

katuscia Martinello

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

653
citations

759233

12
h-index

677142

22
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22
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22
docs citations

22
times ranked

1127
citing authors

#	ARTICLE	IF	CITATIONS
1	Cholinergic Afferent Stimulation Induces Axonal Function Plasticity in Adult Hippocampal Granule Cells. <i>Neuron</i> , 2015, 85, 346-363.	8.1	92
2	Fractalkine/CX ₃ CL ₁ modulates GABA _A currents in human temporal lobe epilepsy. <i>Epilepsia</i> , 2013, 54, 1834-1844.	5.1	80
3	GABA _A -current rundown of temporal lobe epilepsy is associated with repetitive activation of GABA _A "phasic" receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20944-20948.	7.1	60
4	Homeostatic Control of Synaptic Activity by Endogenous Adenosine is Mediated by Adenosine Kinase. <i>Cerebral Cortex</i> , 2014, 24, 67-80.	2.9	54
5	Enhancement of GABA _A -current run-down in the hippocampus occurs at the first spontaneous seizure in a model of temporal lobe epilepsy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3180-3185.	7.1	49
6	PI3K β inhibition reduces blood pressure by a vasorelaxant Akt/L-type calcium channel mechanism. <i>Cardiovascular Research</i> , 2012, 93, 200-209.	3.8	43
7	HCN and KV7 (M-) channels as targets for epilepsy treatment. <i>Neuropharmacology</i> , 2013, 69, 75-81.	4.1	42
8	Crucial role of nicotinic $\alpha 5$ subunit variants for Ca ²⁺ fluxes in ventral midbrain neurons. <i>FASEB Journal</i> , 2015, 29, 3389-3398.	0.5	42
9	Adenosine receptor antagonists alter the stability of human epileptic GABA _A receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15118-15123.	7.1	41
10	Blockage of A _{2A} and A ₃ adenosine receptors decreases the desensitization of human GABA _A receptors microtransplanted to <i>Xenopus</i> oocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15927-15931.	7.1	26
11	Pathogenic point mutations in a transmembrane domain of the μ subunit increase the Ca ²⁺ permeability of the human endplate ACh receptor. <i>Journal of Physiology</i> , 2007, 579, 671-677.	2.9	23
12	The Trace Kynurenine, Cinnabarinic Acid, Displays Potent Antipsychotic-Like Activity in Mice and Its Levels Are Reduced in the Prefrontal Cortex of Individuals Affected by Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020, 46, 1471-1481.	4.3	20
13	The subthreshold-active KV7 current regulates neurotransmission by limiting spike-induced Ca ²⁺ influx in hippocampal mossy fiber synaptic terminals. <i>Communications Biology</i> , 2019, 2, 145.	4.4	19
14	Human iPSC Modeling of Genetic Febrile Seizure Reveals Aberrant Molecular and Physiological Features Underlying an Impaired Neuronal Activity. <i>Biomedicines</i> , 2022, 10, 1075.	3.2	10
15	Chronic neural interfacing with cerebral cortex using single-walled carbon nanotube-polymer grids. <i>Journal of Neural Engineering</i> , 2020, 17, 036032.	3.5	8
16	ATP-evoked intracellular Ca ²⁺ transients shape the ionic permeability of human microglia from epileptic temporal cortex. <i>Journal of Neuroinflammation</i> , 2021, 18, 44.	7.2	8
17	A Progressive Build-up of Perineuronal Nets in the Somatosensory Cortex Is Associated with the Development of Chronic Pain in Mice. <i>Journal of Neuroscience</i> , 2022, 42, 3037-3048.	3.6	8
18	Expression of the K ⁺ /Cl ⁻ cotransporter, KCC2, in cerebellar Purkinje cells is regulated by group-I metabotropic glutamate receptors. <i>Neuropharmacology</i> , 2017, 115, 51-59.	4.1	7

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19	Loss of constitutive functional γ -aminobutyric acid type A receptor crosstalk in layer 5 pyramidal neurons of human epileptic temporal cortex. <i>Epilepsia</i> , 2018, 59, 449-459.	5.1	7
20	User-Tailored Orthosis Design for 3D Printing with PLACTIVE: A Quick Methodology. <i>Crystals</i> , 2021, 11, 561.	2.2	7
21	Modulation of GABAergic dysfunction due to SCN1A mutation linked to Hippocampal Sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 1726-1731.	3.7	4
22	Novel N-aryl nicotinamide derivatives: Taking stock on 3,6-diazabicyclo[3.1.1]heptanes as ligands for neuronal acetylcholine receptors. <i>European Journal of Medicinal Chemistry</i> , 2019, 180, 51-61.	5.5	3