J Kevin Foskett

List of Publications by Year
in descending order

135 papers	12,282 citations	23500 58 h-index	26548 107 g-index
143 all docs	143 docs citations	143 times ranked	12280 citing authors

#	Article	IF	Citations
1	Inositol Trisphosphate Receptor Ca2+ Release Channels. Physiological Reviews, 2007, 87, 593-658.	13.1	1,066
2	Essential Regulation of Cell Bioenergetics by Constitutive InsP3 Receptor Ca2+ Transfer to Mitochondria. Cell, 2010, 142, 270-283.	13.5	888
3	MICU1 Is an Essential Gatekeeper for MCU-Mediated Mitochondrial Ca2+ Uptake that Regulates Cell Survival. Cell, 2012, 151, 630-644.	13.5	543
4	MCUR1 is an essential component of mitochondrial Ca2+ uptake that regulates cellular metabolism. Nature Cell Biology, 2012, 14, 1336-1343.	4.6	450
5	Mechanism of Ca2+ Disruption in Alzheimer's Disease by Presenilin Regulation of InsP3 Receptor Channel Gating. Neuron, 2008, 58, 871-883.	3.8	426
6	CALHM1 ion channel mediates purinergic neurotransmission of sweet, bitter and umami tastes. Nature, 2013, 495, 223-226.	13.7	405
7	The endoplasmic reticulum gateway to apoptosis by Bcl-XL modulation of the InsP3R. Nature Cell Biology, 2005, 7, 1021-1028.	4.6	383
8	A Polymorphism in CALHM1 Influences Ca2+ Homeostasis, Aî² Levels, and Alzheimer's Disease Risk. Cell, 2008, 133, 1149-1161.	13.5	310
9	Subunit Stoichiometry of the Epithelial Sodium Channel. Journal of Biological Chemistry, 1998, 273, 13469-13474.	1.6	201
10	Inhibition of cystic fibrosis transmembrane conductance regulator by novel interaction with the metabolic sensor AMP-activated protein kinase. Journal of Clinical Investigation, 2000, 105, 1711-1721.	3.9	199
11	Selective Vulnerability of Cancer Cells by Inhibition of Ca2+ Transfer from Endoplasmic Reticulum to Mitochondria. Cell Reports, 2016, 14, 2313-2324.	2.9	195
12	Gain-of-Function Enhancement of IP ₃ Receptor Modal Gating by Familial Alzheimerâ€™s Diseaseâ€“Linked Presenilin Mutants in Human Cells and Mouse Neurons. Science Signaling, 2010, 3, ra22.	1.6	189
13	Identification of a family of calcium sensors as protein ligands of inositol trisphosphate receptor Ca2+ release channels. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 7711-7716.	3.3	180
14	Differentiation of the Chloride Extrusion Mechanism During Seawater Adaptation of A Teleost Fish, the Cichlid Sarotherodon Mossambicus. Journal of Experimental Biology, 1981, 93, 209-224.	0.8	180
15	Identification of the Erythrocyte Rh Blood Group Glycoprotein as a Mammalian Ammonium Transporter. Journal of Biological Chemistry, 2002, 277, 12499-12502.	1.6	168
16	Single-Channel Kinetics, Inactivation, and Spatial Distribution of Inositol Trisphosphate (IP3) Receptors in Xenopus Oocyte Nucleus. Journal of General Physiology, 1997, 109, 571-587.	0.9	156
17	Apoptosis Protection by Mcl-1 and Bcl-2 Modulation of Inositol 1,4,5-Trisphosphate Receptor-dependent Ca2+ Signaling. Journal of Biological Chemistry, 2010, 285, 13678-13684.	1.6	156
18	Apoptosis regulation by Bcl-x _L modulation of mammalian inositol 1,4,5-trisphosphate receptor channel isoform gating. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12565-12570.	3.3	141

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19	CALHM3 Is Essential for Rapid Ion Channel-Mediated Purinergic Neurotransmission of GPCR-Mediated Tastes. Neuron, 2018, 98, 547-561.e10.	3.8	137
20	EMRE Is a Matrix Ca 2+ Sensor that Governs Gatekeeping of the Mitochondrial Ca 2+ Uniporter. Cell Reports, 2016, 14, 403-410.	2.9	134
21	Mutant (Î”F508) Cystic Fibrosis Transmembrane Conductance Regulator Clâ^' Channel Is Functional When Retained in Endoplasmic Reticulum of Mammalian Cells. Journal of Biological Chemistry, 1995, 270, 12347-12350.	1.6	133
22	Calcium homeostasis modulator 1 (CALHM1) is the pore-forming subunit of an ion channel that mediates extracellular Ca ²⁺ regulation of neuronal excitability. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1963-71.	3.3	132
23	Regulation by Ca2+ and Inositol 1,4,5-Trisphosphate (Insp3) of Single Recombinant Type 3 Insp3 Receptor Channels. Journal of General Physiology, 2001, 117, 435-446.	0.9	131
24	Cystic Fibrosis Transmembrane Conductance Regulatorâ€“associated ATP Release Is Controlled by a Chloride Sensor. Journal of Cell Biology, 1998, 143, 645-657.	2.3	114
25	Mitochondrial Ca2+ signals in autophagy. Cell Calcium, 2012, 52, 44-51.	1.1	108
26	Physiological modulation of CFTR activity by AMP-activated protein kinase in polarized T84 cells. American Journal of Physiology - Cell Physiology, 2003, 284, C1297-C1308.	2.1	106
27	Regulation of Channel Gating by AMP-activated Protein Kinase Modulates Cystic Fibrosis Transmembrane Conductance Regulator Activity in Lung Submucosal Cells. Journal of Biological Chemistry, 2003, 278, 998-1004.	1.6	102
28	Structural and Functional Similarities of Calcium Homeostasis Modulator 1 (CALHM1) Ion Channel with Connexins, Pannexins, and Innexins*. Journal of Biological Chemistry, 2013, 288, 6140-6153.	1.6	101
29	Characterization of ammonia transport by the kidney Rh glycoproteins RhBG and RhCG. American Journal of Physiology - Renal Physiology, 2006, 290, F297-F305.	1.3	99
30	LETM1â€dependent mitochondrial Ca ²⁺ flux modulates cellular bioenergetics and proliferation. FASEB Journal, 2014, 28, 4936-4949.	0.2	99
31	Systematic Identification of MCU Modulators by Orthogonal Interspecies Chemical Screening. Molecular Cell, 2017, 67, 711-723.e7.	4.5	99
32	Suppression of InsP₃Receptor-Mediated Ca²⁺Signaling Alleviates Mutant Presenilin-Linked Familial Alzheimer's Disease Pathogenesis. Journal of Neuroscience, 2014, 34, 6910-6923.	1.7	95
33	ATP Regulation of Type 1 Inositol 1,4,5-Trisphosphate Receptor Channel Gating by Allosteric Tuning of Ca2+ Activation. Journal of Biological Chemistry, 1999, 274, 22231-22237.	1.6	92
34	The Proapoptotic Factors Bax and Bak Regulate T Cell Proliferation through Control of Endoplasmic Reticulum Ca2+ Homeostasis. Immunity, 2007, 27, 268-280.	6.6	92
35	A kinase-regulated mechanism controls CFTR channel gating by disrupting bivalent PDZ domain interactions. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9620-9625.	3.3	91
36	The mitochondrial Ca2+ uniporter complex. Journal of Molecular and Cellular Cardiology, 2015, 78, 3-8.	0.9	90

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37	Assembly and Trafficking of a Multiprotein ROMK (Kir 1.1) Channel Complex by PDZ Interactions. Journal of Biological Chemistry, 2004, 279, 6863-6873.	1.6	86
38	A Kinetic Model of Single and Clustered IP3 Receptors in the Absence of Ca2+ Feedback. Biophysical Journal, 2007, 93, 1151-1162.	0.2	86
39	Phosphorylated K-Ras limits cell survival by blocking Bcl-xL sensitization of inositol trisphosphate receptors. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20593-20598.	3.3	86
40	A New Mode of Ca2+ Signaling by G Protein-Coupled Receptors. Current Biology, 2003, 13, 872-876.	1.8	85
41	Cystic Fibrosis Transmembrane Conductance Regulator-associated ATP and Adenosine 3â€²-Phosphate 5â€²-Phosphosulfate Channels in Endoplasmic Reticulum and Plasma Membranes. Journal of Biological Chemistry, 1997, 272, 7746-7751.	1.6	82
42	Single-Channel Properties in Endoplasmic Reticulum Membrane of Recombinant Type 3 Inositol Trisphosphate Receptor. Journal of General Physiology, 2000, 115, 241-256.	0.9	81
43	Inositol trisphosphate receptor Ca2+ release channels in neurological diseases. Pflugers Archiv European Journal of Physiology, 2010, 460, 481-494.	1.3	80
44	Lack of Evidence for Presenilins as Endoplasmic Reticulum Ca2+ Leak Channels. Journal of Biological Chemistry, 2012, 287, 10933-10944.	1.6	80
45	Constitutive cAMP response element binding protein (CREB) activation by Alzheimer's disease presenilin-driven inositol trisphosphate receptor (InsP ₃ R) Ca ²⁺ signaling. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13293-13298.	3.3	79
46	Molecular Determinants of Ion Permeation and Selectivity in Inositol 1,4,5-Trisphosphate Receptor Ca2+ Channels. Journal of Biological Chemistry, 2001, 276, 13509-13512.	1.6	78
47	Calcium homeostasis modulator (CALHM) ion channels. Pflugers Archiv European Journal of Physiology, 2016, 468, 395-403.	1.3	76
48	Familial Alzheimerâ€™s diseaseâ€“associated presenilin 1 mutants promote Î³-secretase cleavage of STIM1 to impair store-operated Ca ²⁺ entry. Science Signaling, 2016, 9, ra89.	1.6	75
49	cAMP-activated Ca2+ signaling is required for CFTR-mediated serous cell fluid secretion in porcine and human airways. Journal of Clinical Investigation, 2010, 120, 3137-3148.	3.9	75
50	MICU2 Restricts Spatial Crosstalk between InsP 3 R and MCU Channels by Regulating Threshold and Gain of MICU1-Mediated Inhibition and Activation of MCU. Cell Reports, 2017, 21, 3141-3154.	2.9	73
51	ClC AND CFTR CHLORIDE CHANNEL GATING. Annual Review of Physiology, 1998, 60, 689-717.	5.6	71
52	MCUR1, CCDC90A, Is a Regulator of the Mitochondrial Calcium Uniporter. Cell Metabolism, 2015, 22, 533-535.	7.2	71
53	Taste transduction and channel synapses in taste buds. Pflugers Archiv European Journal of Physiology, 2021, 473, 3-13.	1.3	70
54	AMP-activated protein kinase phosphorylation of the R domain inhibits PKA stimulation of CFTR. American Journal of Physiology - Cell Physiology, 2009, 297, C94-C101.	2.1	67

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55	How do taste cells lacking synapses mediate neurotransmission? <scp>CALHM</scp>1, a voltageâ€gated <scp>ATP</scp> channel. BioEssays, 2013, 35, 1111-1118.	1.2	66
56	Inositol 1,4,5-trisphosphate receptors in the endoplasmic reticulum: A single-channel point of view. Cell Calcium, 2015, 58, 67-78.	1.1	66
57	Phenotypic Abnormalities in Long-Term Surviving Cystic Fibrosis Mice. Pediatric Research, 1996, 40, 233-241.	1.1	66
58	Mechanisms of Ca²⁺-stimulated fluid secretion by porcine bronchial submucosal gland serous acinar cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 298, L210-L231.	1.3	60
59	Mode Switching Is the Major Mechanism of Ligand Regulation of InsP3 Receptor Calcium Release Channels. Journal of General Physiology, 2007, 130, 631-645.	0.9	59
60	Rapid ligandâ€regulated gating kinetics of single inositol 1,4,5â€trisphosphate receptor Ca ²⁺ release channels. EMBO Reports, 2007, 8, 1044-1051.	2.0	59
61	Graded recruitment and inactivation of single InsP3receptor Ca2+-release channels: implications for quartal Ca2+release. Journal of Physiology, 2006, 573, 645-662.	1.3	57
62	Spontaneous Channel Activity of the Inositol 1,4,5-Trisphosphate (InsP3) Receptor (InsP3R). Application of Allosteric Modeling to Calcium and InsP3 Regulation of InsP3R Single-channel Gating. Journal of General Physiology, 2003, 122, 583-603.	0.9	53
63	Mechanism of Genetic Complementation of Ammonium Transport in Yeast by Human Erythrocyte Rh-associated Glycoprotein. Journal of Biological Chemistry, 2004, 279, 17443-17448.	1.6	53
64	CIB1, a Ubiquitously Expressed Ca2+-binding Protein Ligand of the InsP3 Receptor Ca2+ Release Channel. Journal of Biological Chemistry, 2006, 281, 20825-20833.	1.6	53
65	Effects of divalent cations on single-channel conduction properties ofXenopusIP₃receptor. American Journal of Physiology - Cell Physiology, 1998, 275, C179-C188.	2.1	51
66	Single-Channel Recordings of Recombinant Inositol Trisphosphate Receptors in Mammalian Nuclear Envelope. Biophysical Journal, 2001, 81, 117-124.	0.2	51
67	Inhibition of TRPC5 channels by Ca2+-binding protein 1 in Xenopus oocytes. Pflugers Archiv European Journal of Physiology, 2005, 450, 345-354.	1.3	50
68	Enhanced ROS Generation Mediated by Alzheimer's Disease Presenilin Regulation of InsP₃R Ca²⁺ Signaling. Antioxidants and Redox Signaling, 2011, 14, 1225-1235.	2.5	50
69	Ca2+ signaling and fluid secretion by secretory cells of the airway epithelium. Cell Calcium, 2014, 55, 325-336.	1.1	50
70	Targeting hepatic glutaminase activity to ameliorate hyperglycemia. Nature Medicine, 2018, 24, 518-524.	15.2	50
71	Isosmotic modulation of cell volume and intracellular ion activities during stimulation of single exocrine cells. The Journal of Experimental Zoology, 1994, 268, 104-110.	1.4	49
72	Biphasic regulation of InsP ₃ receptor gating by dual Ca ²⁺ release channel BH3-like domains mediates Bcl-x _L control of cell viability. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1953-62.	3.3	47

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73	Translational Mobility of the Type 3 Inositol 1,4,5-Trisphosphate Receptor Ca2+ Release Channel in Endoplasmic Reticulum Membrane. Journal of Biological Chemistry, 2005, 280, 3824-3831.	1.6	46
74	Atp-Dependent Adenophostin Activation of Inositol 1,4,5-Trisphosphate Receptor Channel Gating. Journal of General Physiology, 2001, 117, 299-314.	0.9	45
75	G Protein-Coupled Receptor Ca²⁺-Linked Mitochondrial Reactive Oxygen Species Are Essential for Endothelial/Leukocyte Adherence. Molecular and Cellular Biology, 2007, 27, 7582-7593.	1.1	45
76	Cancer cells with defective oxidative phosphorylation require endoplasmic reticulumâ€“toâ€“mitochondria Ca ²⁺ transfer for survival. Science Signaling, 2020, 13, .	1.6	45
77	Localization of ionic pathways in the teleost opercular membrane by extracellular recording with a vibrating probe. Journal of Membrane Biology, 1983, 75, 193-203.	1.0	44
78	Muscarinic Agonists Induce Phosphorylation-independent Activation of the NHE-1 Isoform of the Na+/H+ Antiporter in Salivary Acinar Cells. Journal of Biological Chemistry, 1997, 272, 287-294.	1.6	43
79	Effects of epinephrine, glucagon and vasoactive intestinal polypeptide on chloride secretion by teleost opercular membrane. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1982, 146, 27-34.	0.7	42
80	AMPK supports growth in Drosophila by regulating muscle activity and nutrient uptake in the gut. Developmental Biology, 2010, 344, 293-303.	0.9	42
81	Unitary Ca2+ current through recombinant type 3 InsP3 receptor channels under physiological ionic conditions. Journal of General Physiology, 2010, 136, 687-700.	0.9	41
82	The Presenilin-2 Loop Peptide Perturbs Intracellular Ca2+ Homeostasis and Accelerates Apoptosis. Journal of Biological Chemistry, 2006, 281, 16649-16655.	1.6	40
83	Atp Regulation of Recombinant Type 3 Inositol 1,4,5-Trisphosphate Receptor Gating. Journal of General Physiology, 2001, 117, 447-456.	0.9	39
84	Novel Regulation of Calcium Inhibition of the Inositol 1,4,5-trisphosphate Receptor Calcium-release Channel. Journal of General Physiology, 2003, 122, 569-581.	0.9	39
85	Salty Taste Deficits in CALHM1 Knockout Mice. Chemical Senses, 2014, 39, 515-528.	1.1	38
86	Coupled transmembrane mechanisms control MCU-mediated mitochondrial Ca ²⁺ uptake. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21731-21739.	3.3	38
87	Vibrating probe analysis of teleost opercular epithelium: Correlation between active transport and leak pathways of individual chloride cells. Journal of Membrane Biology, 1985, 85, 25-35.	1.0	37
88	A Host GPCR Signaling Network Required for the Cytolysis of Infected Cells Facilitates Release of Apicomplexan Parasites. Cell Host and Microbe, 2013, 13, 15-28.	5.1	37
89	DANGER, a Novel Regulatory Protein of Inositol 1,4,5-Trisphosphate-Receptor Activity. Journal of Biological Chemistry, 2006, 281, 37111-37116.	1.6	36
90	High-Efficiency Transfer of Cystic Fibrosis Transmembrane Conductance Regulator cDNA into Cystic Fibrosis Airway Cells in Culture Using Lactosylated Polylysine as a Vector. Human Gene Therapy, 1999, 10, 615-622.	1.4	35

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91	CLHM-1 is a Functionally Conserved and Conditionally Toxic Ca2+-Permeable Ion Channel in Caenorhabditis elegans. Journal of Neuroscience, 2013, 33, 12275-12286.	1.7	34
92	Calpain-cleaved Type 1 Inositol 1,4,5-Trisphosphate Receptor (InsP3R1) Has InsP3-independent Gating and Disrupts Intracellular Ca2+ Homeostasis*. Journal of Biological Chemistry, 2011, 286, 35998-36010.	1.6	33
93	Analyzing and Quantifying the Gain-of-Function Enhancement of IP3 Receptor Gating by Familial Alzheimerâ€™s Disease-Causing Mutants in Presenilins. PLoS Computational Biology, 2015, 11, e1004529.	1.5	33
94	Calcium signaling induces a partial EMT. EMBO Reports, 2021, 22, e51872.	2.0	33
95	Pseudomonas aeruginosa Homoserine Lactone Activates Store-operated cAMP and Cystic Fibrosis Transmembrane Regulator-dependent Clâ^' Secretion by Human Airway Epithelia. Journal of Biological Chemistry, 2010, 285, 34850-34863.	1.6	31
96	Permeant calcium ion feed-through regulation of single inositol 1,4,5-trisphosphate receptor channel gating. Journal of General Physiology, 2012, 140, 697-716.	0.9	30
97	Optical imaging of Ca2+-evoked fluid secretion by murine nasal submucosal gland serous acinar cells. Journal of Physiology, 2007, 582, 1099-1124.	1.3	28
98	General Anesthetic Isoflurane Modulates Inositol 1,4,5-Trisphosphate Receptor Calcium Channel Opening. Anesthesiology, 2014, 121, 528-537.	1.3	27
99	CIB1 and CaBP1 bind to the myo1c regulatory domain. Journal of Muscle Research and Cell Motility, 2007, 28, 285-291.	0.9	26
100	Regulation of the mitochondrial Ca2+ uniporter by MICU1 and MICU2. Biochemical and Biophysical Research Communications, 2014, 449, 377-383.	1.0	26
101	Normal Taste Acceptance and Preference of PANX1 Knockout Mice. Chemical Senses, 2015, 40, 453-459.	1.1	26
102	Acute Regulation of Habituation Learning via Posttranslational Palmitoylation. Current Biology, 2020, 30, 2729-2738.e4.	1.8	26
103	Role of Binding and Nucleoside Diphosphate Kinase A in the Regulation of the Cystic Fibrosis Transmembrane Conductance Regulator by AMP-activated Protein Kinase. Journal of Biological Chemistry, 2012, 287, 33389-33400.	1.6	25
104	HCO3â^' Secretion by Murine Nasal Submucosal Gland Serous Acinar Cells during Ca2+-stimulated Fluid Secretion. Journal of General Physiology, 2008, 132, 161-183.	0.9	23
105	Regulation of IP3R Channel Gating by Ca2+ and Ca2+ Binding Proteins. Current Topics in Membranes, 2010, 66, 235-272.	0.5	23
106	Patch-Clamp Electrophysiology of Intracellular Ca²⁺ Channels. Cold Spring Harbor Protocols, 2013, 2013, pdb.top066217.	0.2	22
107	Action potentials and ion conductances in wild-type and CALHM1-knockout type II taste cells. Journal of Neurophysiology, 2017, 117, 1865-1876.	0.9	22
108	Sodiumâ€“Taste Cells RequireSkn-1afor Generation and Share Molecular Features with Sweet, Umami, and Bitter Taste Cells. ENeuro, 2020, 7, ENEURO.0385-20.2020.	0.9	22

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109	The NH₂ terminus regulates voltage-dependent gating of CALHM ion channels. American Journal of Physiology - Cell Physiology, 2017, 313, C173-C186.	2.1	21
110	Variable Assembly of EMRE and MCU Creates Functional Channels with Distinct Gatekeeping Profiles. IScience, 2020, 23, 101037.	1.9	20
111	Why Mouse Airway Submucosal Gland Serous Cells Do Not Secrete Fluid in Response to cAMP Stimulation. Journal of Biological Chemistry, 2012, 287, 38316-38326.	1.6	19
112	ER-luminal [Ca2+] regulation of InsP3 receptor gating mediated by an ER-luminal peripheral Ca2+-binding protein. ELife, 2020, 9, .	2.8	19
113	Calpainâ€cleaved type 1 inositol 1,4,5â€trisphosphate receptor impairs ER Ca²⁺ buffering and causes neurodegeneration in primary cortical neurons. Journal of Neurochemistry, 2012, 123, 147-158.	2.1	18
114	HORMONAL CONTROL OF CHLORIDE SECRETION BY TELEOST OPERCULAR MEMBRANE. Annals of the New York Academy of Sciences, 1981, 372, 643-643.	1.8	17
115	Redox-Regulated Heterogeneous Thresholds for Ligand Recruitment among InsP3R Ca2+-Release Channels. Biophysical Journal, 2010, 99, 407-416.	0.2	17
116	Visualization of inositol 1,4,5-trisphosphate receptors on the nuclear envelope outer membrane by freeze-drying and rotary shadowing for electron microscopy. Journal of Structural Biology, 2010, 171, 372-381.	1.3	14
117	ZIP9 Is a Druggable Determinant of Sex Differences in Melanoma. Cancer Research, 2021, 81, 5991-6003.	0.4	14
118	Isolating Nuclei from Cultured Cells for Patch-Clamp Electrophysiology of Intracellular Ca²⁺ Channels. Cold Spring Harbor Protocols, 2013, 2013, pdb.prot073056.	0.2	13
119	Novel model of calcium and inositol 1,4,5-trisphosphate regulation of InsP3 receptor channel gating in native endoplasmic reticulum. Biological Research, 2004, 37, 513-9.	1.5	12
120	Nuclear Patch-Clamp Electrophysiology of Ca²⁺ Channels. Cold Spring Harbor Protocols, 2013, 2013, pdb.prot073064.	0.2	11
121	Effect of the CALHM1 G330D and R154H Human Variants on the Control of Cytosolic Ca2+ and AÎ² Levels. PLoS ONE, 2014, 9, e112484.	1.1	11
122	InsP₃R, the calcium whisperer: Maintaining mitochondrial function in cancer. Molecular and Cellular Oncology, 2016, 3, e1185563.	0.3	11
123	InsP3R channel gating altered by clustering?. Nature, 2011, 478, E1-E2.	13.7	10
124	[39] Scanning electrode localization of transport pathways in epithelial tissues. Methods in Enzymology, 1989, 171, 792-813.	0.4	9
125	Optical imaging of Clâ^' permeabilities in normal and CFTR-expressing mouse L cells. Biochimica Et Biophysica Acta - Biomembranes, 1993, 1152, 83-90.	1.4	9
126	Suppression of Ca2+ oscillations induced by cholecystokinin (CCK) and its analog OPE in rat pancreatic acinar cells by low-level protein kinase C activation without transition of the CCK receptor from a high- to low-affinity state. Pflugers Archiv European Journal of Physiology, 1994, 427, 455-462.	1.3	8

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127	Structures of CALHM channels revealed. Nature Structural and Molecular Biology, 2020, 27, 227-228.	3.6	8
128	Uncorking MCU to let the calcium flow. Cell Calcium, 2020, 91, 102257.	1.1	5
129	The Chloride Cell. , 1987, 1, 83-91.		4
130	[13] Fluorescence measurements of cytosolicsodium concentration. Methods in Neurosciences, 1995, 27, 274-288.	0.5	4
131	CFTR nonsense mutations: Therapeutic benefits from clinically approved drugs?. Journal of Cystic Fibrosis, 2017, 16, 9-10.	0.3	2
132	Ryanodine receptor resolution revolution: Implications for InsP3 receptors?. Cell Calcium, 2017, 61, 53-56.	1.1	2
133	Reply to Bezprozvanny et al.: Response to Shilling et al. (10.1074/jbc.M111.300491). Journal of Biological Chemistry, 2012, 287, 20470.	1.6	1
134	Nuclear Patch Clamp Electrophysiology of Inositol Trisphosphate Receptor Ca2+ Release Channels. , 2005, , 203-229.		1
135	Calcium Homeostasis Modulator (CALHM) Ion Channels: Structure, Functions and Physiological Roles. Membrane, 2014, 39, 41-47.	0.0	0