

Yoshihisa Kudo

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

905
citations

759233

12
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713466

21
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26
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docs citations

26
times ranked

1864
citing authors

#	ARTICLE	IF	CITATIONS
1	MITOL Regulates Endoplasmic Reticulum-Mitochondria Contacts via Mitofusin2. <i>Molecular Cell</i> , 2013, 51, 20-34.	9.7	250
2	A Role for the Ancient SNARE Syntaxin 17 in Regulating Mitochondrial Division. <i>Developmental Cell</i> , 2015, 32, 304-317.	7.0	126
3	A Novel Phospholipase C, PLC δ -2, Is a Neuron-specific Isozyme. <i>Journal of Biological Chemistry</i> , 2005, 280, 29128-29134.	3.4	104
4	Dual Regulation of Calcium Oscillation in Astrocytes by Growth Factors and Pro-Inflammatory Cytokines via the Mitogen-Activated Protein Kinase Cascade. <i>Journal of Neuroscience</i> , 2003, 23, 10944-10952.	3.6	91
5	Developmental changes in distribution of death-associated protein kinase mRNAs. , 1999, 58, 674-683.		61
6	Cell type-selective expression of green fluorescent protein and the calcium indicating protein, yellow cameleon, in rat cortical primary cultures. <i>Brain Research</i> , 2002, 956, 221-229.	2.2	48
7	Imaging of cAMP-dependent protein kinase activity in living neural cells using a novel fluorescent substrate. <i>FEBS Letters</i> , 1997, 414, 55-60.	2.8	37
8	Pharmacological detection of AMPA receptor heterogeneity by use of two allosteric potentiators in rat hippocampal cultures. <i>British Journal of Pharmacology</i> , 1998, 123, 1294-1303.	5.4	36
9	Adverse effects of an active fragment of parathyroid hormone on rat hippocampal organotypic cultures. <i>British Journal of Pharmacology</i> , 2000, 129, 21-28.	5.4	26
10	Properties and expression of Ca ²⁺ -activated K ⁺ channels in H9c2 cells derived from rat ventricle. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999, 276, H1559-H1566.	3.2	24
11	High Cell Density Upregulates Calcium Oscillation by Increasing Calcium Store Content via Basal Mitogen-Activated Protein Kinase Activity. <i>PLoS ONE</i> , 2015, 10, e0137610.	2.5	19
12	Growth factors upregulate astrocyte [Ca ²⁺] _i oscillation by increasing SERCA2b expression. <i>Glia</i> , 2010, 58, 1988-1995.	4.9	16
13	Real-time, two-dimensional visualization of ischaemia-induced glutamate release from hippocampal slices. <i>European Journal of Neuroscience</i> , 2001, 13, 670-678.	2.6	13
14	GABAergic control of synaptic summation in hippocampal CA1 pyramidal neurons. <i>Hippocampus</i> , 2001, 11, 683-689.	1.9	13
15	Evaluation of the Protective Effects of Cyclosporin A and FK506 on Abnormal Cytosolic and Mitochondrial Ca ²⁺ Dynamics During Ischemia and Exposure to High Glutamate Concentration in Mouse Brain Slice Preparations. <i>Journal of Pharmacological Sciences</i> , 2012, 120, 228-240.	2.5	9
16	Establishment of CHO cell lines expressing four N -methyl-D -aspartate receptor subtypes and characterization of a novel antagonist PPDC. <i>FEBS Letters</i> , 2001, 506, 117-122.	2.8	8
17	A Novel Method to Quantify Calcium Response Pattern and Oscillation Using Fura2 and Acridine Orange. <i>Journal of Pharmacological Sciences</i> , 2004, 94, 25-30.	2.5	8
18	Pharmacological characterization of the involvement of protein kinase C in oscillatory and non-oscillatory calcium increases in astrocytes. <i>Journal of Pharmacological Sciences</i> , 2015, 129, 38-42.	2.5	8

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19	Receptor- and calcium-dependent induced inositol 1,4,5-trisphosphate increases in PC12h cells as shown by fluorescence resonance energy transfer imaging. FEBS Journal, 2007, 274, 5147-5157.	4.7	3
20	Different characteristics of cell volume and intracellular calcium ion concentration dynamics between the hippocampal CA1 and lateral cerebral cortex of male mouse brain slices during exposure to hypotonic stress. Journal of Neuroscience Research, 2018, 96, 117-127.	2.9	3
21	Property of Glial Cells.. Seibutsu Butsuri, 1999, 39, 211-216.	0.1	1
22	Ratio of naturally retained ¹⁵ N to ¹³ C in rat brain regions as a marker of brain function and activity. Neuroscience Research, 2020, 160, 32-42.	1.9	1
23	Glutamate triggers elevation of intracellular Ca(2+) concentration in neural precursor cells. Cytotechnology, 2000, 33, 157-165.	1.6	0
24	Recent development of image analysis of intracellular Ca ²⁺ concentration.. Seibutsu Butsuri, 1996, 36, 30-34.	0.1	0