

Ariel Avila

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

584
citations

933447

10
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

897
citing authors

#	ARTICLE	IF	CITATIONS
1	Complex invasion pattern of the cerebral cortex by microglial cells during development of the mouse embryo. <i>Glia</i> , 2013, 61, 150-163.	4.9	170
2	Glycine receptors and brain development. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 184.	3.7	88
3	Glycine Receptor $\alpha 2$ Subunit Activation Promotes Cortical Interneuron Migration. <i>Cell Reports</i> , 2013, 4, 738-750.	6.4	74
4	Gut Microbiota Interaction with the Central Nervous System throughout Life. <i>Journal of Clinical Medicine</i> , 2021, 10, 1299.	2.4	47
5	Molecular Requirements for Ethanol Differential Allosteric Modulation of Glycine Receptors Based on Selective $G\hat{I}^{2/3}$ Modulation. <i>Journal of Biological Chemistry</i> , 2010, 285, 30203-30213.	3.4	44
6	Glycine receptors control the generation of projection neurons in the developing cerebral cortex. <i>Cell Death and Differentiation</i> , 2014, 21, 1696-1708.	11.2	33
7	Early Actions of Neurotransmitters During Cortex Development and Maturation of Reprogrammed Neurons. <i>Frontiers in Synaptic Neuroscience</i> , 2019, 11, 33.	2.5	27
8	Cerebral Cortical Circuitry Formation Requires Functional Glycine Receptors. <i>Cerebral Cortex</i> , 2017, 27, bhw025.	2.9	26
9	ADAM17 is a survival factor for microglial cells in vitro and in vivo after spinal cord injury in mice. <i>Cell Death and Disease</i> , 2013, 4, e954-e954.	6.3	25
10	Blockade of Ethanol-Induced Potentiation of Glycine Receptors by a Peptide That Interferes with $G\hat{I}^{2/3}$ Binding. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 331, 933-939.	2.5	22
11	Experimental early-life febrile seizures induce changes in GABA _A -mediated neurotransmission in the dentate gyrus. <i>Epilepsia</i> , 2012, 53, 1968-1977.	5.1	10
12	Mice lacking neuronal calcium sensor-1 show social and cognitive deficits. <i>Behavioural Brain Research</i> , 2020, 381, 112420.	2.2	9
13	Optogenetic Manipulation of Postsynaptic cAMP Using a Novel Transgenic Mouse Line Enables Synaptic Plasticity and Enhances Depolarization Following Tetanic Stimulation in the Hippocampal Dentate Gyrus. <i>Frontiers in Neural Circuits</i> , 2020, 14, 24.	2.8	6
14	Glycine Receptor Inhibition Differentially Affect Selected Neuronal Populations of the Developing Embryonic Cortex, as Evidenced by the Analysis of Spontaneous Calcium Oscillations. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8013.	4.1	2
15	Theil Entropy as a Non-Linear Analysis for Spectral Inequality of Physiological Oscillations. <i>Entropy</i> , 2022, 24, 370.	2.2	1
16	ISDN2014_0141: Disruption of cortical circuitry development in glycine receptor alpha 2 knockout mice. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 41-41.	1.6	0