

Vladimir Rancic

List of Publications by Year in descending order

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16
papers

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2005
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#	ARTICLE	IF	CITATIONS
1	NMDA Enhances and Glutamate Attenuates Synchrony of Spontaneous Phase-Locked Locus Coeruleus Network Rhythm in Newborn Rat Brain Slices. <i>Brain Sciences</i> , 2022, 12, 651.	2.3	2
2	Neuronal Mediators of the Frequency Increase Evoked by Activation of P2Y ₁ Receptors in the preBötzing Complex Inspiratory Rhythm Generating Network in Vitro. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
3	Recent Insights into the Rhythmogenic Core of the Locomotor CPG. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1394.	4.1	19
4	Mapping the Dynamic Recruitment of Spinal Neurons during Fictive Locomotion. <i>Journal of Neuroscience</i> , 2020, 40, 9692-9700.	3.6	13
5	A Bioluminescent Ca ²⁺ Indicator Based on a Topological Variant of GCaMP6s. <i>ChemBioChem</i> , 2019, 20, 516-520.	2.6	45
6	TARP mediation of accelerated and more regular locus coeruleus network bursting in neonatal rat brain slices. <i>Neuropharmacology</i> , 2019, 148, 169-177.	4.1	7
7	Using an upright preparation to identify and characterize locomotor related neurons across the transverse plane of the neonatal mouse spinal cord. <i>Journal of Neuroscience Methods</i> , 2019, 323, 90-97.	2.5	3
8	Receptor dependence of BDNF actions in superficial dorsal horn: relation to central sensitization and actions of macrophage colony stimulating factor 1. <i>Journal of Neurophysiology</i> , 2019, 121, 2308-2322.	1.8	19
9	Genetically encoded fluorescent indicators for imaging intracellular potassium ion concentration. <i>Communications Biology</i> , 2019, 2, 18.	4.4	110
10	Suction electrode recording in locus coeruleus of newborn rat brain slices reveals network bursting comprising summated non-synchronous spiking. <i>Neuroscience Letters</i> , 2018, 671, 103-107.	2.1	9
11	Characterization of Superficial Dorsal Horn Neurons from Tamamaki Mice and Stability of their CAD67-EGFP Phenotype in Defined-Medium Organotypic Culture. <i>Neuroscience</i> , 2018, 372, 126-140.	2.3	8
12	Release of ATP by preBötzing complex astrocytes contributes to the hypoxic ventilatory response via a Ca ²⁺ -dependent P2Y ₁ receptor mechanism. <i>Journal of Physiology</i> , 2018, 596, 3245-3269.	2.9	82
13	WT1-Expressing Interneurons Regulate Left-Right Alternation during Mammalian Locomotor Activity. <i>Journal of Neuroscience</i> , 2018, 38, 5666-5676.	3.6	45
14	A genetically encoded Ca ²⁺ indicator based on circularly permuted sea anemone red fluorescent protein eqFP578. <i>BMC Biology</i> , 2018, 16, 9.	3.8	83
15	Altered development in GABA release shapes glycinergic synaptic currents in cultured spinal slices of the SOD1 ^{G93A} mouse model of amyotrophic lateral sclerosis. <i>Journal of Physiology</i> , 2016, 594, 3827-3840.	2.9	25
16	Carbon nanotubes might improve neuronal performance by favouring electrical shortcuts. <i>Nature Nanotechnology</i> , 2009, 4, 126-133.	31.5	473