signaling, 2012, 17, 45-57.	2.5	254
10	Thioredoxin and dihydrolipoic acid are required for 3-mercaptopyruvate sulfurtransferase to produce hydrogen sulfide. Biochemical Journal, 2011, 439, 479-485.	1.7	252
11	Identification of H2S3 and H2S produced by 3-mercaptopyruvate sulfurtransferase in the brain. Scientific Reports, 2015, 5, 14774.	1.6	181
12	Hydrogen Sulfide Protects the Retina from Light-induced Degeneration by the Modulation of Ca2+ Influx. Journal of Biological Chemistry, 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 H2S2, H2S3 and H2S. Scientific Reports, 2017, 7, 10459.	1.6	116
14	Polysulfides (H2Sn) produced from the interaction of hydrogen sulfide (H2S) and nitric oxide (NO) activate TRPA1 channels. Scientific Reports, 2017, 7, 45995.	1.6	103
15	Analysis of endogenous H2S and H2Sn in mouse brain by high-performance liquid chromatography with fluorescence and tandem mass spectrometric detection. Free Radical Biology and Medicine, 2017, 113, 355-362.	1.3	67
16	Sulfite protects neurons from oxidative stress. British Journal of Pharmacology, 2019, 176, 571-582.	2.7	43
17	Hydrogen Sulfide (H ₂ S) and polysulfides (H ₂ S _n) as signaling molecules. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-1-80.	0.0	0
18	The production and role of hydrogen sulfide and hydrogen polysulfides in mammalian cells. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-1-23.	0.0	0

#	Article	IF	CITATIONS
19	SulfiteÂprotects neurons from oxidative stress Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2019, 92, 1-O-20.	0.0	0