Yoshiro Suzuki

List of Publications by Year
in descending order

45	2,719	218677	243625
papers	citations	26 h-index	44 g-index

47	47	47	3799
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mutations in the Tight-Junction Gene Claudin 19 (CLDN19) Are Associated with Renal Magnesium Wasting, Renal Failure, and Severe Ocular Involvement. American Journal of Human Genetics, 2006, 79, 949-957.	6.2	446
2	Marked Disturbance of Calcium Homeostasis in Mice With Targeted Disruption of the Trpv6 Calcium Channel Gene. Journal of Bone and Mineral Research, 2007, 22, 274-285.	2.8	251
3	Functional Role for Piezo1 in Stretch-evoked Ca2+ Influx and ATP Release in Urothelial Cell Cultures. Journal of Biological Chemistry, 2014, 289, 16565-16575.	3.4	231
4	Identification of Mammalian Proline Transporter SIT1 (SLC6A20) with Characteristics of Classical System Imino. Journal of Biological Chemistry, 2005, 280, 8974-8984.	3.4	130
5	The sodium-dependent ascorbic acid transporter family SLC23. Molecular Aspects of Medicine, 2013, 34, 436-454.	6.4	125
6	Inwardly rectifying K+ channel Kir7.1 is highly expressed in thyroid follicular cells, intestinal epithelial cells and choroid plexus epithelial cells: implication for a functional coupling with Na+,K+-ATPase. Biochemical Journal, 1999, 342, 329-336.	3.7	114
7	Mechanisms and Regulation of Epithelial Ca²⁺ Absorption in Health and Disease. Annual Review of Physiology, 2008, 70, 257-271.	13.1	100
8	Calcium Channel TRPV6 Is Involved in Murine Maternalâ€“Fetal Calcium Transport. Journal of Bone and Mineral Research, 2008, 23, 1249-1256.	2.8	98
9	Modulation of water efflux through functional interaction between TRPV4 and TMEM16A/anoctamin 1. FASEB Journal, 2014, 28, 2238-2248.	0.5	90
10	Zinc transporters in prostate cancer. Molecular Aspects of Medicine, 2013, 34, 735-741.	6.4	79
11	Mutational and functional analysis of SLC4A4 in a patient with proximal renal tubular acidosis. Pflugers Archiv European Journal of Physiology, 2004, 448, 438-44.	2.8	75
12	Lack of <scp>TRPV</scp> 2 impairs thermogenesis in mouse brown adipose tissue. EMBO Reports, 2016, 17, 383-399.	4.5	71
13	Localization of Inward Rectifier Potassium Channel Kir7.1 in the Basolateral Membrane of Distal Nephron and Collecting Duct. Journal of the American Society of Nephrology: JASN, 2000, 11, 1987-1994.	6.1	68
14	Identification of a splice variant of mouse TRPA1 that regulates TRPA1 activity. Nature Communications, 2013, 4, 2399.	12.8	64
15	Gain-of-function haplotype in the epithelial calcium channel TRPV6 is a risk factor for renal calcium stone formation. Human Molecular Genetics, 2008, 17, 1613-1618.	2.9	62
16	Heavy metal cations permeate the TRPV6 epithelial cation channel. Cell Calcium, 2011, 49, 43-55.	2.4	61
17	Identification by Differential Display of a Hypertonicity-inducible Inward Rectifier Potassium Channel Highly Expressed in Chloride Cells. Journal of Biological Chemistry, 1999, 274, 11376-11382.	3.4	58
18	Relationships between obesity and metabolic hormones in the â€œcobaltâ€•variant of rainbow trout. General and Comparative Endocrinology, 2002, 128, 36-43.	1.8	58

#	Article	IF	Citations
19	Activation of transient receptor potential A1 by a nonâ€pungent capsaicinâ€like compound, capsiate. British Journal of Pharmacology, 2012, 165, 1476-1486.	5.4	56
20	Chemical Inhibitors of the Calcium Entry Channel TRPV6. Pharmaceutical Research, 2011, 28, 322-330.	3.5	55
21	Reciprocal effects of capsaicin and menthol on thermosensation through regulated activities of TRPV1 and TRPM8. Journal of Physiological Sciences, 2016, 66, 143-155.	2.1	51
22	TRPV6 Variants Interfere with Maternal-Fetal Calcium Transport through the Placenta and Cause Transient Neonatal Hyperparathyroidism. American Journal of Human Genetics, 2018, 102, 1104-1114.	6.2	47
23	Identification of Selective Norbornane-Type Aspartate Analogue Inhibitors of the Glutamate Transporter 1 (GLT-1) from the Chemical Universe Generated Database (GDB). Journal of Medicinal Chemistry, 2010, 53, 7236-7250.	6.4	40
24	Potential role of transient receptor potential (TRP) channels in bladder cancer cells. Journal of Physiological Sciences, 2014, 64, 305-314.	2.1	37
25	Sensory nerve supports epithelial stem cell function in healing of corneal epithelium in mice: the role of trigeminal nerve transient receptor potential vanilloid 4. Laboratory Investigation, 2019, 99, 210-230.	3.7	30
26	A unique mode of keratinocyte death requires intracellular acidification. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	29
27	Effects of Desacetyl-Î±-MSH on Lipid Mobilization in the Rainbow Trout, Oncorhynchus mykiss. Zoological Science, 2000, 17, 1123-1127.	0.7	25
28	Expression of the K+ channel Kir7.1 in the developing rat kidney: Role in K+ excretion. Kidney International, 2003, 63, 969-975.	5.2	18
29	TRPV6 Gene Mutation in a Dizygous Twin With Transient Neonatal Hyperparathyroidism. Journal of the Endocrine Society, 2019, 3, 602-606.	0.2	18
30	Hypotonicity-induced cell swelling activates TRPA1. Journal of Physiological Sciences, 2018, 68, 431-440.	2.1	17
31	Complex Structure and Regulation of Expression of the Rat Gene for Inward Rectifier Potassium Channel Kir7.1. Journal of Biological Chemistry, 2000, 275, 28276-28284.	3.4	16
32	Novel TRPV6 mutations in the spectrum of transient neonatal hyperparathyroidism. Journal of Physiological Sciences, 2020, 70, 33.	2.1	14
33	Trpm7 Protein Contributes to Intercellular Junction Formation in Mouse Urothelium. Journal of Biological Chemistry, 2015, 290, 29882-29892.	3.4	12
34	Fine-Tuning of Piezo1 Expression and Activity Ensures Efficient Myoblast Fusion during Skeletal Myogenesis. Cells, 2022, 11, 393.	4.1	12
35	FK506 (tacrolimus) causes pain sensation through the activation of transient receptor potential ankyrin 1 (TRPA1) channels. Journal of Physiological Sciences, 2019, 69, 305-316.	2.1	11
36	Expression of the TRPM6 in mouse placental trophoblasts; potential role in maternalâ€“fetal calcium transport. Journal of Physiological Sciences, 2017, 67, 151-162.	2.1	9

#	Article	IF	Citations
37	Involvement of TRPM2 and TRPM8 in temperature-dependent masking behavior. Scientific Reports, 2019, 9, 3706.	3.3	7
38	Decreased Expression of Na+/H+ Exchanger Isoform 1 (NHE1) in Non-infarcted Myocardium after Acute Myocardial Infarction.. International Heart Journal, 2002, 43, 273-282.	0.6	7
39	The Mammalian Transporter Families. , 2008, , 91-146.		5
40	Biphasic Renal Sympathetic Response to Hemorrhagic Hypotension in Mice. Shock, 2017, 48, 576-582.	2.1	5
41	Retrotransposons transcribed preferentially in proximal tubules of salt-hypertensive rats. Kidney International, 1999, 55, 995-1004.	5.2	4
42	Establishment of a Mouse Macula Densa Cell Line with an nNOS Promoter Driving EGFP Expression. The Japanese Journal of Physiology, 2005, 55, 365-372.	0.9	4
43	Mouse Anaphylactic Hypotension Is Characterized by Initial Baroreflex Independent Renal Sympathoinhibition Followed by Sustained Renal Sympathoexcitation. Frontiers in Physiology, 2017, 8, 669.	2.8	3
44	TRPM8 channel is involved in the ventilatory response to CO2 mediating hypercapnic Ca2+ responses. Respiratory Physiology and Neurobiology, 2019, 263, 20-25.	1.6	3
45	Development of Renal Potassium Excretion Capacity in the Neonatal Rat.. The Japanese Journal of Physiology, 2001, 51, 745-752.	0.9	2