Taku Ozaki

List of Publications by Year
in descending order

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35	551	759233	642732
papers	citations	12	23
		h-index	g-index

35	35	35	541
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mitochondrial m-calpain plays a role in the release of truncated apoptosis-inducing factor from the mitochondria. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 1848-1859.	4.1	77
2	Characteristics of Mitochondrial Calpains. Journal of Biochemistry, 2007, 142, 365-376.	1.7	71
3	Activation of mitochondrial calpain and release of apoptosis-inducing factor from mitochondria in RCS rat retinal degeneration. Experimental Eye Research, 2010, 91, 353-361.	2.6	56
4	Restoration of the Majority of the Visual Spectrum by Using Modified Volvox Channelrhodopsin-1. Molecular Therapy, 2014, 22, 1434-1440.	8.2	56
5	ERp57-associated mitochondrial Î¼-calpain truncates apoptosis-inducing factor. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 1955-1963.	4.1	52
6	Intravitreal injection or topical eye-drop application of a Î¼-calpain C2L domain peptide protects against photoreceptor cell death in Royal College of Surgeons' rats, a model of retinitis pigmentosa. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 1783-1795.	3.8	30
7	Inhibitory Peptide of Mitochondrial Î¼-Calpain Protects against Photoreceptor Degeneration in Rhodopsin Transgenic S334ter and P23H Rats. PLoS ONE, 2013, 8, e71650.	2.5	24
8	Ribosome binding protein GCN1Âregulates the cell cycle and cell proliferation and is essential for the embryonic development of mice. PLoS Genetics, 2020, 16, e1008693.	3.5	20
9	Ca2+-induced release of mitochondrial m-calpain from outer membrane with binding of calpain small subunit and Grp75. Archives of Biochemistry and Biophysics, 2011, 507, 254-261.	3.0	14
10	The protection of rat retinal ganglion cells from ischemia/reperfusion injury by the inhibitory peptide of mitochondrial Î¼-calpain. Biochemical and Biophysical Research Communications, 2016, 478, 1700-1705.	2.1	14
11	Visual Responses of Photoreceptor-Degenerated Rats Expressing Two Different Types of Channelrhodopsin Genes. Scientific Reports, 2017, 7, 41210.	3.3	14
12	Delivery of Topically Applied Calpain Inhibitory Peptide to the Posterior Segment of the Rat Eye. PLoS ONE, 2015, 10, e0130986.	2.5	14
13	Cisplatin Binding and Inactivation of Mitochondrial Glutamate Oxaloacetate Transaminase in Cisplatin-Induced Rat Nephrotoxicity. Bioscience, Biotechnology and Biochemistry, 2013, 77, 1645-1649.	1.3	13
14	Characterization of mitochondrial calpain-5. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118989.	4.1	13
15	Presence of calpain-5 in mitochondria. Biochemical and Biophysical Research Communications, 2018, 504, 454-459.	2.1	10
16	Protection of Cone Photoreceptor M-Opsin Degradation with 9-Cis-Î²-Carotene-Rich AlgaDunaliella bardawilinRpe65â¯'/â¯'Mouse Retinal Explant Culture. Current Eye Research, 2014, 39, 1221-1231.	1.5	8
17	Phototoxicities Caused by Continuous Light Exposure Were Not Induced in Retinal Ganglion Cells Transduced by an Optogenetic Gene. International Journal of Molecular Sciences, 2021, 22, 6732.	4.1	8
18	Development of an optogenetic gene sensitive to daylight and its implications in vision restoration. Npj Regenerative Medicine, 2021, 6, 64.	5.2	8

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19	Detailed chromosome analysis of wild-type, immortalized fibroblasts with SV40T, E6E7, combinational introduction of cyclin dependent kinase 4, cyclin D1, telomerase reverse transcriptase. In Vitro Cellular and Developmental Biology - Animal, 2021, 57, 998-1005.	1.5	6
20	Improved transduction efficiencies of adeno-associated virus vectors by synthetic cell-permeable peptides. Biochemical and Biophysical Research Communications, 2016, 478, 1732-1738.	2.1	5
21	Kinetic profiles of photocurrents in cells expressing two types of channelrhodopsin genes. Biochemical and Biophysical Research Communications, 2018, 496, 814-819.	2.1	5
22	Presence of ES1 homolog in the mitochondrial intermembrane space of porcine retinal cells. Biochemical and Biophysical Research Communications, 2020, 524, 542-548.	2.1	5
23	Calpain-1 C2L domain peptide protects mouse hippocampus-derived neuronal HT22Âcells against glutamate-induced oxytosis. Biochemistry and Biophysics Reports, 2021, 27, 101101.	1.3	5
24	Mitochondrial calpain-5 truncates caspase-4 during endoplasmic reticulum stress. Biochemical and Biophysical Research Communications, 2022, 608, 156-162.	2.1	5
25	Decrease of ATP by Mitochondrial m-calpain Inhibitory Peptide in the Rat Retinas. Cell Structure and Function, 2013, 38, 207-223.	1.1	4
26	Geranylgeranyl acetone prevents glutamate-induced cell death in HT-22Âcells by increasing mitochondrial membrane potential. European Journal of Pharmacology, 2020, 883, 173193.	3.5	4
27	Data on mitochondrial ultrastructure of photoreceptors in pig, rabbit, and mouse retinas. Data in Brief, 2020, 30, 105544.	1.0	3
28	Immortalization of cells derived from domestic dogs through expressing mutant cyclin-dependent kinase 4, cyclin D1, and telomerase reverse transcriptase. Cytotechnology, 2022, 74, 181-192.	1.6	2
29	Inducible Systemic Gcn1 Deletion in Mice Leads to Transient Body Weight Loss upon Tamoxifen Treatment Associated with Decrease of Fat and Liver Glycogen Storage. International Journal of Molecular Sciences, 2022, 23, 3201.	4.1	2
30	Mitochondrial localization of calpain-13 in mouse brain. Biochemical and Biophysical Research Communications, 2022, 609, 149-155.	2.1	2
31	Lentiviral expression of calpain-1 C2-like domain peptide prevents glutamate-induced cell death in mouse hippocampal neuronal HT22 cells. In Vitro Cellular and Developmental Biology - Animal, 2022, 58, 289-294.	1.5	1
32	Title is missing!. , 2020, 16, e1008693.		0
33	Title is missing!. , 2020, 16, e1008693.		0
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