

Marcello Melone

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9179280/publications.pdf>

Version: 2024-02-01

50
papers

2,909
citations

159585

30
h-index

206112

48
g-index

52
all docs

52
docs citations

52
times ranked

3314
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-canonical glutamate signaling in a genetic model of migraine with aura. <i>Neuron</i> , 2021, 109, 611-628.e8.	8.1	41
2	Nilotinib restores memory function by preventing dopaminergic neuron degeneration in a mouse model of Alzheimer's Disease. <i>Progress in Neurobiology</i> , 2021, 202, 102031.	5.7	46
3	Specific activation of GluN1-N2B NMDA receptors underlies facilitation of cortical spreading depression in a genetic mouse model of migraine with reduced astrocytic glutamate clearance. <i>Neurobiology of Disease</i> , 2021, 156, 105419.	4.4	14
4	Genetic deletion of $\alpha 7$ nicotinic acetylcholine receptors induces an age-dependent Alzheimer's disease-like pathology. <i>Progress in Neurobiology</i> , 2021, 206, 102154.	5.7	21
5	Microglial expression of GAT-1 in the cerebral cortex. <i>Glia</i> , 2020, 68, 646-655.	4.9	14
6	A Reappraisal of GAT-1 Localization in Neocortex. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 9.	3.7	27
7	Neuromodulatory Action of Picomolar Extracellular $A\beta_{242}$ Oligomers on Presynaptic and Postsynaptic Mechanisms Underlying Synaptic Function and Memory. <i>Journal of Neuroscience</i> , 2019, 39, 5986-6000.	3.6	71
8	Heterogeneity of Astrocytic and Neuronal GLT-1 at Cortical Excitatory Synapses, as Revealed by its Colocalization With Na ⁺ /K ⁺ -ATPase α Isoforms. <i>Cerebral Cortex</i> , 2019, 29, 3331-3350.	2.9	37
9	Interneuron-specific signaling evokes distinctive somatostatin-mediated responses in adult cortical astrocytes. <i>Nature Communications</i> , 2018, 9, 82.	12.8	88
10	The effect of amyloid- β peptide on synaptic plasticity and memory is influenced by different isoforms, concentrations, and aggregation status. <i>Neurobiology of Aging</i> , 2018, 71, 51-60.	3.1	55
11	GAT-1 mediated GABA uptake in rat oligodendrocytes. <i>Glia</i> , 2017, 65, 514-522.	4.9	18
12	In-vivo effects of knocking-down metabotropic glutamate receptor 5 in the SOD1 mouse model of amyotrophic lateral sclerosis. <i>Neuropharmacology</i> , 2017, 123, 433-445.	4.1	30
13	Defective glutamate and K ⁺ clearance by cortical astrocytes in familial hemiplegic migraine type 2. <i>EMBO Molecular Medicine</i> , 2016, 8, 967-986.	6.9	110
14	A quantitative analysis of cellular and synaptic localization of GAT-1 and GAT-3 in rat neocortex. <i>Brain Structure and Function</i> , 2015, 220, 885-897.	2.3	54
15	Plasma membrane transporters GAT-1 and GAT-3 contribute to heterogeneity of GABAergic synapses in neocortex. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 72.	1.7	17
16	Knocking down metabotropic glutamate receptor 1 improves survival and disease progression in the SOD1G93A mouse model of amyotrophic lateral sclerosis. <i>Neurobiology of Disease</i> , 2014, 64, 48-59.	4.4	42
17	Cellular and Synaptic Localization of EAAT2a in Human Cerebral Cortex. <i>Frontiers in Neuroanatomy</i> , 2011, 4, 151.	1.7	37
18	A Role for GAT-1 in Presynaptic GABA Homeostasis?. <i>Frontiers in Cellular Neuroscience</i> , 2011, 5, 2.	3.7	24

#	ARTICLE	IF	CITATIONS
19	Analysis of Synaptotagmin, SV2, and Rab3 Expression in Cortical Glutamatergic and GABAergic Axon Terminals. <i>Frontiers in Cellular Neuroscience</i> , 2011, 5, 32.	3.7	32
20	GLT-1 promoter activity in astrocytes and neurons of mouse hippocampus and somatic sensory cortex. <i>Frontiers in Neuroanatomy</i> , 2010, 3, 31.	1.7	37
21	Quantitative analysis of EAAT4 promoter activity in neurons and astrocytes of mouse somatic sensory cortex. <i>Neuroscience Letters</i> , 2010, 474, 42-45.	2.1	13
22	Synaptic localization of GLT-1a in the rat somatic sensory cortex. <i>Glia</i> , 2009, 57, 108-117.	4.9	78
23	GLT-1 upregulation impairs prepulse inhibition of the startle reflex in adult rats. <i>Glia</i> , 2009, 57, 703-713.	4.9	36
24	Upregulation of GLT-1 severely impairs LTD at mossy fibre-CA3 synapses. <i>Journal of Physiology</i> , 2009, 587, 4575-4588.	2.9	91
25	VGLUT1 and VGAT are sorted to the same population of synaptic vesicles in subsets of cortical axon terminals. <i>Journal of Neurochemistry</i> , 2009, 110, 1538-1546.	3.9	52
26	Acute phencyclidine administration reduces extracellular glutamate levels and the expression of synaptophysin and SNAP-25 in rat frontal cortex. <i>Schizophrenia Research</i> , 2009, 108, 288-289.	2.0	4
27	GLT-1 up-regulation enhances the effect of PCP on prepulse inhibition of the startle reflex in adult rats. <i>Schizophrenia Research</i> , 2009, 109, 196-197.	2.0	6
28	GLT-1 expression and Glu uptake in rat cerebral cortex are increased by phencyclidine. <i>Glia</i> , 2008, 56, 1320-1327.	4.9	29
29	Clozapine upregulates the expression of the vesicular GABA transporter (VGAT) in rat frontal cortex. <i>Molecular Psychiatry</i> , 2007, 12, 612-613.	7.9	10
30	The glutamine commute: Lost in the tube?. <i>Neurochemistry International</i> , 2006, 48, 459-464.	3.8	56
31	Localization of the Na ⁺ -coupled neutral amino acid transporter 2 in the cerebral cortex. <i>Neuroscience</i> , 2006, 140, 281-292.	2.3	40
32	GLT-1 down-regulation induced by clozapine in rat frontal cortex is associated with synaptophysin up-regulation. <i>Journal of Neurochemistry</i> , 2006, 99, 134-141.	3.9	32
33	Increased expression of the astrocytic glutamate transporter GLT-1 in the prefrontal cortex of schizophrenics. <i>Glia</i> , 2005, 49, 451-455.	4.9	115
34	Clozapine reduces GLT-1 expression and glutamate uptake in astrocyte cultures. <i>Glia</i> , 2005, 50, 276-279.	4.9	52
35	Light microscopic identification and immunocytochemical characterization of glutamatergic synapses in brain sections. <i>Journal of Comparative Neurology</i> , 2005, 492, 495-509.	1.6	94
36	Neuronal localization of the GABA transporter GAT-3 in human cerebral cortex: A procedural artifact?. <i>Journal of Chemical Neuroanatomy</i> , 2005, 30, 45-54.	2.1	25

#	ARTICLE	IF	CITATIONS
37	Localization of the Glutamine Transporter SNAT1 in Rat Cerebral Cortex and Neighboring Structures, With a Note on its Localization in Human Cortex. <i>Cerebral Cortex</i> , 2004, 14, 562-574.	2.9	60
38	GABA transporters in the mammalian cerebral cortex: localization, development and pathological implications. <i>Brain Research Reviews</i> , 2004, 45, 196-212.	9.0	313
39	Perisomatic glutamatergic axon terminals: a novel feature of cortical synaptology revealed by vesicular glutamate transporter 1 immunostaining. <i>Neuroscience</i> , 2004, 123, 547-556.	2.3	34
40	Clozapine-induced reduction of glutamate transport in the frontal cortex is not mediated by GLAST and EAAC1. <i>Molecular Psychiatry</i> , 2003, 8, 12-13.	7.9	30
41	Transient focal ischemia triggers neuronal expression of GAT-3 in the rat perilesional cortex. <i>Neurobiology of Disease</i> , 2003, 14, 120-132.	4.4	26
42	The expression of glutamate transporter GLT-1 in the rat cerebral cortex is down-regulated by the antipsychotic drug clozapine. <i>Molecular Psychiatry</i> , 2001, 6, 380-386.	7.9	93
43	Etorphine increases the number of μ -opioid receptor-positive cells in the cerebral cortex. <i>Neuroscience</i> , 2000, 100, 439-443.	2.3	2
44	Neuronal and Glial Localization of NR1 and NR2A/B Subunits of the NMDA Receptor in the Human Cerebral Cortex. <i>Cerebral Cortex</i> , 1999, 9, 110-120.	2.9	100
45	Neuronal, glial, and epithelial localization of γ -aminobutyric acid transporter 2, a high-affinity γ -aminobutyric acid plasma membrane transporter, in the cerebral cortex and neighboring structures. <i>Journal of Comparative Neurology</i> , 1999, 409, 482-494.	1.6	94
46	Neuronal and glial localization of GAT-1, a high-affinity γ -aminobutyric acid plasma membrane transporter, in human cerebral cortex: With a note on its distribution in monkey cortex. , 1998, 396, 51-63.		124
47	EAAC1, a high-affinity glutamate transporter, is localized to astrocytes and gabaergic neurons besides pyramidal cells in the rat cerebral cortex. <i>Cerebral Cortex</i> , 1998, 8, 108-116.	2.9	200
48	Neuronal and glial localization of NMDA receptors in the cerebral cortex. <i>Molecular Neurobiology</i> , 1997, 14, 1-18.	4.0	79
49	Presynaptic NMDA receptors in the neocortex are both auto- and heteroreceptors. <i>NeuroReport</i> , 1996, 7, 2773-2776.	1.2	80
50	Expression of NR1 and NR2A/B subunits of the NMDA receptor in cortical astrocytes. , 1996, 17, 254-258.		126