

Kozo Hamada

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

5,709
citations

471509

17
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

15219
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Carbonic anhydrase-related protein is a novel binding protein for inositol 1,4,5-trisphosphate receptor type 1. <i>Biochemical Journal</i> , 2003, 372, 435-441.	3.7	146
3	Mechanism of ER Stress-Induced Brain Damage by IP3 Receptor. <i>Neuron</i> , 2010, 68, 865-878.	8.1	133
4	Inositol 1,4,5-trisphosphate Receptor Contains Multiple Cavities and L-shaped Ligand-binding Domains. <i>Journal of Molecular Biology</i> , 2004, 336, 155-164.	4.2	94
5	Three-dimensional Rearrangements within Inositol 1,4,5-Trisphosphate Receptor by Calcium. <i>Journal of Biological Chemistry</i> , 2003, 278, 52881-52889.	3.4	84
6	Two-state Conformational Changes in Inositol 1,4,5-Trisphosphate Receptor Regulated by Calcium. <i>Journal of Biological Chemistry</i> , 2002, 277, 21115-21118.	3.4	79
7	IP ₃ -mediated gating mechanism of the IP ₃ receptor revealed by mutagenesis and X-ray crystallography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4661-4666.	7.1	70
8	Serotonergic Integration of Circadian Clock and Ultradian Sleep-Wake Cycles. <i>Journal of Neuroscience</i> , 2012, 32, 14794-14803.	3.6	44
9	Bcl-xL acts as an inhibitor of IP3R channels, thereby antagonizing Ca ²⁺ -driven apoptosis. <i>Cell Death and Differentiation</i> , 2022, 29, 788-805.	11.2	41
10	Aberrant calcium signaling by transglutaminase-mediated posttranslational modification of inositol 1,4,5-trisphosphate receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3966-75.	7.1	40
11	Novel biochemical manipulation of brain serotonin reveals a role of serotonin in the circadian rhythm of sleep-wake cycles. <i>European Journal of Neuroscience</i> , 2012, 35, 1762-1770.	2.6	36
12	Visualization of inositol 1,4,5-trisphosphate receptor by atomic force microscopy. <i>Neuroscience Letters</i> , 2006, 391, 102-107.	2.1	35
13	Bcl-2 and IP3 compete for the ligand-binding domain of IP3Rs modulating Ca ²⁺ signaling output. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 3843-3859.	5.4	31
14	IP ₃ Receptor Plasticity Underlying Diverse Functions. <i>Annual Review of Physiology</i> , 2020, 82, 151-176.	13.1	31
15	Ca ²⁺ signaling and spinocerebellar ataxia. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 1733-1744.	4.1	28
16	Potent transglutaminase inhibitors, aryl \hat{I}^2 -aminoethyl ketones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 1141-1144.	2.2	22
17	Potent transglutaminase inhibitors, dithio \hat{I}^2 -aminoethyl ketones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 377-379.	2.2	18
18	Ouabain-regulated phosphoproteome reveals molecular mechanisms for Na ⁺ , K ⁺ ATPase control of cell adhesion, proliferation, and survival. <i>FASEB Journal</i> , 2019, 33, 10193-10206.	0.5	17

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19	Type 3 Inositol 1,4,5-Trisphosphate Receptor is a Crucial Regulator of Calcium Dynamics Mediated by Endoplasmic Reticulum in HEK Cells. <i>Cells</i> , 2020, 9, 275.	4.1	15
20	Revisiting Channel Allosterity: A Coherent Mechanism in IP ₃ and Ryanodine Receptors. <i>Science Signaling</i> , 2012, 5, pe24.	3.6	13
21	Distinct roles of M1 and M3 muscarinic acetylcholine receptors controlling oscillatory and non-oscillatory [Ca ²⁺] _i increase. <i>Cell Calcium</i> , 2013, 54, 111-119.	2.4	12
22	A fluorescence-based assay for the measurement of S-adenosylhomocysteine hydrolase activity in biological samples. <i>Analytical Biochemistry</i> , 2013, 433, 95-101.	2.4	9
23	A non-canonical role for pyruvate kinase M2 as a functional modulator of Ca ²⁺ signalling through IP3 receptors. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119206.	4.1	9
24	2121 Circa/ultradian oscillation of serotonin and ascorbate turnovers in rat thalamus: Regional specificity, photo responses, and metabolic perturbations. <i>Neuroscience Research</i> , 1997, 28, S242.	1.9	1
25	New Insights into the Gating Mechanism of the IP ₃ Receptor. <i>Messenger (Los Angeles)</i> , Tj ETQq1 1 0.784314 rgBT /Overbo 0.3 0		