

Toshiyuki Nakagawa

List of Publications by Year in descending order

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36
papers

8,256
citations

430874

18
h-index

345221

36
g-index

36
all docs

36
docs citations

36
times ranked

14180
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
2	Caspase-12 mediates endoplasmic-reticulum-specific apoptosis and cytotoxicity by amyloid- β . <i>Nature</i> , 2000, 403, 98-103.	27.8	3,085
3	Cross-Talk between Two Cysteine Protease Families. <i>Journal of Cell Biology</i> , 2000, 150, 887-894.	5.2	1,094
4	The <i>Xenopus</i> IP3 receptor: Structure, function, and localization in oocytes and eggs. <i>Cell</i> , 1993, 73, 555-570.	28.9	220
5	E2-25K/Hip-2 regulates caspase-12 in ER stress-mediated β neurotoxicity. <i>Journal of Cell Biology</i> , 2008, 182, 675-684.	5.2	78
6	Autophagy impairment stimulates PS1 expression and β -secretase activity. <i>Autophagy</i> , 2010, 6, 345-352.	9.1	68
7	Differential Localization of Alternative Spliced Transcripts Encoding Inositol 1,4,5-Trisphosphate Receptors in Mouse Cerebellum and Hippocampus: In Situ Hybridization Study. <i>Journal of Neurochemistry</i> , 1991, 57, 1807-1810.	3.9	61
8	Myelin Basic Protein Gene and the Function of Antisense RNA in Its Repression in Myelin-Deficient Mutant Mouse. <i>Journal of Neurochemistry</i> , 1991, 56, 560-567.	3.9	50
9	ATF4 regulates β -secretase activity during amino acid imbalance. <i>Biochemical and Biophysical Research Communications</i> , 2007, 352, 722-727.	2.1	49
10	Endoplasmic reticulum stress enhances β -secretase activity. <i>Biochemical and Biophysical Research Communications</i> , 2011, 416, 362-366.	2.1	45
11	Quercetin reduces eIF2 phosphorylation by GADD34 induction. <i>Neurobiology of Aging</i> , 2015, 36, 2509-2518.	3.1	43
12	Improvement of memory recall by quercetin in rodent contextual fear conditioning and human early-stage Alzheimer's disease patients. <i>NeuroReport</i> , 2016, 27, 671-676.	1.2	36
13	Expression and localization of Cayman ataxia-related protein, Caytaxin, is regulated in a developmental- and spatial-dependent manner. <i>Brain Research</i> , 2007, 1129, 100-109.	2.2	35
14	Disturbed metabolism of glucose and related hormones in familial amyloidotic polyneuropathy: Hypersensitivities of the autonomic nervous system and therapeutic prevention. <i>Journal of the Autonomic Nervous System</i> , 1991, 35, 63-70.	1.9	30
15	Quercetin Regulates the Integrated Stress Response to Improve Memory. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2761.	4.1	28
16	Dietary Intake of Curcumin Improves eIF2 Signaling and Reduces Lipid Levels in the White Adipose Tissue of Obese Mice. <i>Scientific Reports</i> , 2018, 8, 9081.	3.3	23
17	Epidermal Growth Factor Signaling Mediated by Grb2 Associated Binder1 Is Required for the Spatiotemporally Regulated Proliferation of Olig2-Expressing Progenitors in the Embryonic Spinal Cord. <i>Stem Cells</i> , 2007, 25, 1410-1422.	3.2	22
18	OCLAD2 activates β -secretase to enhance amyloid β production by interacting with nicastrin. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 2561-2576.	5.4	22

#	ARTICLE	IF	CITATIONS
19	The effect of 24-week continuous intake of quercetin-rich onion on age-related cognitive decline in healthy elderly people: a randomized, double-blind, placebo-controlled, parallel-group comparative clinical trial. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2021, 69, 203-215.	1.4	21
20	Polyglutamine expansion disturbs the endoplasmic reticulum formation, leading to caspase-7 activation through Bax. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 1232-1238.	2.1	15
21	Luteolin ameliorates depression-like behaviors by suppressing ER stress in a mouse model of Alzheimer's disease. <i>Biochemical and Biophysical Research Communications</i> , 2022, 588, 168-174.	2.1	15
22	Expanded polyglutamine embedded in the endoplasmic reticulum causes membrane distortion and coincides with Bax insertion. <i>Biochemical and Biophysical Research Communications</i> , 2016, 474, 259-263.	2.1	13
23	Cayman Ataxia-Related Protein is a Presynapse-Specific Caspase-3 Substrate. <i>Neurochemical Research</i> , 2011, 36, 1304-1313.	3.3	12
24	A randomized, double-blind, placebo-controlled study evaluating the effects of quercetin-rich onion on cognitive function in elderly subjects. <i>Functional Foods in Health and Disease</i> , 2017, 7, 353.	0.6	12
25	The expression and localization of Prune2 mRNA in the central nervous system. <i>Neuroscience Letters</i> , 2011, 503, 208-214.	2.1	8
26	Thymolipoma simulating cardiomegaly: Diagnostic usefulness of computed tomography.. <i>Japanese Circulation Journal</i> , 1986, 50, 839-842.	1.0	7
27	Olfaxin as a novel Prune2 isoform predominantly expressed in olfactory system. <i>Brain Research</i> , 2012, 1488, 1-13.	2.2	7
28	Molecular Cloning and Sequence Analysis of an Extracellular Protease from Four <i>Bacillus subtilis</i> Strains. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 870-873.	1.3	6
29	Cullin-4B E3 ubiquitin ligase mediates Apaf-1 ubiquitination to regulate caspase-9 activity. <i>PLoS ONE</i> , 2019, 14, e0219782.	2.5	5
30	An alternative spliced mouse presenilin-2 mRNA encodes a novel β -secretase inhibitor. <i>FEBS Letters</i> , 2009, 583, 1403-1408.	2.8	4
31	CED-4 is an mRNA-binding protein that delivers ced-3 mRNA to ribosomes. <i>Biochemical and Biophysical Research Communications</i> , 2016, 470, 48-53.	2.1	4
32	Dietary Quercetin Ameliorates Memory Impairment in a Murine Model of Alzheimer's Disease with Obesity and Diabetes, Suppressing ATF4 Expression. <i>Journal of Neurology and Neuroscience</i> , 2017, 08, .	0.4	4
33	Endoplasmic reticulum stress contributes to the decline in doublecortin expression in the immature neurons of mice with long-term obesity. <i>Scientific Reports</i> , 2022, 12, 1022.	3.3	4
34	Chimeric and Molecular Genetic Analysis of Myelin-Deficient (Shiverer and Mld) Mutant Mice. <i>Annals of the New York Academy of Sciences</i> , 1990, 605, 166-182.	3.8	3
35	The Inositol 1,4,5-Trisphosphate Receptor. <i>Novartis Foundation Symposium</i> , 1992, 164, 17-35.	1.1	3
36	Odor preference and olfactory memory are impaired in Olfaxin-deficient mice. <i>Brain Research</i> , 2018, 1688, 81-90.	2.2	2