Helmut Kubista

List of Publications by Year
in descending order

Version: 2024-02-01

38 papers	987 citations	430442 18 h-index	454577 30 g-index
38 all docs	38 docs citations	38 times ranked	1391 citing authors

#	Article	IF	Citations
1	Fine Tuning of Sympathetic Transmitter Release via Ionotropic and Metabotropic Presynaptic Receptors. Pharmacological Reviews, 2002, 54, 43-99.	7.1	193
2	Detection Methods for Autoantibodies in Suspected Autoimmune Encephalitis. Frontiers in Neurology, 2018, 9, 841.	1.1	60
3	Annexin 5 mediates a peroxide-induced Ca2+ influx in B cells. Current Biology, 1999, 9, 1403-1408.	1.8	50
4	Concomitant facilitation of GABA_A receptors and K_V7 channels by the nonâ€opioid analgesic flupirtine. British Journal of Pharmacology, 2012, 166, 1631-1642.	2.7	45
5	Molecular mechanisms underlying the modulation of exocytotic noradrenaline release via presynaptic receptors. , 2006, 112, 213-242.		43
6	Enhanced currents through L-type calcium channels in cardiomyocytes disturb the electrophysiology of the dystrophic heart. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 306, H564-H573.	1.5	42
7	The anticonvulsant retigabine is a subtype selective modulator of <scp>GABA</scp>_A receptors. Epilepsia, 2015, 56, 647-657.	2.6	42
8	Inhibition of EGF-Dependent Calcium Influx by Annexin VI is Splice Form-Specific. Biochemical and Biophysical Research Communications, 1999, 260, 540-546.	1.0	35
9	CSTX-1, a toxin from the venom of the hunting spider Cupiennius salei, is a selective blocker of L-type calcium channels in mammalian neurons. Neuropharmacology, 2007, 52, 1650-1662.	2.0	35
10	Attenuation of the P2Y receptor-mediated control of neuronal Ca2+ channels in PC12 cells by antithrombotic drugs. British Journal of Pharmacology, 2003, 138, 343-350.	2.7	33
11	Evidence for structural and functional diversity among SDS-resistant SNARE complexes in neuroendocrine cells. Journal of Cell Science, 2004, 117, 955-966.	1.2	31
12	Rescue by 4-phenylbutyrate of several misfolded creatine transporter-1 variants linked to the creatine transporter deficiency syndrome. Neuropharmacology, 2019, 161, 107572.	2.0	29
13	Lipid-independent control of endothelial and neuronal TRPC3 channels by light. Chemical Science, 2019, 10, 2837-2842.	3.7	28
14	Phosphorylation regulates the sensitivity of voltageâ€gated Kv7.2 channels towards phosphatidylinositolâ€4,5â€bisphosphate. Journal of Physiology, 2017, 595, 759-776.	1.3	27
15	The Paroxysmal Depolarization Shift: Reconsidering Its Role in Epilepsy, Epileptogenesis and Beyond. International Journal of Molecular Sciences, 2019, 20, 577.	1.8	27
16	Sympathoexcitation by Bradykinin Involves Ca2+-Independent Protein Kinase C. Journal of Neuroscience, 2002, 22, 5823-5832.	1.7	25
17	Î´ Subunitâ€containing GABA_A receptors are preferred targets for the centrally acting analgesic flupirtine. British Journal of Pharmacology, 2015, 172, 4946-4958.	2.7	22
18	P2Y₁receptors mediate an activation of neuronal calcium-dependent K⁺channels. Journal of Physiology, 2010, 588, 3713-3725.	1.3	19

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19	The paroxysmal depolarization shift in epilepsy research. International Journal of Biochemistry and Cell Biology, 2019, 107, 77-81.	1.2	19
20	Characterisation of calcium signalling in DT40 chicken B-cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 1998, 1448, 299-310.	1.9	18
21	Dynamic interplay of excitatory and inhibitory coupling modes of neuronal L-type calcium channels. American Journal of Physiology - Cell Physiology, 2011, 300, C937-C949.	2.1	17
22	L-type Ca ²⁺ channelâ€“mediated Ca ²⁺ influx adjusts neuronal mitochondrial function to physiological and pathophysiological conditions. Science Signaling, 2020, 13, .	1.6	17
23	Cardiovascular phenotype of the Dmdmdx rat â€“ a suitable animal model for Duchenne muscular dystrophy. DMM Disease Models and Mechanisms, 2021, 14, .	1.2	17
24	Ca_v1.3 channels play a crucial role in the formation of paroxysmal depolarization shifts in cultured hippocampal neurons. Epilepsia, 2017, 58, 858-871.	2.6	16
25	Decreased inward rectifier potassium current I_{K1}in dystrophin-deficient ventricular cardiomyocytes. Channels, 2017, 11, 101-108.	1.5	15
26	Calcium current properties in dystrophin-deficient ventricular cardiomyocytes from aged mdx mice. Physiological Reports, 2018, 6, e13567.	0.7	15
27	Raised Activity of L-Type Calcium Channels Renders Neurons Prone to Form Paroxysmal Depolarization Shifts. NeuroMolecular Medicine, 2013, 15, 476-492.	1.8	13
28	Ca_v1.2 and Ca_v1.3 L-type calcium channels operate in a similar voltage range but show different coupling to Ca²⁺-dependent conductances in hippocampal neurons. American Journal of Physiology - Cell Physiology, 2014, 306, C1200-C1213.	2.1	12
29	Autoimmune Global Amnesia as Manifestation of AMPAR Encephalitis and Neuropathologic Findings. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, .	3.1	10
30	Proper Voltage-Dependent Ion Channel Function in Dysferlin-Deficient Cardiomyocytes. Cellular Physiology and Biochemistry, 2015, 36, 1049-1058.	1.1	9
31	Autoregulation in PC12 cells via P2Y receptors: Evidence for non-exocytotic nucleotide release from neuroendocrine cells. Purinergic Signalling, 2007, 3, 367-375.	1.1	7
32	Modulation of the heart's electrical properties by the anticonvulsant drug retigabine. Toxicology and Applied Pharmacology, 2017, 329, 309-317.	1.3	5
33	Neuronal nitric oxide synthase regulation of calcium cycling in ventricular cardiomyocytes is independent of Cav1.2 channel modulation under basal conditions. Pflugers Archiv European Journal of Physiology, 2020, 472, 61-74.	1.3	5
34	The Bradycardic Agent Ivabradine Acts as an Atypical Inhibitor of Voltage-Gated Sodium Channels. Frontiers in Pharmacology, 2022, 13, 809802.	1.6	3
35	Psilocybin Therapy of Psychiatric Disorders Is Not Hampered by hERG Potassium Channelâ€“Mediated Cardiotoxicity. International Journal of Neuropsychopharmacology, 2022, 25, 280-282.	1.0	2
36	Evidence for a Physiological Role of T-Type Ca Channels in Ventricular Cardiomyocytes of Adult Mice. Membranes, 2022, 12, 566.	1.4	1

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37	Current-clamp experiments on primary hippocampal neurons shed light on the role of L-type voltage-gated calcium channels in depolarization shifts. BMC Pharmacology, 2011, 11, .	0.4	0
38	On the Origin of Paroxysmal Depolarization Shifts: The Contribution of Cav1.x Channels as the Common Denominator of a Polymorphous Neuronal Discharge Pattern. Neuroscience, 2021, 468, 265-281.	1.1	0