

Reiko Sakaguchi

List of Publications by Year in descending order

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13
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1040056

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| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | TRPM7 channels mediate spontaneous Ca ²⁺ fluctuations in growth plate chondrocytes that promote bone development. <i>Science Signaling</i> , 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. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 7381-7386. | 3.0 | 26 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | Cell-autonomous control of intracellular temperature by unsaturation of phospholipid acyl chains. <i>Cell Reports</i> , 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. <i>Scientific Reports</i> , 2022, 12, 3497. | 3.3 | 7 |
| 12 | Functionally deficient <i>TRPV6</i> variants contribute to hereditary and familial chronic pancreatitis. <i>Human Mutation</i> , 2022, 43, 228-239. | 2.5 | 7 |
| 13 | 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 |