

Elena V Kaznacheyeva

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,133
citations

361413

20
h-index

395702

33
g-index

50
all docs

50
docs citations

50
times ranked

1267
citing authors

#	ARTICLE	IF	CITATIONS
1	Manifestation of Huntington's disease pathology in human induced pluripotent stem cell-derived neurons. <i>Molecular Neurodegeneration</i> , 2016, 11, 27.	10.8	140
2	Neuronal Store-Operated Calcium Entry Pathway as a Novel Therapeutic Target for Huntington's Disease Treatment. <i>Chemistry and Biology</i> , 2011, 18, 777-793.	6.0	132
3	The plasma membrane channel ORAI1 mediates detrimental calcium influx caused by endogenous oxidative stress. <i>Cell Death and Disease</i> , 2013, 4, e470-e470.	6.3	82
4	Functional Coupling of Phosphatidylinositol 4,5-Bisphosphate to Inositol 1,4,5-Trisphosphate Receptor. <i>Journal of Biological Chemistry</i> , 1998, 273, 14067-14070.	3.4	71
5	Single-Channel Properties of Inositol (1,4,5)-Trisphosphate Receptor Heterologously Expressed in HEK-293 Cells. <i>Journal of General Physiology</i> , 1998, 111, 847-856.	1.9	68
6	Molecular Pathogenesis in Huntington's Disease. <i>Biochemistry (Moscow)</i> , 2018, 83, 1030-1039.	1.5	50
7	Functional Properties of Endogenous Receptor- and Store-operated Calcium Influx Channels in HEK293 Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 16790-16797.	3.4	47
8	Plasma Membrane Calcium Channels in Human Carcinoma A431 Cells Are Functionally Coupled to Inositol 1,4,5-Trisphosphate Receptor-Phosphatidylinositol 4,5-Bisphosphate Complexes. <i>Journal of Biological Chemistry</i> , 2000, 275, 4561-4564.	3.4	40
9	Both Orai1 and TRPC1 are Involved in Excessive Store-Operated Calcium Entry in Striatal Neurons Expressing Mutant Huntingtin Exon 1. <i>Frontiers in Physiology</i> , 2015, 6, 337.	2.8	40
10	Activation of calcium entry in human carcinoma A431 cells by store depletion and phospholipase C-dependent mechanisms converge on ICRAC-like calcium channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 148-153.	7.1	34
11	The Store-operated Calcium Entry Pathways in Human Carcinoma A431 Cells. <i>Journal of General Physiology</i> , 2003, 122, 81-94.	1.9	29
12	Pharmacological protein targets in polyglutamine diseases: Mutant polypeptides and their interactors. <i>FEBS Letters</i> , 2013, 587, 1997-2007.	2.8	28
13	STIM1 and STIM2 Proteins Differently Regulate Endogenous Store-operated Channels in HEK293 Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 4717-4727.	3.4	27
14	Huntington's Disease: Calcium Dyshomeostasis and Pathology Models. <i>Acta Naturae</i> , 2017, 9, 34-46.	1.7	27
15	Familial Alzheimer's disease-linked presenilin-1 mutation M146V affects store-operated calcium entry: Does gain look like loss?. <i>Biochimie</i> , 2013, 95, 1506-1509.	2.6	26
16	STIM2 Mediates Excessive Store-Operated Calcium Entry in Patient-Specific iPSC-Derived Neurons Modeling a Juvenile Form of Huntington's Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 625231.	3.7	25
17	STIM1 Protein Activates Store-Operated Calcium Channels in Cellular Model of Huntington's Disease. <i>Acta Naturae</i> , 2014, 6, 40-47.	1.7	25
18	ATP-activated inward current and calcium-permeable channels in rat macrophage plasma membranes. <i>Journal of Physiology</i> , 1995, 486, 323-337.	2.9	24

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19	Suppression of TRPC3 Leads to Disappearance of Store-operated Channels and Formation of a New Type of Store-independent Channels in A431 Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 23655-23662.	3.4	23
20	ATP-activated Ca ²⁺ -permeable channels in rat peritoneal macrophages. <i>FEBS Letters</i> , 1992, 313, 285-287.	2.8	21
21	Patient-Specific iPSC-Based Models of Huntingtonâ€™s Disease as a Tool to Study Store-Operated Calcium Entry Drug Targeting. <i>Frontiers in Pharmacology</i> , 2018, 9, 696.	3.5	21
22	Presenilin-1 Delta E9 Mutant Induces STIM1-Driven Store-Operated Calcium Channel Hyperactivation in Hippocampal Neurons. <i>Molecular Neurobiology</i> , 2018, 55, 4667-4680.	4.0	19
23	Withaferin A Induces Heat Shock Response and Ameliorates Disease Progression in a Mouse Model of Huntingtonâ€™s Disease. <i>Molecular Neurobiology</i> , 2021, 58, 3992-4006.	4.0	19
24	TRPC1 protein forms only one type of native store-operated channels in HEK293 cells. <i>Biochimie</i> , 2013, 95, 347-353.	2.6	18
25	Huntingtin-Associated Protein 1A Regulates Store-Operated Calcium Entry in Medium Spiny Neurons From Transgenic YAC128 Mice, a Model of Huntingtonâ€™s Disease. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 381.	3.7	18
26	ATPâ€operated calciumâ€permeable channels activated via a guanine nucleotideâ€dependent mechanism in rat macrophages. <i>Journal of Physiology</i> , 1995, 486, 339-347.	2.9	13
27	Attenuated presenilinâ€1 endoproteolysis enhances storeâ€operated calcium currents in neuronal cells. <i>Journal of Neurochemistry</i> , 2016, 136, 1085-1095.	3.9	10
28	Cytoskeleton Rearrangements Modulate TRPC6 Channel Activity in Podocytes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4396.	4.1	9
29	Role of STIM2 and Orai proteins in regulating TRPC1 channel activity upon calcium store depletion. <i>Cell Calcium</i> , 2021, 97, 102432.	2.4	9
30	Impact of the DSP-H1684R Genetic Variant on Ion Channels Activity in iPSC-Derived Cardiomyocytes. <i>Cellular Physiology and Biochemistry</i> , 2020, 54, 696-706.	1.6	8
31	Patient-Specific iPSCs-Based Models of Neurodegenerative Diseases: Focus on Aberrant Calcium Signaling. <i>International Journal of Molecular Sciences</i> , 2022, 23, 624.	4.1	8
32	Homer regulation of native plasma membrane calcium channels in A431 cells. <i>Cell Calcium</i> , 2010, 48, 209-214.	2.4	7
33	Store-operated calcium entry into SK-N-SH human neuroblastoma cells modeling huntingtonâ€™s disease. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , 2012, 6, 206-214.	0.6	4
34	Selectivity of ATP-activated GTP-dependent Ca ²⁺ -permeable channels in rat macrophage plasma membrane. <i>Journal of Membrane Biology</i> , 1995, 148, 91-8.	2.1	3
35	Electrophysiological Properties of Endogenous Single Ca ²⁺ Activated Cl ⁻ Channels Induced by Local Ca ²⁺ Entry in HEK293. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4767.	4.1	3
36	A Novel Modulator of STIM2-Dependent Store-Operated Ca ²⁺ Channel Activity. <i>Acta Naturae</i> , 2021, 13, 140-146.	1.7	2

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37	EVP4593 Compound Decreases Abnormal Store-Operated Calcium Entry In Ipscs-Based Model of Huntington's Disease. <i>Biophysical Journal</i> , 2018, 114, 285a-286a.	0.5	1
38	Dominant Effect of Full-Length Presenilin-1 on the Enhancement of Store-Operated Calcium Entry. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , 2019, 13, 253-259.	0.6	1
39	Generation of two iPSC lines (FAMRCi004-A and FAMRCi004-B) from patient with familial progressive cardiac conduction disorder carrying genetic variant DSP p.His1684Arg.. <i>Stem Cell Research</i> , 2020, 43, 101720.	0.7	1
40	Regulation of the calcium-channel min/l crac activity in human epidermal carcinoma A431 cells. <i>Neurophysiology</i> , 2000, 32, 149-149.	0.3	0
41	Familial Alzheimer's Disease Mutations in Presenilin-1 and Store-Operated Calcium Entry. <i>Biophysical Journal</i> , 2011, 100, 554a.	0.5	0
42	Presenilin-1 Mutants Connected with Familial Alzheimer's Disease affect Activity of Voltage-Gated Calcium Channels. <i>Biophysical Journal</i> , 2013, 104, 460a.	0.5	0
43	Disregulation of Calcium Homeostasis Connected with Familial Alzheimer's Disease. <i>Biophysical Journal</i> , 2014, 106, 548a-549a.	0.5	0
44	STIM1 and STIM2 Proteins Regulation of Endogenous Store-Operated Calcium Channels in HEK293 Cells. <i>Biophysical Journal</i> , 2015, 108, 565a-566a.	0.5	0
45	Possible Role of STIM1 Sensor Signal in Memory Loss Connected with Familial Alzheimer's Disease. <i>Biophysical Journal</i> , 2015, 108, 588a.	0.5	0
46	Role of ORAI Proteins in Activation of Endogenous TRPC1-Composed Channels. <i>Biophysical Journal</i> , 2017, 112, 484a.	0.5	0
47	Store-Operated Calcium Entry in Adult Wild Type Ventricle Cardiomyocytes. <i>Biophysical Journal</i> , 2018, 114, 285a.	0.5	0
48	Expression Level of STIM Proteins Alter Electrophysiological Properties of Endogenous Calcium Channels. <i>Biophysical Journal</i> , 2018, 114, 286a.	0.5	0
49	Potential Neuroprotective Drug Evp4593 Reduces Excessive Expression of Huntingtin in iPSC-Based Juvenile Model of Huntington's Disease. <i>Biophysical Journal</i> , 2019, 116, 239a.	0.5	0