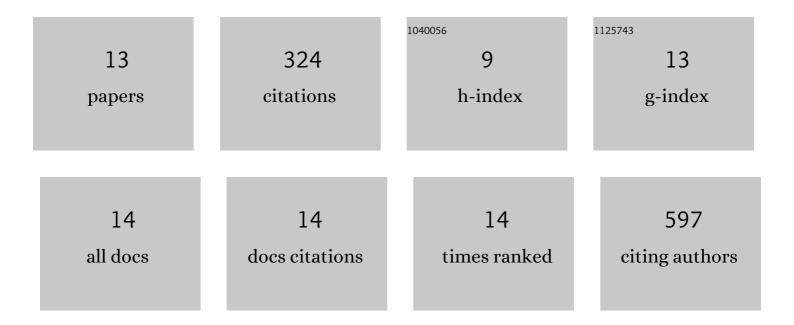
## Reiko Sakaguchi

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1653359/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Variants That Affect Function of Calcium Channel TRPV6 Are Associated With Early-Onset Chronic Pancreatitis. Gastroenterology, 2020, 158, 1626-1641.e8.	1.3	77
2	Transient receptor potential (TRP) channels: Biosensors for redox environmental stimuli and cellular status. Free Radical Biology and Medicine, 2020, 146, 36-44.	2.9	58
3	O2-Dependent Protein Internalization Underlies Astrocytic Sensing of Acute Hypoxia by Restricting Multimodal TRPA1 Channel Responses. Current Biology, 2020, 30, 3378-3396.e7.	3.9	32
4	TRPM7 channels mediate spontaneous Ca <sup>2+</sup> fluctuations in growth plate chondrocytes that promote bone development. Science Signaling, 2019, 12, .	3.6	27
5	A single circularly permuted GFP sensor for inositol-1,3,4,5-tetrakisphosphate based on a split PH domain. Bioorganic and Medicinal Chemistry, 2009, 17, 7381-7386.	3.0	26
6	Contribution of Coiled-Coil Assembly to Ca2+/Calmodulin-Dependent Inactivation of TRPC6 Channel and its Impacts on FSGS-Associated Phenotypes. Journal of the American Society of Nephrology: JASN, 2019, 30, 1587-1603.	6.1	23
7	Different Contribution of Redox-Sensitive Transient Receptor Potential Channels to Acetaminophen-Induced Death of Human Hepatoma Cell Line. Frontiers in Pharmacology, 2016, 7, 19.	3.5	20
8	An In Vivo Fluorescent Sensor Reveals Intracellular Ins(1,3,4,5)P <sub>4</sub> Dynamics in Single Cells. Angewandte Chemie - International Edition, 2010, 49, 2150-2153.	13.8	16
9	Inositol 1,4,5-trisphosphate 3-kinase B promotes Ca <sup>2+</sup> mobilization and the inflammatory activity of dendritic cells. Science Signaling, 2021, 14, .	3.6	15
10	Cell-autonomous control of intracellular temperature by unsaturation of phospholipid acyl chains. Cell Reports, 2022, 38, 110487.	6.4	8
11	Determination of the physiological range of oxygen tension in bone marrow monocytes using two-photon phosphorescence lifetime imaging microscopy. Scientific Reports, 2022, 12, 3497.	3.3	7
12	Functionally deficient <i>TRPV6</i> variants contribute to hereditary and familial chronic pancreatitis. Human Mutation, 2022, 43, 228-239.	2.5	7
13	Spontaneous Ca <sup>2+</sup> fluctuations mediated by TRPM7 channels in growth plate chondrocytes. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-4-31.	0.0	О