

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
all docs

22
docs citations

22
times ranked

1127
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | User-Tailored Orthosis Design for 3D Printing with PLACTIVE: A Quick Methodology. <i>Crystals</i> , 2021, 11, 561. | 2.2 | 7 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | Loss of constitutive functional Î³-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 |
| 11 | 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 |
| 12 | Cholinergic Afferent Stimulation Induces Axonal Function Plasticity in Adult Hippocampal Granule Cells. <i>Neuron</i> , 2015, 85, 346-363. | 8.1 | 92 |
| 13 | Crucial role of nicotinic Î±5 subunit variants for Ca ²⁺ fluxes in ventral midbrain neurons. <i>FASEB Journal</i> , 2015, 29, 3389-3398. | 0.5 | 42 |
| 14 | Homeostatic Control of Synaptic Activity by Endogenous Adenosine is Mediated by Adenosine Kinase. <i>Cerebral Cortex</i> , 2014, 24, 67-80. | 2.9 | 54 |
| 15 | Fractalkine/CX ₃ CL ₁ modulates GABA _A currents in human temporal lobe epilepsy. <i>Epilepsia</i> , 2013, 54, 1834-1844. | 5.1 | 80 |
| 16 | HCN and KV7 (M-) channels as targets for epilepsy treatment. <i>Neuropharmacology</i> , 2013, 69, 75-81. | 4.1 | 42 |
| 17 | PI3K inhibition reduces blood pressure by a vasorelaxant Akt/L-type calcium channel mechanism. <i>Cardiovascular Research</i> , 2012, 93, 200-209. | 3.8 | 43 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Blockage of A _{2A} and A ₃ adenosine receptors decreases the desensitization of human GABA _A receptors microtransplanted to <i>Xenopus</i> oocytes. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15927-15931. | 7.1 | 26 |
| 20 | Adenosine receptor antagonists alter the stability of human epileptic GABA _A receptors. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15118-15123. | 7.1 | 41 |
| 21 | GABA _A -current rundown of temporal lobe epilepsy is associated with repetitive activation of GABA _A "phasic" receptors. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20944-20948. | 7.1 | 60 |
| 22 | Pathogenic point mutations in a transmembrane domain of the Îµ subunit increase the Ca ²⁺ permeability of the human endplate ACh receptor. Journal of Physiology, 2007, 579, 671-677. | 2.9 | 23 |