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	Fine-Tuning of Piezo1 Expression and Activity Ensures Efficient Myoblast Fusion during Skeletal Myogenesis. Cells, 2022, 11, 393.	4.1	12
2	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
3	Novel TRPV6 mutations in the spectrum of transient neonatal hyperparathyroidism. Journal of Physiological Sciences, 2020, 70, 33.	2.1	14
4	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
5	TRPV6 Gene Mutation in a Dizygous Twin With Transient Neonatal Hyperparathyroidism. Journal of the Endocrine Society, 2019, 3, 602-606.	0.2	18
6	Involvement of TRPM2 and TRPM8 in temperature-dependent masking behavior. Scientific Reports, 2019, 9, 3706.	3.3	7
7	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
8	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
9	Hypotonicity-induced cell swelling activates TRPA1. Journal of Physiological Sciences, 2018, 68, 431-440.	2.1	17
10	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
11	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
12	Biphasic Renal Sympathetic Response to Hemorrhagic Hypotension in Mice. Shock, 2017, 48, 576-582.	2.1	5
13	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
14	Lack of <scp>TRPV</scp> 2 impairs thermogenesis in mouse brown adipose tissue. EMBO Reports, 2016, 17, 383-399.	4.5	71
15	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
16	Trpm7 Protein Contributes to Intercellular Junction Formation in Mouse Urothelium. Journal of Biological Chemistry, 2015, 290, 29882-29892.	3.4	12
17	Modulation of water efflux through functional interaction between TRPV4 and TMEM16A/anoctamin 1. FASEB Journal, 2014, 28, 2238-2248.	0.5	90
18	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

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19	Potential role of transient receptor potential (TRP) channels in bladder cancer cells. Journal of Physiological Sciences, 2014, 64, 305-314.	2.1	37
20	Identification of a splice variant of mouse TRPA1 that regulates TRPA1 activity. Nature Communications, 2013, 4, 2399.	12.8	64
21	The sodium-dependent ascorbic acid transporter family SLC23. Molecular Aspects of Medicine, 2013, 34, 436-454.	6.4	125
22	Zinc transporters in prostate cancer. Molecular Aspects of Medicine, 2013, 34, 735-741.	6.4	79
23	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
24	Heavy metal cations permeate the TRPV6 epithelial cation channel. Cell Calcium, 2011, 49, 43-55.	2.4	61
25	Chemical Inhibitors of the Calcium Entry Channel TRPV6. Pharmaceutical Research, 2011, 28, 322-330.	3.5	55
26	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
27	Calcium Channel TRPV6 Is Involved in Murine Maternalâ€“Fetal Calcium Transport. Journal of Bone and Mineral Research, 2008, 23, 1249-1256.	2.8	98
28	Mechanisms and Regulation of Epithelial Ca²⁺ Absorption in Health and Disease. Annual Review of Physiology, 2008, 70, 257-271.	13.1	100
29	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
30	The Mammalian Transporter Families. , 2008, , 91-146.		5
31	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
32	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
33	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
34	Identification of Mammalian Proline Transporter SIT1 (SLC6A20) with Characteristics of Classical System Imino. Journal of Biological Chemistry, 2005, 280, 8974-8984.	3.4	130
35	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
36	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

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37	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
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	Development of Renal Potassium Excretion Capacity in the Neonatal Rat.. The Japanese Journal of Physiology, 2001, 51, 745-752.	0.9	2
40	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
41	Effects of Desacetyl-Î±-MSH on Lipid Mobilization in the Rainbow Trout, Oncorhynchus mykiss. Zoological Science, 2000, 17, 1123-1127.	0.7	25
42	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
43	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
44	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
45	Retrotransposons transcribed preferentially in proximal tubules of salt-hypertensive rats. Kidney International, 1999, 55, 995-1004.	5.2	4