Yoshinori Mikami

List of Publications by Year
in descending order

33	2,048	840119 11	752256 20
papers	citations	h-index	g-index

41	41	41	2723
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of a Highly Selective Fluorescence Probe for Hydrogen Sulfide. Journal of the American Chemical Society, 2011, 133, 18003-18005.	6.6	614
2	Vascular Endothelium Expresses 3-Mercaptopyruvate Sulfurtransferase and Produces Hydrogen Sulfide. Journal of Biochemistry, 2009, 146, 623-626.	0.9	410
3	Polysulfides are possible H ₂ Sâ€derived signaling molecules in rat brain. FASEB Journal, 2013, 27, 2451-2457.	0.2	299
4	Thioredoxin and dihydrolipoic acid are required for 3-mercaptopyruvate sulfurtransferase to produce hydrogen sulfide. Biochemical Journal, 2011, 439, 479-485.	1.7	252
5	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
6	Chlorogenic acid, a polyphenol in coffee, protects neurons against glutamate neurotoxicity. Life Sciences, 2015, 139, 69-74.	2.0	83
7	Hydrogen sulfide is produced by cystathionine Î³-lyase at the steady-state low intracellular Ca2+ concentrations. Biochemical and Biophysical Research Communications, 2013, 431, 131-135.	1.0	63
8	Identification of amino acid residues in the Ah receptor involved in ligand binding. Biochemical and Biophysical Research Communications, 2007, 354, 396-402.	1.0	56
9	Expression of zebrafish glutamate receptor Î´2 in neurons with cerebellum-like wiring. Biochemical and Biophysical Research Communications, 2004, 322, 168-176.	1.0	41
10	Nitric Oxide-induced Activation of the Type 1 Ryanodine Receptor Is Critical for Epileptic Seizure-induced Neuronal Cell Death. EBioMedicine, 2016, 11, 253-261.	2.7	29
11	Essential Roles of Natural Products and Gaseous Mediators on Neuronal Cell Death or Survival. International Journal of Molecular Sciences, 2016, 17, 1652.	1.8	12
12	A mechanism of retinal protection from light-induced degeneration by hydrogen sulfide. Communicative and Integrative Biology, 2012, 5, 169-171.	0.6	11
13	Role of Endoplasmic Reticulum-Mediated Ca²⁺Signaling in Neuronal Cell Death. Antioxidants and Redox Signaling, 2018, 29, 1147-1157.	2.5	11
14	Identification and characterization of zebrafish semaphorin 6D. Biochemical and Biophysical Research Communications, 2007, 363, 762-768.	1.0	10
15	Protein tyrosine phosphatase Ïƒ regulates the synapse number of zebrafish olfactory sensory neurons. Journal of Neurochemistry, 2011, 119, 532-543.	2.1	9
16	Pathogenic Mechanism of Dry Eyeâ€“Induced Chronic Ocular Pain and a Mechanism-Based Therapeutic Approach. , 2022, 63, 7.		7
17	Identification and characterization of a novel zebrafish semaphorin. Neuroscience Letters, 2011, 488, 215-220.	1.0	3
18	Whisker experience-dependent mGluR signaling maintains synaptic strength in the mouse adolescent cortex. European Journal of Neuroscience, 2016, 44, 2004-14.	1.2	3

#	Article	IF	Citations
19	Endogenous reductants required for 3MST to produce H2S. Neuroscience Research, 2011, 71, e88.	1.0	1
20	OB-IV-1Exocrine Organs Imaged in Aqueous Solution by Atmospheric Scanning Electron Microscopy (ASEM). Microscopy (Oxford, England), 2016, 65, i17.1-i17.	0.7	0
21	Mechanism for maintaining homeostasis of cardiac function through cardio-renal interactions. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2021, 94, 2-S22-1.	0.0	0
22	Mechanisms of hyperalgesia in dry eye model rats: involvement of the glial cells and the voltage-gated Ca²⁺ channel Î±2Î´ subunit in the trigeminal nucleus. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2021, 94, 3-P1-03.	0.0	0
23	Disruption of steroidogenic acute regulatory protein-related lipid transfer domain containing 10 (STARD10) prevents the development of nonalcoholic steatohepatitis (NASH). Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2021, 94, 3-P2-30.	0.0	0
24	Crucial role of STARD10 in regulating lipid storage in mouse model of nonalcoholic steatohepatitis (NASH). Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-6-31.	0.0	0
25	p38 plays a crucial role in myoblast fusion by induction of fusion factors. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-11-5.	0.0	0
26	Systems-analysis of inflammatory JNK signaling using live-cell FRET imaging. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR12-5.	0.0	0
27	Defective Ca²⁺ signaling contributes to diastolic dysfunction in diabetic cardiomyopathy. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-2-39.	0.0	0
28	The role ofÂphosphatidylcholine transfer by STARD10 and synthesis by LPCAT1 in lipid droplet formation. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2019, 92, 1-O-14.	0.0	0
29	Molecular mechanisms of diastolic dysfunction in diabetic cardiomyopathy. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2019, 92, 3-O-04.	0.0	0
30	Signaling mechanism of myoblast fusion in skeletal muscle formation. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2019, 92, 1-S04-4.	0.0	0
31	Contribution of the loss of insulin signaling to diastolic dysfunction in the early onset of diabetic cardiomyopathy. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2020, 93, 3-O-115.	0.0	0
32	The role ofÂsteroidogenic acute regulatory protein-related lipid transfer domain containing 10(STARD10) in the development ofÂnonalcoholic steatohepatitis (NASH). Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2020, 93, 2-O-019.	0.0	0
33	Mechanisms for Temporal Information Coding in Inflammatory JNK Signaling. FASEB Journal, 2020, 34, 1-1.	0.2	0