Elena V Kaznacheyeva

List of Publications by Year
in descending order

49	1,133	361413	395702
papers	citations	20 h-index	33 g-index

50	50	50	1267
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Patient-Specific iPSCs-Based Models of Neurodegenerative Diseases: Focus on Aberrant Calcium Signaling. International Journal of Molecular Sciences, 2022, 23, 624.	4.1	8
2	STIM2 Mediates Excessive Store-Operated Calcium Entry in Patient-Specific iPSC-Derived Neurons Modeling a Juvenile Form of Huntington's Disease. Frontiers in Cell and Developmental Biology, 2021, 9, 625231.	3.7	25
3	A Novel Modulator of STIM2-Dependent Store-Operated Ca2+ Channel Activity. Acta Naturae, 2021, 13, 140-146.	1.7	2
4	Cytoskeleton Rearrangements Modulate TRPC6 Channel Activity in Podocytes. International Journal of Molecular Sciences, 2021, 22, 4396.	4.1	9
5	Electrophysiological Properties of Endogenous Single Ca2+ Activated Clâ^' Channels Induced by Local Ca2+ Entry in HEK293. International Journal of Molecular Sciences, 2021, 22, 4767.	4.1	3
6	Withaferin A Induces Heat Shock Response and Ameliorates Disease Progression in a Mouse Model of Huntingtonâ€™s Disease. Molecular Neurobiology, 2021, 58, 3992-4006.	4.0	19
7	Role of STIM2 and Orai proteins in regulating TRPC1 channel activity upon calcium store depletion. Cell Calcium, 2021, 97, 102432.	2.4	9
8	Generation of two iPSC lines (FAMRCi004-A and FAMRCi004-B) from patient with familial progressive cardiac conduction disorder carrying genetic variant DSP p.His1684Arg.. Stem Cell Research, 2020, 43, 101720.	0.7	1
9	Impact of the DSP-H1684R Genetic Variant on Ion Channels Activity in iPSC-Derived Cardiomyocytes. Cellular Physiology and Biochemistry, 2020, 54, 696-706.	1.6	8
10	Dominant Effect of Full-Length Presenilin-1 on the Enhancement of Store-Operated Calcium Entry. Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology, 2019, 13, 253-259.	0.6	1
11	Potential Neuroprotective Drug Evp4593 Reduces Excessive Expression of Huntingtin in iPSC-Based Juvenile Model of Huntington's Disease. Biophysical Journal, 2019, 116, 239a.	0.5	0
12	EVP4593 Compound Decreases Abnormal Store-Operated Calcium Entry In Ipscs-Based Model of Huntington's Disease. Biophysical Journal, 2018, 114, 285a-286a.	0.5	1
13	Presenilin-1 Delta E9 Mutant Induces STIM1-Driven Store-Operated Calcium Channel Hyperactivation in Hippocampal Neurons. Molecular Neurobiology, 2018, 55, 4667-4680.	4.0	19
14	Store-Operated Calcium Entry in Adult Wild Type Ventricle Cardiomyocytes. Biophysical Journal, 2018, 114, 285a.	0.5	0
15	Molecular Pathogenesis in Huntingtonâ€™s Disease. Biochemistry (Moscow), 2018, 83, 1030-1039.	1.5	50
16	Huntingtin-Associated Protein 1A Regulates Store-Operated Calcium Entry in Medium Spiny Neurons From Transgenic YAC128 Mice, a Model of Huntingtonâ€™s Disease. Frontiers in Cellular Neuroscience, 2018, 12, 381.	3.7	18
17	Expression Level of STIM Proteins Alter Electrophysiological Properties of Endogenous Calcium Channels. Biophysical Journal, 2018, 114, 286a.	0.5	0
18	Patient-Specific iPSC-Based Models of Huntingtonâ€™s Disease as a Tool to Study Store-Operated Calcium Entry Drug Targeting. Frontiers in Pharmacology, 2018, 9, 696.	3.5	21

#	Article	IF	Citations
19	Role of ORAI Proteins in Activation of Endogenous TRPC1-Composed Channels. Biophysical Journal, 2017, 112, 484a.	0.5	0
20	Huntingtonâ€™s Disease: Calcium Dyshomeostasis and Pathology Models. Acta Naturae, 2017, 9, 34-46.	1.7	27
21	Attenuated presenilinâ€1 endoproteolysis enhances storeâ€operated calcium currents in neuronal cells. Journal of Neurochemistry, 2016, 136, 1085-1095.	3.9	10
22	Manifestation of Huntingtonâ€™s disease pathology in human induced pluripotent stem cell-derived neurons. Molecular Neurodegeneration, 2016, 11, 27.	10.8	140
23	STIM1 and STIM2 Proteins Regulation of Endogenous Store-Operated Calcium Channels in HEK293 Cells. Biophysical Journal, 2015, 108, 565a-566a.	0.5	0
24	Both Orai1 and TRPC1 are Involved in Excessive Store-Operated Calcium Entry in Striatal Neurons Expressing Mutant Huntingtin Exon 1. Frontiers in Physiology, 2015, 6, 337.	2.8	40
25	STIM1 and STIM2 Proteins Differently Regulate Endogenous Store-operated Channels in HEK293 Cells. Journal of Biological Chemistry, 2015, 290, 4717-4727.	3.4	27
26	Possible Role of STIM1 Sensor Signal in Memory Loss Connected with Familial Alzheimer's Disease. Biophysical Journal, 2015, 108, 588a.	0.5	0
27	Disregulation of Calcium Homeostasis Connected with Familial Alzheimer's Disease. Biophysical Journal, 2014, 106, 548a-549a.	0.5	0
28	STIM1 Protein Activates Store-Operated Calcium Channels in Cellular Model of Huntingtonâ€™s Disease. Acta Naturae, 2014, 6, 40-47.	1.7	25
29	The plasma membrane channel ORAI1 mediates detrimental calcium influx caused by endogenous oxidative stress. Cell Death and Disease, 2013, 4, e470-e470.	6.3	82
30	TRPC1 protein forms only one type of native store-operated channels in HEK293 cells. Biochimie, 2013, 95, 347-353.	2.6	18
31	Familial Alzheimer's disease-linked presenilin-1 mutation M146V affects store-operated calcium entry: Does gain look like loss?. Biochimie, 2013, 95, 1506-1509.	2.6	26
32	Presenilin-1 Mutants Connected with Familial Alzheimer's Disease affect Activity of Voltage-Gated Calcium Channels. Biophysical Journal, 2013, 104, 460a.	0.5	0
33	Pharmacological protein targets in polyglutamine diseases: Mutant polypeptides and their interactors. FEBS Letters, 2013, 587, 1997-2007.	2.8	28
34	Store-operated calcium entry into SK-N-SH human neuroblastoma cells modeling huntingtonâ€™s disease. Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology, 2012, 6, 206-214.	0.6	4
35	Familial Alzheimer's Disease Mutations in Presenilin-1 and Store-Operated Calcium Entry. Biophysical Journal, 2011, 100, 554a.	0.5	0
36	Neuronal Store-Operated Calcium Entry Pathway asÂaÂNovel Therapeutic Target forÂHuntington'sÂDisease Treatment. Chemistry and Biology, 2011, 18, 777-793.	6.0	132

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37	Homer regulation of native plasma membrane calcium channels in A431 cells. Cell Calcium, 2010, 48, 209-214.	2.4	7
38	Suppression of TRPC3 Leads to Disappearance of Store-operated Channels and Formation of a New Type of Store-independent Channels in A431 Cells. Journal of Biological Chemistry, 2007, 282, 23655-23662.	3.4	23
39	Functional Properties of Endogenous Receptor- and Store-operated Calcium Influx Channels in HEK293 Cells. Journal of Biological Chemistry, 2005, 280, 16790-16797.	3.4	47
40	The Store-operated Calcium Entry Pathways in Human Carcinoma A431 Cells. Journal of General Physiology, 2003, 122, 81-94.	1.9	29
41	Activation of calcium entry in human carcinoma A431 cells by store depletion and phospholipase C-dependent mechanisms converge on ICRAC-like calcium channels. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 148-153.	7.1	34
42	Regulation of the calcium-channell min/I crac activity in human epidermal carcinoma A431 cells. Neurophysiology, 2000, 32, 149-149.	0.3	0
43	Plasma Membrane Calcium Channels in Human Carcinoma A431 Cells Are Functionally Coupled to Inositol 1,4,5-Trisphosphate Receptor-Phosphatidylinositol 4,5-Bisphosphate Complexes. Journal of Biological Chemistry, 2000, 275, 4561-4564.	3.4	40
44	Single-Channel Properties of Inositol (1,4,5)-Trisphosphate Receptor Heterologously Expressed in HEK-293 Cells. Journal of General Physiology, 1998, 111, 847-856.	1.9	68
45	Functional Coupling of Phosphatidylinositol 4,5-Bisphosphate to Inositol 1,4,5-Trisphosphate Receptor. Journal of Biological Chemistry, 1998, 273, 14067-14070.	3.4	71
46	ATPâ€activated inward current and calciumâ€permeable channels in rat macrophage plasma membranes.. Journal of Physiology, 1995, 486, 323-337.	2.9	24
47	ATPâ€operated calciumâ€permeable channels activated via a guanine nucleotideâ€dependent mechanism in rat macrophages.. Journal of Physiology, 1995, 486, 339-347.	2.9	13
48	Selectivity of ATP-activated GTP-dependent Ca2+-permeable channels in rat macrophage plasma membrane. Journal of Membrane Biology, 1995, 148, 91-8.	2.1	3
49	ATP-activated Ca2+-permeable channels in rat peritoneal macrophages. FEBS Letters, 1992, 313, 285-287.	2.8	21