

# Yoshihisa Kudo

## List of Publications by Year in descending order

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24  
papers

905  
citations

759233

12  
h-index

713466

21  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1864  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ratio of naturally retained $^{15}\text{N}$ to $^{13}\text{C}$ in rat brain regions as a marker of brain function and activity. <i>Neuroscience Research</i> , 2020, 160, 32-42.	1.9	1
2	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. <i>Journal of Neuroscience Research</i> , 2018, 96, 117-127.	2.9	3
3	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
4	A Role for the Ancient SNARE Syntaxin 17 in Regulating Mitochondrial Division. <i>Developmental Cell</i> , 2015, 32, 304-317.	7.0	126
5	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
6	MITOL Regulates Endoplasmic Reticulum-Mitochondria Contacts via Mitofusin2. <i>Molecular Cell</i> , 2013, 51, 20-34.	9.7	250
7	Evaluation of the Protective Effects of Cyclosporin A and FK506 on Abnormal Cytosolic and Mitochondrial $\text{Ca}^{2+}$ 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
8	Growth factors upregulate astrocyte $[\text{Ca}^{2+}]_{\text{i}}$ oscillation by increasing SERCA2b expression. <i>Glia</i> , 2010, 58, 1988-1995.	4.9	16
9	Receptor- and calcium-dependent induced inositol 1,4,5-trisphosphate increases in PC12h cells as shown by fluorescence resonance energy transfer imaging. <i>FEBS Journal</i> , 2007, 274, 5147-5157.	4.7	3
10	A Novel Phospholipase C, PLC $\beta$ -2, Is a Neuron-specific Isozyme. <i>Journal of Biological Chemistry</i> , 2005, 280, 29128-29134.	3.4	104
11	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
12	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
13	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
14	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
15	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
16	GABAergic control of synaptic summation in hippocampal CA1 pyramidal neurons. <i>Hippocampus</i> , 2001, 11, 683-689.	1.9	13
17	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
18	Glutamate triggers elevation of intracellular $\text{Ca}^{2+}$ concentration in neural precursor cells. <i>Cytotechnology</i> , 2000, 33, 157-165.	1.6	0

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19	Property of Glial Cells.. Seibutsu Butsuri, 1999, 39, 211-216.	0.1	1
20	Properties and expression of Ca <sup>2+</sup> -activated K <sup>+</sup> channels in H9c2 cells derived from rat ventricle. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 276, H1559-H1566.	3.2	24
21	Developmental changes in distribution of death-associated protein kinase mRNAs. , 1999, 58, 674-683.		61
22	Pharmacological detection of AMPA receptor heterogeneity by use of two allosteric potentiators in rat hippocampal cultures. British Journal of Pharmacology, 1998, 123, 1294-1303.	5.4	36
23	Imaging of cAMP-dependent protein kinase activity in living neural cells using a novel fluorescent substrate. FEBS Letters, 1997, 414, 55-60.	2.8	37
24	Recent development of image analysis of intracellular Ca <sup>2+</sup> concentration.. Seibutsu Butsuri, 1996, 36, 30-34.	0.1	0