

Reiko Sakaguchi

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

324
citations

1040056

9
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

597
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell-autonomous control of intracellular temperature by unsaturation of phospholipid acyl chains. <i>Cell Reports</i> , 2022, 38, 110487.	6.4	8
2	Determination of the physiological range of oxygen tension in bone marrow monocytes using two-photon phosphorescence lifetime imaging microscopy. <i>Scientific Reports</i> , 2022, 12, 3497.	3.3	7
3	Functionally deficient <i>TRPV6</i> variants contribute to hereditary and familial chronic pancreatitis. <i>Human Mutation</i> , 2022, 43, 228-239.	2.5	7
4	Inositol 1,4,5-trisphosphate 3-kinase B promotes Ca ²⁺ mobilization and the inflammatory activity of dendritic cells. <i>Science Signaling</i> , 2021, 14, .	3.6	15
5	Transient receptor potential (TRP) channels: Biosensors for redox environmental stimuli and cellular status. <i>Free Radical Biology and Medicine</i> , 2020, 146, 36-44.	2.9	58
6	Variants That Affect Function of Calcium Channel TRPV6 Are Associated With Early-Onset Chronic Pancreatitis. <i>Gastroenterology</i> , 2020, 158, 1626-1641.e8.	1.3	77
7	O ₂ -Dependent Protein Internalization Underlies Astrocytic Sensing of Acute Hypoxia by Restricting Multimodal TRPA1 Channel Responses. <i>Current Biology</i> , 2020, 30, 3378-3396.e7.	3.9	32
8	Contribution of Coiled-Coil Assembly to Ca ²⁺ /Calmodulin-Dependent Inactivation of TRPC6 Channel and its Impacts on FSGS-Associated Phenotypes. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 1587-1603.	6.1	23
9	TRPM7 channels mediate spontaneous Ca ²⁺ fluctuations in growth plate chondrocytes that promote bone development. <i>Science Signaling</i> , 2019, 12, .	3.6	27
10	Spontaneous Ca ²⁺ fluctuations mediated by TRPM7 channels in growth plate chondrocytes. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-4-31.	0.0	0
11	Different Contribution of Redox-Sensitive Transient Receptor Potential Channels to Acetaminophen-Induced Death of Human Hepatoma Cell Line. <i>Frontiers in Pharmacology</i> , 2016, 7, 19.	3.5	20
12	An In Vivo Fluorescent Sensor Reveals Intracellular Ins(1,3,4,5)P ₄ Dynamics in Single Cells. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2150-2153.	13.8	16
13	A single circularly permuted GFP sensor for inositol-1,3,4,5-tetrakisphosphate based on a split PH domain. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 7381-7386.	3.0	26