

Taku Ozaki

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

551
citations

759233

12
h-index

642732

23
g-index

35
all docs

35
docs citations

35
times ranked

541
citing authors

#	ARTICLE	IF	CITATIONS
1	Immortalization of cells derived from domestic dogs through expressing mutant cyclin-dependent kinase 4, cyclin D1, and telomerase reverse transcriptase. <i>Cytotechnology</i> , 2022, 74, 181-192.	1.6	2
2	Inducible Systemic Gcn1 Deletion in Mice Leads to Transient Body Weight Loss upon Tamoxifen Treatment Associated with Decrease of Fat and Liver Glycogen Storage. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3201.	4.1	2
3	Mitochondrial localization of calpain-13 in mouse brain. <i>Biochemical and Biophysical Research Communications</i> , 2022, 609, 149-155.	2.1	2
4	Mitochondrial calpain-5 truncates caspase-4 during endoplasmic reticulum stress. <i>Biochemical and Biophysical Research Communications</i> , 2022, 608, 156-162.	2.1	5
5	Lentiviral expression of calpain-1 C2-like domain peptide prevents glutamate-induced cell death in mouse hippocampal neuronal HT22 cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2022, 58, 289-294.	1.5	1
6	Characterization of mitochondrial calpain-5. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118989.	4.1	13
7	Phototoxicities Caused by Continuous Light Exposure Were Not Induced in Retinal Ganglion Cells Transduced by an Optogenetic Gene. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6732.	4.1	8
8	Calpain-1 C2L domain peptide protects mouse hippocampus-derived neuronal HT22 cells against glutamate-induced oxytosis. <i>Biochemistry and Biophysics Reports</i> , 2021, 27, 101101.	1.3	5
9	Development of an optogenetic gene sensitive to daylight and its implications in vision restoration. <i>Npj Regenerative Medicine</i> , 2021, 6, 64.	5.2	8
10	Detailed chromosome analysis of wild-type, immortalized fibroblasts with SV40T, E6E7, combinational introduction of cyclin dependent kinase 4, cyclin D1, telomerase reverse transcriptase. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2021, 57, 998-1005.	1.5	6
11	Geranylgeranyl acetone prevents glutamate-induced cell death in HT-22 cells by increasing mitochondrial membrane potential. <i>European Journal of Pharmacology</i> , 2020, 883, 173193.	3.5	4
12	Data on mitochondrial ultrastructure of photoreceptors in pig, rabbit, and mouse retinas. <i>Data in Brief</i> , 2020, 30, 105544.	1.0	3
13	Presence of ES1 homolog in the mitochondrial intermembrane space of porcine retinal cells. <i>Biochemical and Biophysical Research Communications</i> , 2020, 524, 542-548.	2.1	5
14	Ribosome binding protein GCN1 regulates the cell cycle and cell proliferation and is essential for the embryonic development of mice. <i>PLoS Genetics</i> , 2020, 16, e1008693.	3.5	20
15	Title is missing!. , 2020, 16, e1008693.		0
16	Title is missing!. , 2020, 16, e1008693.		0
17	Title is missing!. , 2020, 16, e1008693.		0
18	Title is missing!. , 2020, 16, e1008693.		0

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19	Kinetic profiles of photocurrents in cells expressing two types of channelrhodopsin genes. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 814-819.	2.1	5
20	Presence of calpain-5 in mitochondria. <i>Biochemical and Biophysical Research Communications</i> , 2018, 504, 454-459.	2.1	10
21	Visual Responses of Photoreceptor-Degenerated Rats Expressing Two Different Types of Channelrhodopsin Genes. <i>Scientific Reports</i> , 2017, 7, 41210.	3.3	14
22	Improved transduction efficiencies of adeno-associated virus vectors by synthetic cell-permeable peptides. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 1732-1738.	2.1	5
23	The protection of rat retinal ganglion cells from ischemia/reperfusion injury by the inhibitory peptide of mitochondrial $\hat{1}/4$ -calpain. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 1700-1705.	2.1	14
24	Delivery of Topically Applied Calpain Inhibitory Peptide to the Posterior Segment of the Rat Eye. <i>PLoS ONE</i> , 2015, 10, e0130986.	2.5	14
25	Restoration of the Majority of the Visual Spectrum by Using Modified Volvox Channelrhodopsin-1. <i>Molecular Therapy</i> , 2014, 22, 1434-1440.	8.2	56
26	Protection of Cone Photoreceptor M-Opsin Degradation with 9-Cis- $\hat{1}^2$ -Carotene-Rich Alga <i>Dunaliella bardawil</i> in Rpe65 $\hat{a}^{\sim}/\hat{a}^{\sim}$ Mouse Retinal Explant Culture. <i>Current Eye Research</i> , 2014, 39, 1221-1231.	1.5	8
27	Cisplatin Binding and Inactivation of Mitochondrial Glutamate Oxaloacetate Transaminase in Cisplatin-Induced Rat Nephrotoxicity. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 1645-1649.	1.3	13
28	Decrease of ATP by Mitochondrial m-calpain Inhibitory Peptide in the Rat Retinas. <i>Cell Structure and Function</i> , 2013, 38, 207-223.	1.1	4
29	Inhibitory Peptide of Mitochondrial $\hat{1}/4$ -Calpain Protects against Photoreceptor Degeneration in Rhodopsin Transgenic S334ter and P23H Rats. <i>PLoS ONE</i> , 2013, 8, e71650.	2.5	24
30	Intravitreal injection or topical eye-drop application of a $\hat{1}/4$ -calpain C2L domain peptide protects against photoreceptor cell death in Royal College of Surgeons' rats, a model of retinitis pigmentosa. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1783-1795.	3.8	30
31	Ca ²⁺ -induced release of mitochondrial m-calpain from outer membrane with binding of calpain small subunit and Grp75. <i>Archives of Biochemistry and Biophysics</i> , 2011, 507, 254-261.	3.0	14
32	Activation of mitochondrial calpain and release of apoptosis-inducing factor from mitochondria in RCS rat retinal degeneration. <i>Experimental Eye Research</i> , 2010, 91, 353-361.	2.6	56
33	Mitochondrial m-calpain plays a role in the release of truncated apoptosis-inducing factor from the mitochondria. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 1848-1859.	4.1	77
34	ERp57-associated mitochondrial $\hat{1}/4$ -calpain truncates apoptosis-inducing factor. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 1955-1963.	4.1	52
35	Characteristics of Mitochondrial Calpains. <i>Journal of Biochemistry</i> , 2007, 142, 365-376.	1.7	71