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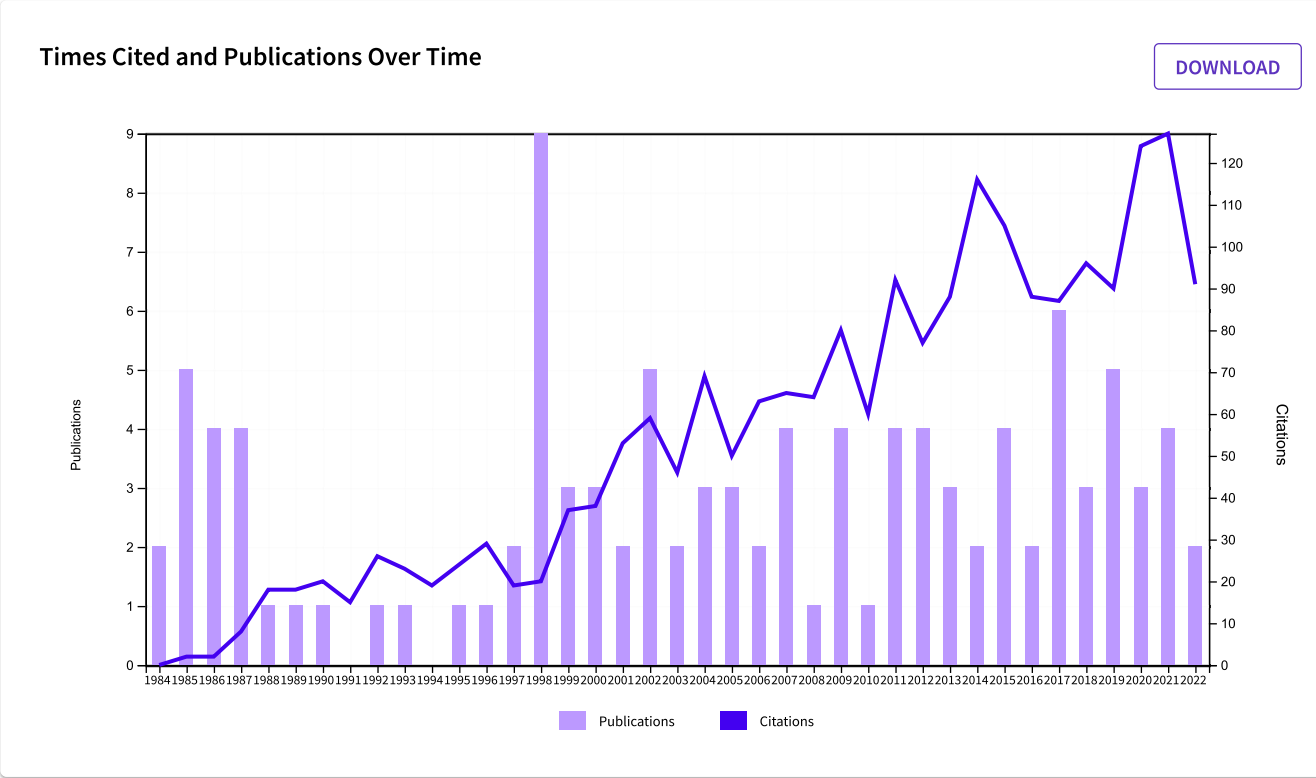
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Total						96	90	124	127	91	55.47	2,108			
⊖ 1 THE EFFECT OF EXTERNAL PH CHANGES ON RESPONSES TO EXCITATORY AMINO-ACIDS IN MOUSE HIPPOCAMPAL-NEURONS VYKLICKY, L.; VLACHOVA, V and KRUSEK, J Nov 1990 JOURNAL OF PHYSIOLOGY-LONDON 430 , pp.497-517						2	2	0	2	1	5.03	166			
						7	5	4	9	1	7.3	146			

⊖ 2	Functional role of C-terminal cytoplasmic tail of rat vanilloid receptor 1 Vlachova, V ; Teisinger, J ; (...); Vyklícký, L Feb 15 2003 JOURNAL OF NEUROSCIENCE 23 (4) , pp.1340-1350							
⊖ 3	Inflammatory mediators at acidic pH activate capsaicin receptors in cultured sensory neurons from newborn rats Vyklícký, L ; Knotkova-Urbancova, H ; (...); Reeh, PW Feb 1998 JOURNAL OF NEUROPHYSIOLOGY 79 (2) , pp.670-676	1	0	1	1	1	3.76	94
⊖ 4	Ciguatoxins activate specific cold pain pathways to elicit burning pain from cooling Vetter, J ; Touska, E ; (...); Zimmermann, K Oct 3 2012 EMBO JOURNAL 31 (19) , pp.3795-3808	9	5	8	10	3	8.18	90
⊖ 5	Reducing and oxidizing agents sensitize heat-activated vanilloid receptor (TRPV1) current Susankova, K ; Tousova, K ; (...); Vlachova, V Jul 2006 MOLECULAR PHARMACOLOGY 70 (1) , pp.383-394	5	3	3	7	3	5.12	87
⊖ 6	Copper modulation of NMDA responses in mouse and rat cultured hippocampal neurons Vlachova, V ; Zemkova, H and Vyklícký, L Nov 1996 EUROPEAN JOURNAL OF NEUROSCIENCE 8 (11) , pp.2257-2264	7	2	3	2	2	3.19	86
⊖ 7	Temperature coefficient of membrane currents induced by noxious heat in sensory neurones in the rat Vyklícký, L ; Vlachova, V ; (...); Orkand, RK May 15 1999 JOURNAL OF PHYSIOLOGY-LONDON 517 (1) , pp.181-192	3	2	0	1	2	3.54	85
⊖ 8	Calcium-Dependent Desensitization of Vanilloid Receptor TRPV1: A Mechanism Possibly Involved in Analgesia Induced by Topical Application of Capsaicin Vyklícký, L ; Novakova-Tousova, K ; (...); Vlachova, V 2008 PHYSIOLOGICAL RESEARCH 57 , pp.S59-S68	4	5	9	6	5	5.33	80
⊖ 9	Improved superfusion technique for rapid cooling or heating of cultured cells under patch-clamp conditions Dittert, J ; Benedikt, J ; (...); Vlachova, V Mar 15 2006 JOURNAL OF NEUROSCIENCE METHODS 151 (2) , pp.178-185	5	2	6	2	3	4.18	71
⊖ 10	A technique for fast application of heated solutions of different composition to cultured neurones Dittert, J ; Vlachova, V ; (...); Reeh, PW Aug 1 1998 JOURNAL OF NEUROSCIENCE METHODS 82 (2) , pp.195-201	0	1	1	3	4	2.84	71
⊖ 11	THE ACTION OF EXCITATORY AMINO-ACIDS ON CHICK SPINAL-CORD NEURONS IN CULTURE VLACHOVA, V ; VYKLICKY, L ; (...); VYSKOCIL, F May 1987 JOURNAL OF PHYSIOLOGY-LONDON 386 , pp.425-438	0	0	0	0	0	1.75	63

⊖ 12	A "Cute" Desensitization of TRPV1 Touska, E; Marsakova, L; (...); Vlachova, V Jan 2011 CURRENT PHARMACEUTICAL BIOTECHNOLOGY 12 (1) , pp.122-129	2	5	6	9	2	5.08	61
⊖ 13	Ethanol inhibits cold-menthol receptor TRPM8 by modulating its interaction with membrane phosphatidylinositol 4,5-bisphosphate Benedikt, J; Teisinger, J; (...); Vlachova, V Jan 2007 JOURNAL OF NEUROCHEMISTRY 100 (1) , pp.211-224	2	2	1	1	0	3.06	49
⊖ 14	Conserved Residues within the Putative S4-S5 Region Serve Distinct Functions among Thermosensitive Vanilloid Transient Receptor Potential (TRPV) Channels Boukalova, S; Marsakova, L; (...); Vlachova, V Dec 31 2010 JOURNAL OF BIOLOGICAL CHEMISTRY 285 (53) , pp.41455-41462	5	1	4	4	3	3.69	48
⊖ 15	Contribution of the putative inner-pore region to the gating of the transient receptor potential vanilloid subtype 1 channel (TRPV1) Susankova, K; Ettrich, R; (...); Vlachova, V Jul 11 2007 JOURNAL OF NEUROSCIENCE 27 (28) , pp.7578-7585	2	3	2	4	1	2.94	47
⊖ 16	Functional changes in the vanilloid receptor subtype 1 channel during and after acute desensitization Novakova-Tousova, K; Vyklícký, L; (...); Vlachova, V Oct 12 2007 NEUROSCIENCE 149 (1) , pp.144-154	2	1	1	2	1	2.88	46
⊖ 17	Gadolinium activates and sensitizes the vanilloid receptor TRPV1 through the external protonation sites Tousova, K; Vyklícký, L; (...); Vlachova, V Oct 2005 MOLECULAR AND CELLULAR NEUROSCIENCE 30 (2) , pp.207-217	3	1	2	0	0	2.56	46
⊖ 18	Properties of NMDA receptors in rat spinal cord motoneurons Paleček, J; Abdrachmanova, G; (...); Vyklícký, L Mar 1999 EUROPEAN JOURNAL OF NEUROSCIENCE 11 (3) , pp.827-836	1	0	0	0	0	1.67	40
⊖ 19	Molecular Basis of TRPA1 Regulation in Nociceptive Neurons. A Review Kadkova, A; Synytsya, V; (...); Vlachova, V 2017 PHYSIOLOGICAL RESEARCH 66 (3) , pp.425-439	2	10	10	8	5	5.83	35
⊖ 20	Reducing agent dithiothreitol facilitates activity of the capsaicin receptor VR-1 Vyklícký, L; Lyfenko, A; (...); Vlachova, V 2002 NEUROSCIENCE 111 (3) , pp.435-441	0	1	1	0	1	1.62	34
		2	2	4	2	1	2.82	31

21	C-terminal Acidic Cluster Is Involved in Ca ²⁺ -induced Regulation of Human Transient Receptor Potential Ankyrin 1 Channel Sura, L; Zima, V; (...); Vlachova, V May 25 2012 JOURNAL OF BIOLOGICAL CHEMISTRY 287 (22) , pp.18067-18077							
22	The C-terminal basic residues contribute to the chemical- and voltage-dependent activation of TRPA1 Samad, A; Sura, L; (...); Vlachova, V Jan 1 2011 BIOCHEMICAL JOURNAL 433 , pp.197-204	1	3	4	1	3	2.5	30
23	CAPSAICIN-INDUCED MEMBRANE CURRENTS IN CULTURED SENSORY NEURONS OF THE RAT VLACHOVA, V and VYKLICKY, L 1993 PHYSIOLOGICAL RESEARCH 42 (5) , pp.301-311	0	0	0	0	0	1	30
24	Modelling the consequences of receptor-G-protein promiscuity Tucek, S; Michal, P and Vlachova, V Apr 2002 TRENDS IN PHARMACOLOGICAL SCIENCES 23 (4) , pp.171-176	4	3	0	1	0	1.38	29
25	Amplified Cold Transduction in Native Nociceptors by M-Channel Inhibition Vetter, J; Hein, A; (...); Zimmermann, K Oct 16 2013 JOURNAL OF NEUROSCIENCE 33 (42) , pp.16627-16641	4	3	0	3	2	2.7	27
26	EVIDENCE THAT EXCITATORY AMINO-ACIDS NOT ONLY ACTIVATE THE RECEPTOR CHANNEL COMPLEX BUT ALSO LEAD TO USE-DEPENDENT BLOCK VYKLICKY, L; VYKLICKY, L; (...); MICHL, J Jan 15 1986 BRAIN RESEARCH 363 (1) , pp.148-151	0	0	0	0	0	0.73	27
27	Vanilloid receptor TRPV1 is not activated by vanilloids applied intracellularly Vyklícký, L; Lyfenko, A; (...); Vlachova, V May 23 2003 NEUROREPORT 14 (7) , pp.1061-1065	0	1	0	0	0	1.3	26
28	The effects of capsaicin and acidity on currents generated by noxious heat in cultured neonatal rat dorsal root ganglion neurones Vlachova, V; Lyfenko, A; (...); Vyklícký, L Jun 15 2001 JOURNAL OF PHYSIOLOGY-LONDON 533 (3) , pp.717-728	0	0	2	0	0	1.09	24
29	Molecular and functional properties of synaptically activated NMDA receptors in neonatal motoneurons in rat spinal cord slices Abdrachmanova, G; Teisinger, J; (...); Vyklícký, L Mar 2000 EUROPEAN JOURNAL OF NEUROSCIENCE 12 (3) , pp.955-963	0	1	0	0	0	1.04	24
30	Essential role for the putative S6 inner pore region in the activation gating of the human TRPA1 channel Benedikt, J; Samad, A; (...); Vlachova, V	1	2	2	2	0	1.5	21

	Jul 2009 BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR CELL RESEARCH 1793 (7)							
⊖ 31	Oxidizing reagent copper-o-phenanthroline is an open channel blocker of the vanilloid receptor TRPV1 Tousova, K; Susankova, K; (...); Vlachova, V Aug 2004 NEUROPHARMACOLOGY 47 (2), pp.273-285	2	0	0	0	0	1.11	21
⊖ 32	Intracellular spermine decreases open probability of N-methyl-D-aspartate receptor channels Turecek, R; Vlcek, K; (...); Vyklícký, L 2004 NEUROSCIENCE 125 (4), pp.879-887	1	0	1	0	0	1.05	20
⊖ 33	Gain-of-Function Mutations in the Transient Receptor Potential Channels TRPV1 and TRPA1: How Painful? Boukalova, S; Touska, F; (...); Vlachova, V 2014 PHYSIOLOGICAL RESEARCH 63, pp.S205-S213	4	0	3	3	1	2.11	19
⊖ 34	Spontaneous openings of NMDA receptor channels in cultured rat hippocampal neurons Turecek, R; Vlachova, V and Vyklícký, L Oct 1997 EUROPEAN JOURNAL OF NEUROSCIENCE 9 (10), pp.1999-2008	0	0	1	0	0	0.73	19
⊖ 35	VOLTAGE-DEPENDENT CHLORIDE CHANNELS WITH SEVERAL SUBSTATES IN EXCISED PATCHES FROM MOUSE NEUROBLASTOMA-CELLS BOLOTINA, V; BORECKÝ, J; (...); VYSKOCIL, F Jun 26 1987 NEUROSCIENCE LETTERS 77 (3), pp.298-302	0	2	0	0	0	0.53	19
⊖ 36	Odontoblast TRPC5 channels signal cold pain in teeth Bernal, L; Sotelo-Hitschfeld, P; (...); Zimmermann, K Mar 2021 SCIENCE ADVANCES 7 (13)	0	0	0	4	14	9	18
⊖ 37	Human and Mouse TRPA1 Are Heat and Cold Sensors Differentially Tuned by Voltage Sinica, V; Zimova, L; (...); Vlachova, V Jan 2020 CELLS 9 (1)	0	0	7	7	4	6	18
⊖ 38	Intracellular cavity of sensor domain controls allosteric gating of TRPA1 channel Zimova, L; Sinica, V; (...); Vlachova, V Jan 23 2018 SCIENCE SIGNALING 11 (514)	1	6	9	2	0	3.6	18
⊖ 39	Structural modeling and patch-clamp analysis of pain-related mutation TRPA1-N855S reveal inter-subunit salt bridges stabilizing the channel open state Zima, V; Witschas, K; (...); Vlachova, V Jun 2015 NEUROPHARMACOLOGY 93, pp.294-307	4	1	4	2	1	2.25	18
		0	0	0	4	13	8.5	17

40	Structural mechanism of heat-induced opening of a temperature-sensitive TRP channel Nadezhdin, KD; Neuberger, A; (...); Sobolevsky, AI Jul 2021 Jul 2021 (Early Access) NATURE STRUCTURAL & MOLECULAR BIOLOGY 28 (7) , pp.564+ Enriched Cited References							
41	The First Extracellular Linker Is Important for Several Aspects of the Gating Mechanism of Human TRPA1 Channel Marsakova, L; Barvik, J; (...); Vlachova, V Jan 31 2017 FRONTIERS IN MOLECULAR NEUROSCIENCE 10	2	3	4	2	3	2.5	15
42	N-terminal tetrapeptide T/SPLH motifs contribute to multimodal activation of human TRPA1 channel Hynkova, A; Marsakova, L; (...); Vlachova, V Jun 27 2016 SCIENTIFIC REPORTS 6	3	2	5	3	1	2.14	15
43	The effects of excessive heat on heat-activated membrane currents in cultured dorsal root ganglia neurons from neonatal rat Lyfenko, A; Vlachova, V; (...); Reeh, PW Feb 2002 PAIN 95 (3) , pp.207-214	1	0	0	0	0	0.67	14
44	Pore Helix Domain Is Critical to Camphor Sensitivity of Transient Receptor Potential Vanilloid 1 Channel Marsakova, L; Touska, E; (...); Vlachova, V Apr 2012 ANESTHESIOLOGY 116 (4) , pp.903-917	1	1	0	0	1	1.09	12
45	Acute exposure to high-induction electromagnetic field affects activity of model peripheral sensory neurons Prucha, J; Krusek, J; (...); Vlachova, V Feb 2018 JOURNAL OF CELLULAR AND MOLECULAR MEDICINE 22 (2) , pp.1355-1362	2	4	1	3	1	2.2	11
46	Protons stabilize the closed conformation of gain-of-function mutants of the TRPV1 channel Boukalova, S; Teisinger, J and Vlachova, V Mar 2013 BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR CELL RESEARCH 1833 (3) , pp.520-528	1	0	2	1	1	1.1	11
47	ATP binding site on the C-terminus of the vanilloid receptor Grycova, L; Lansky, Z; (...); Teisinger, J Sep 15 2007 ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS 465 (2) , pp.389-398	0	0	0	1	0	0.69	11
48	Activation and modulation of ligand-gated ion channels Krusek, J; Dittert, J; (...); Vyklícký, L 2004 PHYSIOLOGICAL RESEARCH 53 , pp.S103-S113	0	1	0	0	0	0.58	11
49	Dual effects of muscarinic M-2 receptors on the synthesis of cyclic AMP in CHO cells - Background and model	0	1	0	0	0	0.5	11

Tucek, S; Michal, P and Vlachova, V 9th International Symposium on Subtypes of Muscarinic Receptors Apr 27 2001 LIFE SCIENCES 68 (22-23) , pp.2501-2510								
50 Proximal C-Terminus Serves as a Signaling Hub for TRPA1 Channel Regulation via Its Interacting Molecules and Supramolecular Complexes Zimova, L; Barvikova, K; (...); Vlachova, V Mar 12 2020 FRONTIERS IN PHYSIOLOGY 11 Enriched Cited References		0	0	3	4	3	3.33	10

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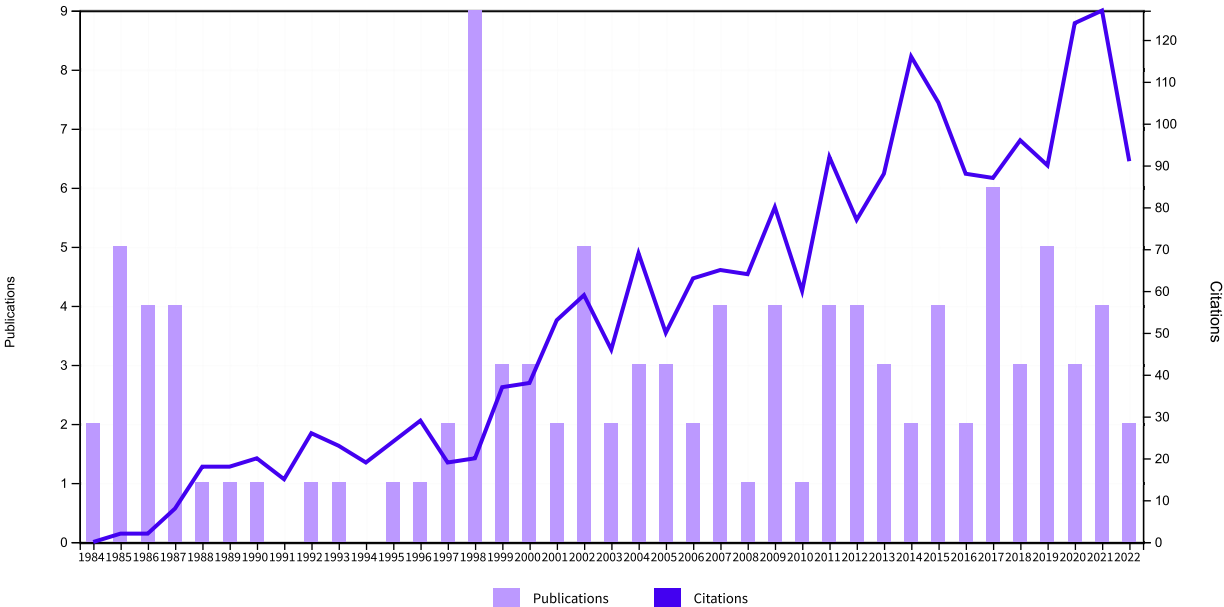
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51	Cytoplasmic Inter-Subunit Interface Controls Use-Dependence of Thermal Activation of TRPV3 Channel							
	Macikova, L.; Vyklíčka, L.; (...); Vlachova, V							7
	Aug 2 2019 INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 20 (16)							
		0	2	3	2	0	1.75	7
		0	0	1	3	3	1.4	7

⊖ 52	Heat-resistant action potentials require TTX-resistant sodium channels Na(V)1.8 and Na(V)1.9 Touska, E; Turnquist, B; (...); Zimmermann, K Apr 2018 JOURNAL OF GENERAL PHYSIOLOGY 150 (8), pp.1125-1144							
⊖ 53	Interaction of a peptide derived from C-terminus of human TRPA1 channel with model membranes mimicking the inner leaflet of the plasma membrane Witschas, K; Jobin, ML; (...); Alves, ID May 2015 BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES 1848 (5), pp.1147-1156	0	1	3	2	0	0.88	7
⊖ 54	Cellular mechanisms of nociception in the frog Kuffler, DP; Lyfenko, A; (...); Vlachova, V Oct 2002 JOURNAL OF NEUROPHYSIOLOGY 88 (4), pp.1843-1850	0	0	0	0	0	0.33	7
⊖ 55	Procaine excites nociceptors in cultures from dorsal root ganglion of the rat Vlachova, V; Vitaskova, Z; (...); Orkand, RK Mar 19 1999 NEUROSCIENCE LETTERS 263 (1), pp.49-52	0	0	0	0	0	0.29	7
⊖ 56	Putative interaction site for membrane phospholipids controls activation of TRPA1 channel at physiological membrane potentials Macikova, L; Sinica, V; (...); Vlachova, V Sep 2019 FEBS JOURNAL 286 (18), pp.3664-3683	0	0	3	3	0	1.5	6
⊖ 57	G-PROTEIN MODULATION OF GLYCINE-RESISTANT NMDA RECEPTOR DESENSITIZATION IN RAT CULTURED HIPPOCAMPAL-NEURONS TURECEK, R; VYKLICKY, L; (...); VYKLICKY, L Aug 1 1995 EUROPEAN JOURNAL OF NEUROSCIENCE 7 (8), pp.1826-1830	0	0	0	0	0	0.21	6
⊖ 58	SINGLE K+ CURRENTS DURING DIFFERENTIATION OF EMBRYONIC MUSCLE-CELLS INVITRO ZEMKOVA, H; VYSKOCIL, F; (...); UJEC, E Nov 17 1989 BIOCHIMICA ET BIOPHYSICA ACTA 986 (1), pp.146-150	0	0	0	0	0	0.18	6
⊖ 59	COBALT IONS BLOCK L-GLUTAMATE AND L-ASPARTATE-INDUCED CURRENTS IN CULTURED NEURONS FROM EMBRYONIC CHICK SPINAL-CORD VYKLICKY, L; VYKLICKY, L; (...); VYSKOCIL, F 1985 NEUROSCIENCE LETTERS 61 (3), pp.345-350	0	0	0	0	0	0.16	6
⊖ 60	Axotomy-induced change in the properties of (S)-alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionate receptor channels in rat motoneurons Abdrachmanova, G; Vlachova, V and Vyklícky, L 2000 NEUROSCIENCE 99 (1), pp.119-131	0	0	0	0	0	0.22	5
		0	0	0	0	0	0.11	4

⊖ 61	GLUTAMINE-INDUCED MEMBRANE CURRENTS IN CULTURED CHICK SPINAL-CORD NEURONS KRUSEK, J ; VYKLICKY, L ; (...); VLACHOVA, V Aug 1 1988 NEUROSCIENCE LETTERS 90 (3) , pp.333-337							
⊖ 62	MEMBRANE CURRENTS INDUCED BY L-HOMOCYSTEIC ACID IN MOUSE CULTURED HIPPOCAMPAL-NEURONS VYKLICKY, L and VLACHOVA, V Jun 1992 NEUROSCIENCE 48 (4) , pp.813-819	0	0	0	0	0	0.1	3
⊖ 63	IONIC CURRENTS IN NEURO-BLASTOMA CLONE E-7-CELLS VYKLICKY, L ; MICHL, J ; (...); VYSKOCIL, E 1985 NEUROSCIENCE LETTERS 55 (2) , pp.197-201	0	0	0	0	0	0.08	3
⊖ 64	The human transient receptor potential vanilloid 3 channel is sensitized via the ERK pathway Vyklícká, L ; Boukalová, S ; (...); Vlachová, V Dec 22 2017 JOURNAL OF BIOLOGICAL CHEMISTRY 292 (51) , pp.21083-21091	0	0	0	1	1	0.33	2
⊖ 65	TRP Channels: From Understanding to Action Vlachova, V Jan 2011 CURRENT PHARMACEUTICAL BIOTECHNOLOGY 12 (1) , pp.1-2	0	0	0	0	0	0.17	2
⊖ 66	Suramin affects capsaicin responses and capsaicin-noxious heat interactions in rat dorsal root ganglia neurones Vlachova, V ; Lyfenko, A ; (...); Orkand, RK 2002 PHYSIOLOGICAL RESEARCH 51 (2) , pp.193-198	0	0	0	0	0	0.1	2
⊖ 67	The effects of algogens on membrane currents induced by noxious heat in sensory neurones from newborn rats Vyklícký, L ; Vlachová, V ; (...); Kabat, M Sep 1998 JOURNAL OF PHYSIOLOGY-LONDON 511P , pp.125P-126P	0	0	0	0	0	0.08	2
⊖ 68	MINIATURE ENDPLATE CURRENTS AT THE NEUROMUSCULAR-JUNCTION OF THE LARVA OF THE FLY (SARCOPHAGA-BULLATA) VYSKOCIL, E ; VYKLICKY, L ; (...); UJEC, E 1985 MOLECULAR PHYSIOLOGY 7 (2) , pp.143-154	0	0	0	0	0	0.05	2
⊖ 69	Properties of glutamate receptor ion channels underlying EPSC on rat spinal cord motoneurones Abdrachmanova, G ; Vlachova, V ; (...); Vyklícký, L Sep 1998 JOURNAL OF PHYSIOLOGY-LONDON 511P , pp.18S-18S	0	0	0	0	0	0.04	1
⊖ 70	Heat-induced membrane currents in small sensory neurones Vlachova, V ; Vitaskova, Z ; (...); Vyklícký, L 1998 EUROPEAN JOURNAL OF NEUROSCIENCE 10 , pp.80-80	0	0	0	0	0	0.04	1
⊖ 71	Activity dependent inhibition of TRPC1/4/5 channels by duloxetine involves voltage sensor-like domain	0	0	0	0	0	0	0

	Zimova, L.; Ptakova, A.; (...); Vlachova, V Aug 2022 BIOMEDICINE & PHARMACOTHERAPY 152							
72	Cellular context determines primary characteristics of human TRPC5 as a cold-activated channel Ptakova, A.; Mitro, M.; (...); Vlachova, V Jun 2022 (Early Access) JOURNAL OF CELLULAR PHYSIOLOGY Enriched Cited References	0	0	0	0	0	0	0
73	Potent direct inhibition of TRPC5 by an antidepressant and analgesic drug duloxetine Zimova, L.; Ptakova, A.; (...); Vlachova, V Jul 2021 EUROPEAN BIOPHYSICS JOURNAL WITH BIOPHYSICS LETTERS 50 (SUPPL 1), pp.96-96	0	0	0	0	0	0	0
74	Transient Receptor Potential Ankyrin 1 Channel: An Evolutionarily Tuned Thermosensor Sinica, V and Vlachova, V Jun 2021 PHYSIOLOGICAL RESEARCH 70 (3), pp.363-381	0	0	0	0	0	0	0
75	Phospho-Mimetic Mutation at Ser602 Inactivates Human TRPA1 Channel Barvikova, K.; Barvik, J.; (...); Vlachova, V Nov 2020 INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 21 (21)	0	0	0	0	0	0	0
76	Putative interaction site for membrane phospholipids controls activation of TRPA1 channel at physiological membrane potentials Macikova, L.; Sinica, V.; (...); Vlachova, V Joint 12th EBSA European Biophysics Congress / 10th IUPAP International Conference on Biological Physics (ICBP) Jul 2019 EUROPEAN BIOPHYSICS JOURNAL WITH BIOPHYSICS LETTERS 48, pp.S170-S170	0	0	0	0	0	0	0
77	Identification of a putative region critical for cold sensitivity of TRPA1 Zimova, L.; Sinica, V.; (...); Vlachova, V Joint 12th EBSA European Biophysics Congress / 10th IUPAP International Conference on Biological Physics (ICBP) Jul 2019 EUROPEAN BIOPHYSICS JOURNAL WITH BIOPHYSICS LETTERS 48, pp.S167-S167	0	0	0	0	0	0	0
78	Acute exposure to high-induction electromagnetic field affects activity of model peripheral sensory neurons Dittert, J.; Prucha, J.; (...); Vlachova, V Experimental Biology Meeting (EB) Apr 2019 FASEB JOURNAL 33	0	0	0	0	0	0	0
79	ERK modulates TRPV3 channel activity through the direct phosphorylation of threonine 264 Macikova, L.; Vyklíčka, L.; (...); Vlachova, V	0	0	0	0	0	0	0

	19th IUPAB Congress / 11th EBSA Congress Jul 2017 EUROPEAN BIOPHYSICS JOURNAL WITH BIOPHYSICS LETTERS 46 , pp.S267-S267							
80	Synytsya,V; Zimova,L; (...); Vlachova,V 19th IUPAB Congress / 11th EBSA Congress Jul 2017 EUROPEAN BIOPHYSICS JOURNAL WITH BIOPHYSICS LETTERS 46 , pp.S270-S270	0	0	0	0	0	0	0
81	Vylicka,L; Barvik,L; (...); Vlachova,V 19th IUPAB Congress / 11th EBSA Congress Jul 2017 EUROPEAN BIOPHYSICS JOURNAL WITH BIOPHYSICS LETTERS 46 , pp.S271-S271	0	0	0	0	0	0	0
82	Werthmoller,N; Vlachova,V; (...); Lehner,MD 9th Joint Meeting of AFERP, ASP, GA, JSP, PSE and SIF Dec 2016 PLANTA MEDICA 82	0	0	0	0	0	0	0
83	Hynkova,A; Vaskova,J; (...); Vlachova,V 10th European-Biophysical-Societies-Association (EBSA) European Biophysics Congress Jul 2015 EUROPEAN BIOPHYSICS JOURNAL WITH BIOPHYSICS LETTERS 44 , pp.S215-S215	0	0	0	0	0	0	0
84	Zimova,L; Synytsya,V; (...); Vlachova,V 10th European-Biophysical-Societies-Association (EBSA) European Biophysics Congress Jul 2015 EUROPEAN BIOPHYSICS JOURNAL WITH BIOPHYSICS LETTERS 44 , pp.S219-S219	0	0	0	0	0	0	0
85	Boukalova,S; Touska,E; (...); Vlachova,V 2014 PHYSIOLOGICAL RESEARCH 63 (5) , pp.667-667	0	0	0	0	0	0	0
86	Witschas,K; Sura,L; (...); Vlachova,V 57th Annual Meeting of the Biophysical-Society Jan 29 2013 BIOPHYSICAL JOURNAL 104 (2) , pp.453A-454A	0	0	0	0	0	0	0
87	Vlachova,V Searching for Voltage Sensors in Thermosensitive TRP Channels Viktorie Vlachova.	0	0	0	0	0	0	0

56th Annual Meeting of the Biophysical-Society Jan 31 2012 BIOPHYSICAL JOURNAL 102 (3) , pp.30A-30A																										
MENU	⊖ 88 Clues to understanding the voltage regulation of TRPA1 Zima,V; Sura,L; (...); Vlachova,V 8th EBSA European Biophysics Congress Aug 2011 EUROPEAN BIOPHYSICS JOURNAL WITH BIOPHYSICS LETTERS 40 , pp.174-174	0	0	0	0	0	0	0																		
	⊖ 89 Ladislav Vyklicky (1925-2008) Obituary Vlachova,V; Rokyta,B; (...); Kress,M Jul 2009 PAIN 144 (1-2) , pp.1-2	0	0	0	0	0	0	0																		
	⊖ 90 MUDR. LADISLAV VYKICKY, DRSC. (1925-2008) Kress,M; Vlachova,V; (...); Sessle,B Jun 16 2009 NEUROSCIENCE 161 (1) , pp.1-2	0	0	0	0	0	0	0																		
	⊖ 91 MUDr. Ladislav Vyklicky, DrSc. (1925-2008) Obituary Vlachova,V; Rokyta,B; (...); Reeh,PW Apr 2009 EUROPEAN JOURNAL OF PAIN 13 (4) , pp.327-328	0	0	0	0	0	0	0																		
	Functional characterization of temperature-gated ion channels																									
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2018	2019	2020	2021	2022																						
⊖ 93 Determination of structure and functional properties of cytoplasmic terminus of vanilloid receptor TRPV1 Mrazikova,V; Jindrova,E; (...); Ettrich,R IUBMB 50th Anniversary Symposium Jul 2005 FEBS JOURNAL 272 , pp.196-196	0	0	0	0	0	0	0																			
⊖ 94 Differential effects of noxious heat on capsaicin induced membrane currents in cultured DRG neurones Vlachova,V; Lyfenko,A and Vyklicky,L 2000 EUROPEAN JOURNAL OF NEUROSCIENCE 12 , pp.434-434	0	0	0	0	0	0	0																			
⊖ 95 A technique for fast control of temperature of solutions applied to cultured neurones Dittert,J; Vlachova,V; (...); Vyklicky,L Sep 1998 JOURNAL OF PHYSIOLOGY-LONDON 511P , pp.130P-130P	0	0	0	0	0	0	0																			
⊖ 96 Properties of postsynaptic AMPA and NMDA receptors in rat spinal cord motoneurones. Abdrachmanova,G; Vlachova,V; (...); Vyklicky,L 1998 EUROPEAN JOURNAL OF NEUROSCIENCE 10 , pp.129-129	0	0	0	0	0	0	0																			
	0	0	0	0	0	0	0																			

97 Properties of postsynaptic AMPA and NMDA receptors in rat spinal cord motoneurons. Abdrachmanova, G; Vlachova, V; (...); Vyklícký, L 1998 EUROPEAN JOURNAL OF NEUROSCIENCE 10 , pp.134-134							
98 Acidic inflammatory mediators activate capsaicin receptors. Vyklícký, L; Vlachova, V; (...); Reeh, PW 1998 EUROPEAN JOURNAL OF NEUROSCIENCE 10 , pp.80-80	0	0	0	0	0	0	0
99 Inflammatory mediators at acidic pH activate capsaicin receptors in cultured sensory neurones from newborn rats. Vyklícký, L; KnotkovaUrbancova, H; (...); Reeh, PW Nov 1997 JOURNAL OF PHYSIOLOGY-LONDON 504P , pp.P177-P177	0	0	0	0	0	0	0
100 HIGH CONDUCTANCE CL- CHANNELS IN NEUROBLASTOMA-CELLS DISSIPATE INTO SEVERAL SUBSTATES BOLOTINA, V; BORECKÝ, J; (...); VYSKOCIL, F 1987 PHYSIOLOGIA BOHEMOSLOVACA 36 (6) , pp.522-522	0	0	0	0	0	0	0

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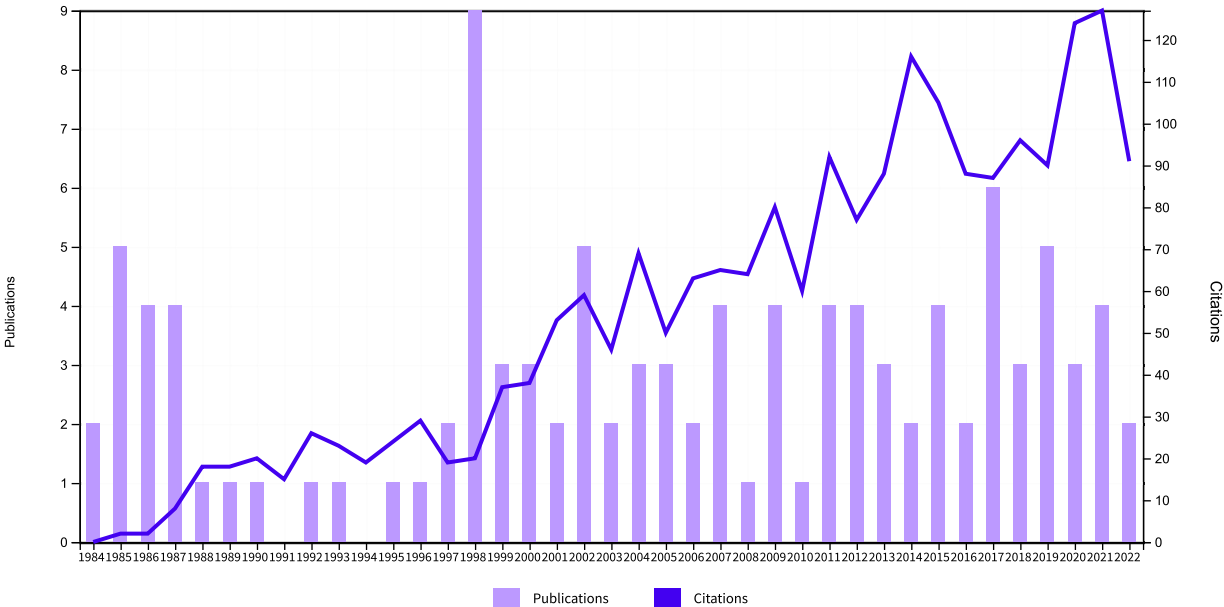
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⊖ 101	A PACKAGE OF COMPUTER-PROGRAMS DESIGNED TO ANALYZE PATCH-CLAMP DATA VLACHOVA, V 1987 PHYSIOLOGIA BOHEMOSLOVACA 36 (6) , pp.565-565					0	0	0	0	0	0	0
⊖ 102	SEPARATION OF SINGLE UNIT-ACTIVITY FROM CHRONIC MULTIPLE UNIT EMG RECORDINGS					0	0	0	0	0	0	0

	VLACHOVA, V ; KREKULE, J ; (...); VEJSADA, R 1986 <i>PHYSIOLOGIA BOHEMOSLOVACA</i> 35 (4) , pp.375-375						
⊖ 103	ACTION OF L-GLUTAMATE AND L-ASPARTATE ON SPINAL-CORD NEURONS IN CELL-CULTURE VYKLICKY, L ; VYKLICKY, L ; (...); MICHLE, J 1986 <i>PHYSIOLOGIA BOHEMOSLOVACA</i> 35 (4) , pp.375-375	0	0	0	0	0	0
⊖ 104	MECHANISM OF EXCITATORY AMINO-ACID ACTION ON THE CHICK SPINAL-CORD NEURONS MAINTAINED IN CELL-CULTURE VYKLICKY, L ; VYKLICKY, L ; (...); MICHLE, J 1986 <i>PHYSIOLOGIA BOHEMOSLOVACA</i> 35 (4) , pp.375-376	0	0	0	0	0	0
⊖ 105	SINGLE NON-INACTIVATING K⁺ CHANNELS IN THE MYOTUBES OF THE CHICK-EMBRYO IN TISSUE-CULTURE VYKLICKY, L ; VYKLICKY, L ; (...); VLACHOVA, V 1985 <i>GENERAL PHYSIOLOGY AND BIOPHYSICS</i> 4 (3) , pp.241-248	0	0	0	0	0	0
⊖ 106	ION CURRENTS IN NEURO-BLASTOMA CLON E-7 CELLS VYKLICKY, L ; VLACHOVA, V ; (...); VYSKOCIL, F 1985 <i>PHYSIOLOGIA BOHEMOSLOVACA</i> 34 (5) , pp.474-474	0	0	0	0	0	0
⊖ 107	SPONTANEOUS SYNAPTIC CURRENTS AT THE NEUROMUSCULAR-JUNCTION OF THE FLY (SARCOPHAGA-BULLATA) VYKLICKY, L ; VYSKOCIL, F ; (...); UJEC, E 1984 <i>PHYSIOLOGIA BOHEMOSLOVACA</i> 33 (3) , pp.290-291	0	0	0	0	0	0
⊖ 108	PATCH CLAMP STUDY OF VOLTAGE DEPENDENT K⁺ CHANNELS OF MYOTUBES FROM CHICK-EMBRYOS MAINTAINED INVITRO VYKLICKY, L ; VYKLICKY, L ; (...); UJEC, E 1984 <i>PHYSIOLOGIA BOHEMOSLOVACA</i> 33 (6) , pp.573-573	0	0	0	0	0	0

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