

Mamoru Shibata

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,341
citations

236912

25
h-index

214788

47
g-index

72
all docs

72
docs citations

72
times ranked

2832
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of Intracellular Accumulation of Mutant Huntingtin by Beclin 1. <i>Journal of Biological Chemistry</i> , 2006, 281, 14474-14485.	3.4	391
2	An AAV-derived Apaf-1 dominant negative inhibitor prevents MPTP toxicity as antiapoptotic gene therapy for Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 10918-10923.	7.1	151
3	Reduction of TRPV1 expression in the trigeminal system by botulinum neurotoxin type-A. <i>Neurobiology of Disease</i> , 2012, 48, 367-378.	4.4	125
4	Activation of caspase-12 by endoplasmic reticulum stress induced by transient middle cerebral artery occlusion in mice. <i>Neuroscience</i> , 2003, 118, 491-499.	2.3	115
5	A novel in vivo assay system for consecutive measurement of brain nitric oxide production combined with the microdialysis technique. <i>Neuroscience Letters</i> , 1994, 176, 165-168.	2.1	107
6	Caspases determine the vulnerability of oligodendrocytes in the ischemic brain. <i>Journal of Clinical Investigation</i> , 2000, 106, 643-653.	8.2	85
7	Upregulation of Akt phosphorylation at the early stage of middle cerebral artery occlusion in mice. <i>Brain Research</i> , 2002, 942, 1-10.	2.2	69
8	Modification of striatal arginine and citrulline metabolism by nitric oxide synthase inhibitors. <i>NeuroReport</i> , 1994, 5, 766-768.	1.2	68
9	Cardiac parasympathetic dysfunction concurrent with cardiac sympathetic denervation in Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2009, 276, 79-83.	0.6	68
10	Distribution and origin of TRPV1 receptor-containing nerve fibers in the dura mater of rat. <i>Brain Research</i> , 2007, 1173, 84-91.	2.2	65
11	Exploring the role of microglia in cortical spreading depression in neurological disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1182-1191.	4.3	62
12	Brain nitrite production during global ischemia and reperfusion: an in vivo microdialysis study. <i>Brain Research</i> , 1996, 734, 86-90.	2.2	51
13	Differential cellular localization of antioxidant enzymes in the trigeminal ganglion. <i>Neuroscience</i> , 2013, 248, 345-358.	2.3	51
14	Presynaptic ionotropic glutamate receptors modulate in vivo release and metabolism of striatal dopamine, noradrenaline, and 5-hydroxytryptamine: involvement of both NMDA and AMPA/kainate subtypes. <i>Neuroscience Research</i> , 1994, 21, 83-89.	1.9	50
15	High-mobility group box 1 is an important mediator of microglial activation induced by cortical spreading depression. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 890-901.	4.3	50
16	Nitric oxide regulates NMDA-induced dopamine release in rat striatum. <i>NeuroReport</i> , 1996, 7, 605-608.	1.2	42
17	Role of sodium ion influx in depolarization-induced neuronal cell death by high KCl or veratridine. <i>European Journal of Pharmacology</i> , 1999, 372, 297-304.	3.5	38
18	Incidence of headache after COVID-19 vaccination in patients with history of headache: A cross-sectional study. <i>Cephalgia</i> , 2022, 42, 266-272.	3.9	37

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19	Functional interactions between transient receptor potential M8 and transient receptor potential V1 in the trigeminal system: Relevance to migraine pathophysiology. <i>Cephalalgia</i> , 2018, 38, 833-845.	3.9	36
20	Evaluation of [¹⁸ F]PI-2620, a second-generation selective tau tracer, for assessing four-repeat tauopathies. <i>Brain Communications</i> , 2021, 3, fcab190.	3.3	36
21	Temporal Profiles of the Subcellular Localization of Bim, a BH3-Only Protein, during Middle Cerebral Artery Occlusion in Mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002, 22, 810-820.	4.3	35
22	Plasma 5-Hydroxytryptamine (5-HT) in Migraine During an Attack-Free Period. <i>Headache</i> , 2006, 46, 592-596.	3.9	33
23	Subcellular localization of a promoter and an inhibitor of apoptosis (Smac/DIABLO and XIAP) during brain ischemia/reperfusion. <i>NeuroReport</i> , 2002, 13, 1985-1988.	1.2	28
24	Astroglial cell death induced by excessive influx of sodium ions. <i>European Journal of Pharmacology</i> , 2000, 408, 127-135.	3.5	27
25	Inositol hexakisphosphate kinases promote autophagy. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 2065-2071.	2.8	26
26	Developmental and circulatory profile of the diploic veins. <i>Microvascular Research</i> , 2011, 81, 97-102.	2.5	26
27	Temporal profiles of high-mobility group box 1 expression levels after cortical spreading depression in mice. <i>Cephalalgia</i> , 2016, 36, 44-52.	3.9	24
28	Effects of increased extracellular potassium on influx of sodium ions in cultured rat astroglia and neurons. <i>Developmental Brain Research</i> , 1997, 104, 111-117.	1.7	23
29	A case of intramedullary spinal cord tumor producing human chorionic gonadotropin. <i>Journal of Neuro-Oncology</i> , 2002, 56, 247-250.	2.9	23
30	Activation of extracellular signal-regulated kinase in the trigeminal ganglion following both treatment of the dura mater with capsaicin and cortical spreading depression. <i>Neuroscience Research</i> , 2013, 77, 110-119.	1.9	23
31	Implications of Transient Receptor Potential Cation Channels in Migraine Pathophysiology. <i>Neuroscience Bulletin</i> , 2021, 37, 103-116.	2.9	23
32	Prevalence and Characteristics of Headaches in a Socially Active Population Working in the Tokyo Metropolitan Area -Surveillance by an Industrial Health Consortium. <i>Internal Medicine</i> , 2014, 53, 683-689.	0.7	20
33	Presynaptic glutamate receptors facilitate release of norepinephrine and 5-hydroxytryptamine as well as dopamine in the normal and ischemic striatum. <i>Journal of the Autonomic Nervous System</i> , 1994, 49, 195-202.	1.9	19
34	Conditional expression of anti-apoptotic protein p35 by Cre-mediated DNA recombination in cardiomyocytes from loxP-p35-transgenic mice. <i>Cell Death and Differentiation</i> , 2000, 7, 485-492.	11.2	19
35	Alterations in the threshold of the potassium concentration to evoke cortical spreading depression during the natural estrous cycle in mice. <i>Neuroscience Research</i> , 2016, 112, 57-62.	1.9	19
36	21st century headache: mapping new territory. <i>Journal of Headache and Pain</i> , 2021, 22, 19.	6.0	19

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37	Impact of the COVID-19 pandemic on migraine in Japan: a multicentre cross-sectional study. <i>Journal of Headache and Pain</i> , 2021, 22, 53.	6.0	19
38	Cortical spreading depolarisation-induced facial hyperalgesia, photophobia and hypomotility are ameliorated by sumatriptan and olcegepant. <i>Scientific Reports</i> , 2020, 10, 11408.	3.3	18
39	Inhibition of nitric oxide production during global ischemia ameliorates ischemic damage of pyramidal neurons in the hippocampus. <i>Keio Journal of Medicine</i> , 2001, 50, 182-187.	1.1	17
40	Clinical practice guideline for chronic headache 2013. <i>Neurology and Clinical Neuroscience</i> , 2019, 7, 231-259.	0.4	17
41	[¹²³ I]-IMP single-photon emission computed tomography imaging in visual snow syndrome: A case series. <i>Cephalalgia</i> , 2020, 40, 1671-1675.	3.9	15
42	Identification of biomarkers associated with migraine with aura. <i>Neuroscience Research</i> , 2009, 64, 104-110.	1.9	14
43	Correlation of in vivo nitric oxide and cGMP with glutamate/glutamine metabolism in the rat striatum. <i>Neuroscience Research</i> , 1996, 25, 379-384.	1.9	13
44	FK506 abrogates delayed neuronal death via suppression of nitric oxide production in rats. <i>Brain Research</i> , 2004, 1009, 34-39.	2.2	13
45	Retinopathy: An Overlooked Adverse Effect of Interferon-beta Treatment of Multiple Sclerosis. <i>Keio Journal of Medicine</i> , 2009, 58, 54-56.	1.1	13
46	Intracerebral Hemorrhage due to Venous Thrombosis of Developmental Venous Anomaly during Pregnancy. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, e185-e187.	1.6	12
47	Interactions between migraine and tension-type headache and alcohol drinking, alcohol flushing, and hangover in Japanese. <i>Journal of Headache and Pain</i> , 2012, 13, 137-145.	6.0	11
48	Altered levels of serotonin in lymphoblasts derived from migraine patients. <i>Neuroscience Research</i> , 2007, 57, 179-183.	1.9	10
49	Adult-onset recurrent painful ophthalmoplegic neuropathy displaying atypical oculomotor nerve gadolinium-enhancement pattern in the orbit and cavernous sinus. <i>Cephalalgia</i> , 2016, 36, 199-200.	3.9	10
50	Alterations in microglia and astrocytes in the trigeminal nucleus caudalis by repetitive TRPV1 stimulation on the trigeminal nociceptors. <i>NeuroReport</i> , 2012, 23, 560-565.	1.2	9
51	Repetitive trigeminal nociceptive stimulation in rats increases their susceptibility to cortical spreading depression. <i>Neuroscience Research</i> , 2016, 106, 74-78.	1.9	9
52	Signaling Pathways Relevant to Nerve Growth Factor-induced Upregulation of Transient Receptor Potential M8 Expression. <i>Neuroscience</i> , 2017, 367, 178-188.	2.3	7
53	Characteristics of cortical spreading depression and c-Fos expression in transgenic mice having a mutation associated with familial hemiplegic migraine 2. <i>Cephalalgia</i> , 2020, 40, 1177-1190.	3.9	7
54	Early Onset and Maintenance Effect of Galcanezumab in Japanese Patients with Episodic Migraine. <i>Journal of Pain Research</i> , 2021, Volume 14, 3555-3564.	2.0	7

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55	Neuroaxonal integrity evaluated by MR spectroscopy in a case of CARASIL. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 860-861.	1.9	6
56	Migraine-Specific Quality-of-Life Questionnaire (MSQ) Version 2.1 Score Improvement in Japanese Patients with Episodic Migraine by Galcanezumab Treatment: Japan Phase 2 Study. <i>Journal of Pain Research</i> , 2020, Volume 13, 3531-3538.	2.0	6
57	Clinical utility of triptans in the management of headache attributed to dural arteriovenous fistula involving the cavernous sinus. <i>Journal of the Neurological Sciences</i> , 2015, 349, 260-261.	0.6	3
58	Resilience to capsaicin-induced mitochondrial damage in trigeminal ganglion neurons. <i>Molecular Pain</i> , 2020, 16, 174480692096085.	2.1	3
59	Painless Thyroiditis Presenting with Headache. <i>Internal Medicine</i> , 2021, 60, 2693-2696.	0.7	3
60	Headache Associated with Myasthenia Gravis: The Impact of Mild Ocular Symptoms. <i>Autoimmune Diseases</i> , 2011, 2011, 1-4.	0.6	2
61	Possible Involvement of Hypotension in Postprandial Headache: A Case Series. <i>Headache</i> , 2017, 57, 1443-1448.	3.9	2
62	Regional Difference in Nitric Oxide Production during Forebrain Ischemia. <i>Microchemical Journal</i> , 1997, 56, 188-191.	4.5	1
63	Delayed phosphorylation of p38 mitogen-activated protein kinase in the AT1a knock-out mouse striatal neurons during middle cerebral artery occlusion and reperfusion. <i>Neuroscience Letters</i> , 2003, 341, 9-12.	2.1	1
64	Serial changes of corticospinal tract hyperintensity on magnetic resonance imaging from the preclinical stage in amyotrophic lateral sclerosis. <i>Neurology and Clinical Neuroscience</i> , 2018, 6, 29-30.	0.4	1
65	Protracted hypomobility in the absence of trigeminal sensitization after cortical spreading depolarization: Relevance to migraine prodrome. <i>Neuroscience Research</i> , 2021, 172, 80-86.	1.9	1
66	Board Walk. <i>Cephalalgia</i> , 2017, 37, 296-297.	3.9	0
67	Contribution of animal studies to migraine research. <i>Neurology and Clinical Neuroscience</i> , 2020, 8, 115-119.	0.4	0