

# Helmut Kubista

## List of Publications by Year in descending order

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38  
papers

987  
citations

430874

18  
h-index

454955

30  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1391  
citing authors

#	ARTICLE	IF	CITATIONS
1	Psilocybin Therapy of Psychiatric Disorders Is Not Hampered by hERG Potassium Channel-Mediated Cardiotoxicity. <i>International Journal of Neuropsychopharmacology</i> , 2022, 25, 280-282.	2.1	2
2	The Bradycardic Agent Ivabradine Acts as an Atypical Inhibitor of Voltage-Gated Sodium Channels. <i>Frontiers in Pharmacology</i> , 2022, 13, 809802.	3.5	3
3	Evidence for a Physiological Role of T-Type Ca Channels in Ventricular Cardiomyocytes of Adult Mice. <i>Membranes</i> , 2022, 12, 566.	3.0	1
4	Cardiovascular phenotype of the <i>Dmdmdx</i> rat – a suitable animal model for Duchenne muscular dystrophy. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	2.4	17
5	Autoimmune Global Amnesia as Manifestation of AMPAR Encephalitis and Neuropathologic Findings. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, .	6.0	10
6	On the Origin of Paroxysmal Depolarization Shifts: The Contribution of Cav1.x Channels as the Common Denominator of a Polymorphous Neuronal Discharge Pattern. <i>Neuroscience</i> , 2021, 468, 265-281.	2.3	0
7	Neuronal nitric oxide synthase regulation of calcium cycling in ventricular cardiomyocytes is independent of Cav1.2 channel modulation under basal conditions. <i>Pflugers Archiv European Journal of Physiology</i> , 2020, 472, 61-74.	2.8	5
8	L-type Ca <sup>2+</sup> channel-mediated Ca <sup>2+</sup> influx adjusts neuronal mitochondrial function to physiological and pathophysiological conditions. <i>Science Signaling</i> , 2020, 13, .	3.6	17
9	Lipid-independent control of endothelial and neuronal TRPC3 channels by light. <i>Chemical Science</i> , 2019, 10, 2837-2842.	7.4	28
10	The Paroxysmal Depolarization Shift: Reconsidering Its Role in Epilepsy, Epileptogenesis and Beyond. <i>International Journal of Molecular Sciences</i> , 2019, 20, 577.	4.1	27
11	Rescue by 4-phenylbutyrate of several misfolded creatine transporter-1 variants linked to the creatine transporter deficiency syndrome. <i>Neuropharmacology</i> , 2019, 161, 107572.	4.1	29
12	The paroxysmal depolarization shift in epilepsy research. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 107, 77-81.	2.8	19
13	Calcium current properties in dystrophin-deficient ventricular cardiomyocytes from aged mdx mice. <i>Physiological Reports</i> , 2018, 6, e13567.	1.7	15
14	Detection Methods for Autoantibodies in Suspected Autoimmune Encephalitis. <i>Frontiers in Neurology</i> , 2018, 9, 841.	2.4	60
15	Ca <sub>v</sub> 1.3 channels play a crucial role in the formation of paroxysmal depolarization shifts in cultured hippocampal neurons. <i>Epilepsia</i> , 2017, 58, 858-871.	5.1	16
16	Modulation of the heart's electrical properties by the anticonvulsant drug retigabine. <i>Toxicology and Applied Pharmacology</i> , 2017, 329, 309-317.	2.8	5
17	Decreased inward rectifier potassium current I <sub>K1</sub> in dystrophin-deficient ventricular cardiomyocytes. <i>Channels</i> , 2017, 11, 101-108.	2.8	15
18	Phosphorylation regulates the sensitivity of voltage-gated Kv7.2 channels towards phosphatidylinositol(4,5)bisphosphate. <i>Journal of Physiology</i> , 2017, 595, 759-776.	2.9	27

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19	Î Subunit-containing GABA <sub>A</sub> receptors are preferred targets for the centrally acting analgesic flupirtine. <i>British Journal of Pharmacology</i> , 2015, 172, 4946-4958.	5.4	22
20	Proper Voltage-Dependent Ion Channel Function in Dysferlin-Deficient Cardiomyocytes. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 1049-1058.	1.6	9
21	The anticonvulsant retigabine is a subtype selective modulator of GABA <sub>A</sub> receptors. <i>Epilepsia</i> , 2015, 56, 647-657.	5.1	42
22	Ca <sub>v</sub> 1.2 and Ca <sub>v</sub> 1.3 L-type calcium channels operate in a similar voltage range but show different coupling to Ca <sup>2+</sup> -dependent conductances in hippocampal neurons. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 306, C1200-C1213.	4.6	12
23	Enhanced currents through L-type calcium channels in cardiomyocytes disturb the electrophysiology of the dystrophic heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H564-H573.	3.2	42
24	Raised Activity of L-Type Calcium Channels Renders Neurons Prone to Form Paroxysmal Depolarization Shifts. <i>NeuroMolecular Medicine</i> , 2013, 15, 476-492.	3.4	13
25	Concomitant facilitation of GABA <sub>A</sub> receptors and K <sub>V</sub> 7 channels by the non-opioid analgesic flupirtine. <i>British Journal of Pharmacology</i> , 2012, 166, 1631-1642.	5.4	45
26	Current-clamp experiments on primary hippocampal neurons shed light on the role of L-type voltage-gated calcium channels in depolarization shifts. <i>BMC Pharmacology</i> , 2011, 11, .	0.4	0
27	Dynamic interplay of excitatory and inhibitory coupling modes of neuronal L-type calcium channels. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 300, C937-C949.	4.6	17
28	P2Y <sub>1</sub> receptors mediate an activation of neuronal calcium-dependent K <sup>+</sup> channels. <i>Journal of Physiology</i> , 2010, 588, 3713-3725.	2.9	19
29	CSTX-1, a toxin from the venom of the hunting spider <i>Cupiennius salei</i> , is a selective blocker of L-type calcium channels in mammalian neurons. <i>Neuropharmacology</i> , 2007, 52, 1650-1662.	4.1	35
30	Autoregulation in PC12 cells via P2Y receptors: Evidence for non-exocytotic nucleotide release from neuroendocrine cells. <i>Purinergic Signalling</i> , 2007, 3, 367-375.	2.2	7
31	Molecular mechanisms underlying the modulation of exocytotic noradrenaline release via presynaptic receptors. , 2006, 112, 213-242.		43
32	Evidence for structural and functional diversity among SDS-resistant SNARE complexes in neuroendocrine cells. <i>Journal of Cell Science</i> , 2004, 117, 955-966.	2.0	31
33	Attenuation of the P2Y receptor-mediated control of neuronal Ca <sup>2+</sup> channels in PC12 cells by antithrombotic drugs. <i>British Journal of Pharmacology</i> , 2003, 138, 343-350.	5.4	33
34	Sympathoexcitation by Bradykinin Involves Ca <sup>2+</sup> -Independent Protein Kinase C. <i>Journal of Neuroscience</i> , 2002, 22, 5823-5832.	3.6	25
35	Fine Tuning of Sympathetic Transmitter Release via Ionotropic and Metabotropic Presynaptic Receptors. <i>Pharmacological Reviews</i> , 2002, 54, 43-99.	16.0	193
36	Annexin 5 mediates a peroxide-induced Ca <sup>2+</sup> influx in B cells. <i>Current Biology</i> , 1999, 9, 1403-1408.	3.9	50

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37	Inhibition of EGF-Dependent Calcium Influx by Annexin VI is Splice Form-Specific. <i>Biochemical and Biophysical Research Communications</i> , 1999, 260, 540-546.	2.1	35
38	Characterisation of calcium signalling in DT40 chicken B-cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1998, 1448, 299-310.	4.1	18