

# Helmut Kubista

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | Fine Tuning of Sympathetic Transmitter Release via Ionotropic and Metabotropic Presynaptic Receptors. <i>Pharmacological Reviews</i> , 2002, 54, 43-99.   | 16.0 | 193       |
| 2  | Detection Methods for Autoantibodies in Suspected Autoimmune Encephalitis. <i>Frontiers in Neurology</i> , 2018, 9, 841.  | 2.4  | 60        |
| 3  | 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        |
| 4  | Concomitant facilitation of GABA <sub>A</sub> receptors and K <sub>V</sub> 7 channels by the non- $\mu$ -opioid analgesic flupirtine. <i>British Journal of Pharmacology</i> , 2012, 166, 1631-1642.                        | 5.4  | 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. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H564-H573. | 3.2  | 42        |
| 7  | The anticonvulsant retigabine is a subtype selective modulator of $\gamma$ -GABA <sub>A</sub> receptors. <i>Epilepsia</i> , 2015, 56, 647-657.  | 5.1  | 42        |
| 8  | 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        |
| 9  | 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        |
| 10 | 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        |
| 11 | 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        |
| 12 | 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        |
| 13 | Lipid-independent control of endothelial and neuronal TRPC3 channels by light. <i>Chemical Science</i> , 2019, 10, 2837-2842.   | 7.4  | 28        |
| 14 | 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        |
| 15 | 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        |
| 16 | Sympathoexcitation by Bradykinin Involves Ca <sup>2+</sup> -Independent Protein Kinase C. <i>Journal of Neuroscience</i> , 2002, 22, 5823-5832.   | 3.6  | 25        |
| 17 | $\alpha$ -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        |
| 18 | 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        |

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|----|--|-----|-----------|
| 19 | The paroxysmal depolarization shift in epilepsy research. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 107, 77-81.  | 2.8 | 19        |
| 20 | 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        |
| 21 | 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        |
| 22 | 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        |
| 23 | 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        |
| 24 | 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        |
| 25 | Decreased inward rectifier potassium current I <sub>K1</sub> in dystrophin-deficient ventricular cardiomyocytes. <i>Channels</i> , 2017, 11, 101-108.  | 2.8 | 15        |
| 26 | Calcium current properties in dystrophin-deficient ventricular cardiomyocytes from aged mdx mice. <i>Physiological Reports</i> , 2018, 6, e13567.  | 1.7 | 15        |
| 27 | 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        |
| 28 | 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        |
| 29 | Autoimmune Global Amnesia as Manifestation of AMPAR Encephalitis and Neuropathologic Findings. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, .  | 6.0 | 10        |
| 30 | Proper Voltage-Dependent Ion Channel Function in Dysferlin-Deficient Cardiomyocytes. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 1049-1058.  | 1.6 | 9         |
| 31 | 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         |
| 32 | 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         |
| 33 | 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         |
| 34 | 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         |
| 35 | 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         |
| 36 | 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         |

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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. | 2.3 | 0         |