

Elisabetta Menna

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,249
citations

331538

21
h-index

345118

36
g-index

39
all docs

39
docs citations

39
times ranked

4232
citing authors

#	ARTICLE	IF	CITATIONS
1	Acid sphingomyelinase activity triggers microparticle release from glial cells. <i>EMBO Journal</i> , 2009, 28, 1043-1054.	3.5	499
2	The Microglial Innate Immune Receptor TREM2 Is Required for Synapse Elimination and Normal Brain Connectivity. <i>Immunity</i> , 2018, 48, 979-991.e8.	6.6	436
3	SNAP-25, a Known Presynaptic Protein with Emerging Postsynaptic Functions. <i>Frontiers in Synaptic Neuroscience</i> , 2016, 8, 7.	1.3	122
4	Brain-derived neurotrophic factor is an anterograde survival factor in the rat visual system. <i>Current Biology</i> , 2000, 10, 1155-1161.	1.8	111
5	Eps8 Regulates Axonal Filopodia in Hippocampal Neurons in Response to Brain-Derived Neurotrophic Factor (BDNF). <i>PLoS Biology</i> , 2009, 7, e1000138.	2.6	93
6	Neural differentiation of pluripotent cells in 3D alginate-based cultures. <i>Biomaterials</i> , 2014, 35, 4636-4645.	5.7	91
7	Reduced SNAP-25 alters short-term plasticity at developing glutamatergic synapses. <i>EMBO Reports</i> , 2013, 14, 645-651.	2.0	64
8	Prenatal interleukin 6 elevation increases glutamatergic synapse density and disrupts hippocampal connectivity in offspring. <i>Immunity</i> , 2021, 54, 2611-2631.e8.	6.6	63
9	A Novel Pathway for Presynaptic Mitogen-Activated Kinase Activation via AMPA Receptors. <i>Journal of Neuroscience</i> , 2005, 25, 1654-1663.	1.7	62
10	Reduced SNAP-25 increases PSD-95 mobility and impairs spine morphogenesis. <i>Cell Death and Differentiation</i> , 2015, 22, 1425-1436.	5.0	59
11	The Eps8/IRSp53/VASP Network Differentially Controls Actin Capping and Bundling in Filopodia Formation. <i>PLoS Computational Biology</i> , 2011, 7, e1002088.	1.5	56
12	Eps8 controls dendritic spine density and synaptic plasticity through its actin-capping activity. <i>EMBO Journal</i> , 2013, 32, 1730-1744.	3.5	54
13	Sphingosine-1-Phosphate (S1P) Impacts Presynaptic Functions by Regulating Synapsin I Localization in the Presynaptic Compartment. <i>Journal of Neuroscience</i> , 2016, 36, 4624-4634.	1.7	51
14	The anterogradely transported BDNF promotes retinal axon remodeling during eye specific segregation within the LGN. <i>Molecular and Cellular Neurosciences</i> , 2003, 24, 972-983.	1.0	47
15	A Role for Retinal Brain-Derived Neurotrophic Factor in Ocular Dominance Plasticity. <i>Current Biology</i> , 2005, 15, 2119-2124.	1.8	45
16	The Communication Between the Immune and Nervous Systems: The Role of IL-1 β in Synaptopathies. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 111.	1.4	45
17	Pentraxin 3 regulates synaptic function by inducing AMPA receptor clustering via ECM remodeling and α 1 β -integrin. <i>EMBO Journal</i> , 2019, 38, .	3.5	42
18	Lack of IL-1R8 in neurons causes hyperactivation of IL-1 receptor pathway and induces MECP2-dependent synaptic defects. <i>ELife</i> , 2017, 6, .	2.8	32

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19	Severe Intellectual Disability and Enhanced Gamma-Aminobutyric Acidergic Synaptogenesis in a Novel Model of Rare RASopathies. <i>Biological Psychiatry</i> , 2017, 81, 179-192.	0.7	30
20	Synaptic Interactome Mining Reveals p140Cap as a New Hub for PSD Proteins Involved in Psychiatric and Neurological Disorders. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 212.	1.4	30
21	Exogenous Alpha-Synuclein Alters Pre- and Post-Synaptic Activity by Fragmenting Lipid Rafts. <i>EBioMedicine</i> , 2016, 7, 191-204.	2.7	24
22	From filopodia to synapses: the role of actin capping and anti-capping proteins. <i>European Journal of Neuroscience</i> , 2011, 34, 1655-1662.	1.2	22
23	New Role of ATM in Controlling GABAergic Tone During Development. <i>Cerebral Cortex</i> , 2016, 26, 3879-3888.	1.6	20
24	VGLUT1/VGAT co-expression sustains glutamate-gaba co-release and is regulated by activity. <i>Journal of Cell Science</i> , 2015, 128, 1669-73.	1.2	19
25	Astrocytic Factors Controlling Synaptogenesis: A Team Play. <i>Cells</i> , 2020, 9, 2173.	1.8	19
26	Kainate Induces Mobilization of Synaptic Vesicles at the Growth Cone through the Activation of Protein Kinase A. <i>Cerebral Cortex</i> , 2013, 23, 531-541.	1.6	17
27	Expression of BCL-2 via adeno-associated virus vectors rescues thalamic neurons after visual cortex lesion in the adult rat. <i>European Journal of Neuroscience</i> , 2002, 15, 1271-1277.	1.2	15
28	p140Cap Regulates GABAergic Synaptogenesis and Development of Hippocampal Inhibitory Circuits. <i>Cerebral Cortex</i> , 2019, 29, 91-105.	1.6	13
29	The DNA repair protein ATM as a target in autism spectrum disorder. <i>JCI Insight</i> , 2021, 6, .	2.3	13
30	ERK signaling is required for eye-specific retino-geniculate segregation. <i>Development (Cambridge)</i> , 2004, 131, 3559-3570.	1.2	12
31	Intraocular delivery of BDNF following visual cortex lesion upregulates cytosolic branched chain aminotransferase (BCATc) in the rat dorsal lateral geniculate nucleus. <i>European Journal of Neuroscience</i> , 2004, 20, 580-586.	1.2	12
32	Sarcopenia associates with SNAP-25 SNPs and a miRNAs profile which is modulated by structured rehabilitation treatment. <i>Journal of Translational Medicine</i> , 2021, 19, 315.	1.8	11
33	Lack of the Actin Capping Protein, Eps8, Affects NMDA-Type Glutamate Receptor Function and Composition. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 313.	1.4	7
34	Dissecting the Shared and Context-Dependent Pathways Mediated by the p140Cap Adaptor Protein in Cancer and in Neurons. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 222.	1.8	7
35	Acid sphingomyelinase activity triggers microparticle release from glial cells. <i>EMBO Journal</i> , 2009, 28, 1374-1374.	3.5	2
36	Editorial on the Special Issue on SNARE Proteins: A Long Journey of Science in Brain Health and Disease. <i>Neuroscience</i> , 2019, 420, 1-3.	1.1	0

#	ARTICLE	IF	CITATIONS
37	Exposure to Environmental Factors rescues spine defects of Eps8 KO mice. Matters, 0, , .	1.0	0