Michela Matteoli

List of Publications by Year
in descending order

178 papers	15,720 citations	16791 66 h-index	20625 120 g-index
186 all docs	186 docs citations	186 times ranked	18558 citing authors

#	Article	IF	Citations
1	Neurological consequences of neurovascular unit and brain vasculature damages: potential risks for pregnancy infections and COVIDâ€19â€babies. FEBS Journal, 2022, 289, 3374-3392.	2.2	6
2	Integrating Primary Astrocytes in a Microfluidic Model of the Bloodâ€“Brain Barrier. Methods in Molecular Biology, 2022, , 225-240.	0.4	2
3	Strategies and Tools for Studying Microglial-Mediated Synapse Elimination and Refinement. Frontiers in Immunology, 2021, 12, 640937.	2.2	10
4	Feeling depressed? Keep calm, and watch microglia. Immunity, 2021, 54, 191-193.	6.6	1
5	The DNA repair protein ATM as a target in autism spectrum disorder. JCI Insight, 2021, 6, .	2.3	13
6	Mind your heart: the epigenetic consequences of heart failure on brain function. EMBO Molecular Medicine, 2021, 13, e13785.	3.3	0
7	Radiation and Adjuvant Drug-Loaded Liposomes target Glioblastoma Stem Cells and Trigger In-situ Immune Response. Neuro-Oncology Advances, 2021, 3, vdab076.	0.4	9
8	Brain mapping across 16 autism mouse models reveals a spectrum of functional connectivity subtypes. Molecular Psychiatry, 2021, 26, 7610-7620.	4.1	47
9	Reduced ccl11/eotaxin mediates the beneficial effects of environmental stimulation on the aged hippocampus. Brain, Behavior, and Immunity, 2021, 98, 234-244.	2.0	9
10	Identification of a choroid plexus vascular barrier closing during intestinal inflammation. Science, 2021, 374, 439-448.	6.0	115
11	Prenatal interleukin 6 elevation increases glutamatergic synapse density and disrupts hippocampal connectivity in offspring. Immunity, 2021, 54, 2611-2631.e8.	6.6	63
12	Environmental regulation of the chloride transporter KCC2: switching inflammation off to switch the GABA on?. Translational Psychiatry, 2020, 10, 349.	2.4	30
13	Mutant prion proteins increase calcium permeability of AMPA receptors, exacerbating excitotoxicity. PLoS Pathogens, 2020, 16, e1008654.	2.1	11
14	Intranasal delivery of mesenchymal stem cell-derived extracellular vesicles exerts immunomodulatory and neuroprotective effects in a 3xTg model of Alzheimer's disease. Stem Cells Translational Medicine, 2020, 9, 1068-1084.	1.6	130
15	Local externalization of phosphatidylserine mediates developmental synaptic pruning by microglia. EMBO Journal, 2020, 39, e105380.	3.5	217
16	Astrocytic Factors Controlling Synaptogenesis: A Team Play. Cells, 2020, 9, 2173.	1.8	19
17	Editorial on the Special Issue on SNARE Proteins: A Long Journey of Science in Brain Health and Disease. Neuroscience, 2019, 420, 1-3.	1.1	0
18	Intracerebral Injection of Extracellular Vesicles from Mesenchymal Stem Cells Exerts Reduced AÎ² Plaque Burden in Early Stages of a Preclinical Model of Alzheimerâ€™s Disease. Cells, 2019, 8, 1059.	1.8	80

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19	Dissecting the Shared and Context-Dependent Pathways Mediated by the p140Cap Adaptor Protein in Cancer and in Neurons. Frontiers in Cell and Developmental Biology, 2019, 7, 222.	1.8	7
20	A Microfluidic Human Model of Bloodâ€“Brain Barrier Employing Primary Human Astrocytes. Advanced Biology, 2019, 3, e1800335.	3.0	18
21	Early Exposure to a High-Fat Diet Impacts on Hippocampal Plasticity: Implication of Microglia-Derived Exosome-like Extracellular Vesicles. Molecular Neurobiology, 2019, 56, 5075-5094.	1.9	52
22	Pentraxin 3 regulates synaptic function by inducing AMPA receptor clustering via ECM remodeling andÂÎ²1â€integrin. EMBO Journal, 2019, 38, .	3.5	42
23	The Control of Neuronal Calcium Homeostasis by SNAP-25 and its Impact on Neurotransmitter Release. Neuroscience, 2019, 420, 72-78.	1.1	12
24	p140Cap Regulates GABAergic Synaptogenesis and Development of Hippocampal Inhibitory Circuits. Cerebral Cortex, 2019, 29, 91-105.	1.6	13
25	Synapsin I deletion reduces neuronal damage and ameliorates clinical progression of experimental autoimmune encephalomyelitis. Brain, Behavior, and Immunity, 2018, 68, 197-210.	2.0	3
26	Maternal Immune Activation Delays Excitatory-to-Inhibitory Gamma-Aminobutyric Acid Switch in Offspring. Biological Psychiatry, 2018, 83, 680-691.	0.7	72
27	Lack of the Actin Capping Protein, Eps8, Affects NMDA-Type Glutamate Receptor Function and Composition. Frontiers in Molecular Neuroscience, 2018, 11, 313.	1.4	7
28	The Communication Between the Immune and Nervous Systems: The Role of IL-1Î² in Synaptopathies. Frontiers in Molecular Neuroscience, 2018, 11, 111.	1.4	45
29	The Microglial Innate Immune Receptor TREM2 Is Required for Synapse Elimination and Normal Brain Connectivity. Immunity, 2018, 48, 979-991.e8.	6.6	436
30	Fingolimod Limits Acute AÎ² Neurotoxicity and Promotes Synaptic Versus Extrasynaptic NMDA Receptor Functionality in Hippocampal Neurons. Scientific Reports, 2017, 7, 41734.	1.6	27
31	A novel SYN1 missense mutation in non-syndromic X-linked intellectual disability affects synaptic vesicle life cycle, clustering and mobility. Human Molecular Genetics, 2017, 26, 4699-4714.	1.4	37
32	Severe Intellectual Disability and Enhanced Gamma-Aminobutyric Acidergic Synaptogenesis in a Novel Model of Rare RASopathies. Biological Psychiatry, 2017, 81, 179-192.	0.7	30
33	Synaptic Interactome Mining Reveals p140Cap as a New Hub for PSD Proteins Involved in Psychiatric and Neurological Disorders. Frontiers in Molecular Neuroscience, 2017, 10, 212.	1.4	30
34	Lack of IL-1R8 in neurons causes hyperactivation of IL-1 receptor pathway and induces MECP2-dependent synaptic defects. ELife, 2017, 6, .	2.8	32
35	SNAP-25, a Known Presynaptic Protein with Emerging Postsynaptic Functions. Frontiers in Synaptic Neuroscience, 2016, 8, 7.	1.3	122
36	Sphingosine-1-Phosphate (S1P) Impacts Presynaptic Functions by Regulating Synapsin I Localization in the Presynaptic Compartment. Journal of Neuroscience, 2016, 36, 4624-4634.	1.7	51

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37	New Role of ATM in Controlling GABAergic Tone During Development. Cerebral Cortex, 2016, 26, 3879-3888.	1.6	20
38	Functional Single-Chain Polymer Nanoparticles: Targeting and Imaging Pancreatic Tumors in Vivo. Biomacromolecules, 2016, 17, 3213-3221.	2.6	48
39	Astrocytes as secretory cells of the central nervous system: idiosyncrasies of vesicular secretion. EMBO Journal, 2016, 35, 239-257.	3.5	318
40	Amyloid-Î² 1â€“24 C-terminal truncated fragment promotes amyloid-Î² 1â€“42 aggregate formation in the healthy brain. Acta Neuropathologica Communications, 2016, 4, 110.	2.4	27
41	Exogenous Alpha-Synuclein Alters Pre- and Post-Synaptic Activity by Fragmenting Lipid Rafts. EBioMedicine, 2016, 7, 191-204.	2.7	24
42	Defects DuringMecp2Null Embryonic Cortex Development Precede the Onset of Overt Neurological Symptoms. Cerebral Cortex, 2016, 26, 2517-2529.	1.6	67
43	A Combined Approach Employing Chlorotoxin-Nanovectors and Low Dose Radiation To Reach Infiltrating Tumor Niches in Glioblastoma. ACS Nano, 2016, 10, 2509-2520.	7.3	69
44	Different attentional abilities among inbred mice strains using virtual object recognition task (VORT): SNAP25+/â^' mice as a model of attentional deficit. Behavioural Brain Research, 2016, 296, 393-400.	1.2	10
45	Ectonucleotidase activity and immunosuppression in astrocyte-CD4 T cell bidirectional signaling. Oncotarget, 2016, 7, 5143-5156.	0.8	15
46	Active endocannabinoids are secreted on the surface of microglial microvesicles. SpringerPlus, 2015, 4, L29.	1.2	11
47	Subventricular zone neural progenitors reverse TNF-alpha effects in cortical neurons. Stem Cell Research and Therapy, 2015, 6, 166.	2.4	5
48	mApoE-Functionalized Nanoliposomes Delivering Doxorubicin and Ultrasmall Superparamagnetic Iron Oxide to Glioblastoma Cells Characterized by TEM and Confocal Microscopy. Microscopy and Microanalysis, 2015, 21, 559-560.	0.2	0
49	Effect of extracellular vesicles derived from distinct brain cells on AÎ² toxicity and assembly: focus on Microglia derived vesicles. SpringerPlus, 2015, 4, .	1.2	0
50	Association between SNAP-25 gene polymorphisms and cognition in autism: functional consequences and potential therapeutic strategies. Translational Psychiatry, 2015, 5, e500-e500.	2.4	76
51	VGLUT1/VGAT co-expression sustains glutamate-gaba co-release and is regulated by activity. Journal of Cell Science, 2015, 128, 1669-73.	1.2	19
52	Reduced SNAP-25 increases PSD-95 mobility and impairs spine morphogenesis. Cell Death and Differentiation, 2015, 22, 1425-1436.	5.0	59
53	Active endocannabinoids are secreted on extracellular membrane vesicles. EMBO Reports, 2015, 16, 213-220.	2.0	182
54	LRRK2 kinase activity regulates synaptic vesicle trafficking and neurotransmitter release through modulation of LRRK2 macro-molecular complex. Frontiers in Molecular Neuroscience, 2014, 7, 49.	1.4	82

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55	A soluble biocompatible guanidine-containing polyamidoamine as promoter of primary brain cell adhesion andin vitrocell culturing. Science and Technology of Advanced Materials, 2014, 15, 045007.	2.8	14
56	Leucine-Rich Repeat Kinase 2 Binds to Neuronal Vesicles through Protein Interactions Mediated by Its C-Terminal WD40 Domain. Molecular and Cellular Biology, 2014, 34, 2147-2161.	1.1	91
57	Testing AÎ² toxicity on primary CNS cultures using drug-screening microfluidic chips. Lab on A Chip, 2014, 14, 2860-2866.	3.1	39
58	Physico-chemical and toxicological characterization of iron-containing albumin nanoparticles as platforms for medical imaging. Journal of Controlled Release, 2014, 194, 130-137.	4.8	18
59	Microglia convert aggregated amyloid-Î² into neurotoxic forms through the shedding of microvesicles. Cell Death and Differentiation, 2014, 21, 582-593.	5.0	219
60	Epileptiform Activity and Cognitive Deficits in SNAP-25+/â^' Mice are Normalized by Antiepileptic Drugs. Cerebral Cortex, 2014, 24, 364-376.	1.6	78
61	Myeloid microvesicles in cerebrospinal fluid are associated with myelin damage and neuronal loss in mild cognitive impairment and <scp>A</scp>lzheimer disease. Annals of Neurology, 2014, 76, 813-825.	2.8	91
62	p140Cap Regulates Memory and Synaptic Plasticity through Src-Mediated and Citron-N-Mediated Actin Reorganization. Journal of Neuroscience, 2014, 34, 1542-1553.	1.7	54
63	Pharmacology on microfluidics: multimodal analysis for studying cellâ€“cell interaction. Current Opinion in Pharmacology, 2013, 13, 821-828.	1.7	10
64	A Simple Method to Generate Adipose Stem Cell-Derived Neurons for Screening Purposes. Journal of Molecular Neuroscience, 2013, 51, 274-281.	1.1	12
65	Nitric oxide synthase mediates PC12 differentiation induced by the surface topography of nanostructured TiO2. Journal of Nanobiotechnology, 2013, 11, 35.	4.2	59
66	SNAP-25 regulates spine formation through postsynaptic binding to p140Cap. Nature Communications, 2013, 4, 2136.	5.8	69
67	Nanostructured TiO2 surfaces promote polarized activation of microglia, but not astrocytes, toward a proinflammatory profile. Nanoscale, 2013, 5, 10963.	2.8	22
68	Classical and unconventional pathways of vesicular release in microglia. Glia, 2013, 61, 1003-1017.	2.5	72
69	Reduced SNAPâ€25 alters shortâ€term plasticity at developing glutamatergic synapses. EMBO Reports, 2013, 14, 645-651.	2.0	64
70	Kainate Induces Mobilization of Synaptic Vesicles at the Growth Cone through the Activation of Protein Kinase A. Cerebral Cortex, 2013, 23, 531-541.	1.6	17
71	Eps8 controls dendritic spine density and synaptic plasticity through its actin-capping activity. EMBO Journal, 2013, 32, 1730-1744.	3.5	54
72	Boron Nitride Nanotube-Mediated Stimulation of Cell Co-Culture on Micro-Engineered Hydrogels. PLoS ONE, 2013, 8, e71707.	1.1	66

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73	Cracking Down on Inhibition: Selective Removal of GABAergic Interneurons from Hippocampal Networks. Journal of Neuroscience, 2012, 32, 1989-2001.	1.7	40
74	Microvesicles released from microglia stimulate synaptic activity via enhanced sphingolipid metabolism. EMBO Journal, 2012, 31, 1231-1240.	3.5	266
75	Myeloid microvesicles are a marker and therapeutic target for neuroinflammation. Annals of Neurology, 2012, 72, 610-624.	2.8	277
76	Overflow Microfluidic Networks: Application to the Biochemical Analysis of Brain Cell Interactions in Complex Neuroinflammatory Scenarios. Analytical Chemistry, 2012, 84, 9833-9840.	3.2	25
77	Mutant PrP Suppresses Glutamatergic Neurotransmission in Cerebellar Granule Neurons by Impairing Membrane Delivery of VGCC Î±2Î´-1 Subunit. Neuron, 2012, 74, 300-313.	3.8	64
78	Biocompatible nanocomposite for PET/MRI hybrid imaging. International Journal of Nanomedicine, 2012, 7, 6021.	3.3	52
79	Microglial microvesicle secretion and intercellular signaling. Frontiers in Physiology, 2012, 3, 149.	1.3	149
80	TIâ€VAMP/VAMP7 is the SNARE of secretory lysosomes contributing to ATP secretion from astrocytes. Biology of the Cell, 2012, 104, 213-228.	0.7	79
81	SNAP-25 single nucleotide polymorphisms are associated with hyperactivity in autism spectrum disorders. Pharmacological Research, 2011, 64, 283-288.	3.1	54
82	Hydrogel for Cell Housing in the Brain and in the Spinal Cord. International Journal of Artificial Organs, 2011, 34, 295-303.	0.7	19
83	From filopodia to synapses: the role of actinâ€capping and antiâ€capping proteins. European Journal of Neuroscience, 2011, 34, 1655-1662.	1.2	22
84	ATP in neuronâ€“glia bidirectional signalling. Brain Research Reviews, 2011, 66, 106-114.	9.1	45
85	Rapid prototyping of nano- and micro-patterned substrates for the control of cell neuritogenesis by topographic and chemical cues. Materials Science and Engineering C, 2011, 31, 892-899.	3.8	19
86	Inactivation kinetics of voltage-gated calcium channels in glutamatergic neurons are influenced by SNAP-25. Channels, 2011, 5, 304-307.	1.5	13
87	LRRK2 Controls Synaptic Vesicle Storage and Mobilization within the Recycling Pool. Journal of Neuroscience, 2011, 31, 2225-2237.	1.7	240
88	The Eps8/IRSp53/VASP Network Differentially Controls Actin Capping and Bundling in Filopodia Formation. PLoS Computational Biology, 2011, 7, e1002088.	1.5	56
89	A microfluidic device for depositing and addressing two cell populations with intercellular population communication capability. Biomedical Microdevices, 2010, 12, 275-282.	1.4	17
90	Intrinsic calcium dynamics control botulinum toxin A susceptibility in distinct neuronal populations. Cell Calcium, 2010, 47, 419-424.	1.1	17

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91	Endogenous SNAP-25 Regulates Native Voltage-gated Calcium Channels in Glutamatergic Neurons. Journal of Biological Chemistry, 2010, 285, 24968-24976.	1.6	60
92	Cholesterol reduction impairs exocytosis of synaptic vesicles. Journal of Cell Science, 2010, 123, 595-605.	1.2	167
93	Overflow Microfluidic Networks for Open and Closed Cell Cultures on Chip. Analytical Chemistry, 2010, 82, 3936-3942.	3.2	18
94	Eps8 Regulates Axonal Filopodia in Hippocampal Neurons in Response to Brain-Derived Neurotrophic Factor (BDNF). PLoS Biology, 2009, 7, e1000138.	2.6	93
95	Different properties of P2X7 receptor in hippocampal and cortical astrocytes. Purinergic Signalling, 2009, 5, 233-240.	1.1	35
96	Acid sphingomyelinase activity triggers microparticle release from glial cells. EMBO Journal, 2009, 28, 1374-1374.	3.5	2
97	Acid sphingomyelinase activity triggers microparticle release from glial cells. EMBO Journal, 2009, 28, 1043-1054.	3.5	499
98	SNAPâ€25 in Neuropsychiatric Disorders. Annals of the New York Academy of Sciences, 2009, 1152, 93-99.	1.8	98
99	VGLUT1 and VGAT are sorted to the same population of synaptic vesicles in subsets of cortical axon terminals. Journal of Neurochemistry, 2009, 110, 1538-1546.	2.1	52
100	The synaptic split of SNAP-25: Different roles in glutamatergic and GABAergic neurons?. Neuroscience, 2009, 158, 223-230.	1.1	33
101	Neuropsycological gender differences in healthy individuals and in pediatric neurodevelopmental disorders. A role for SNAP-25. Medical Hypotheses, 2009, 73, 978-980.	0.8	16
102	Controlled deposition of cells in sealed microfluidics using flow velocity boundaries. Lab on A Chip, 2009, 9, 1395.	3.1	14
103	Heterogeneous expression of SNAPâ€25 in rat and human brain. Journal of Comparative Neurology, 2008, 506, 373-386.	0.9	50
104	Heterogeneous expression of SNAP-25 in rat and human brain. Journal of Comparative Neurology, 2008, 506, spc1-spc1.	0.9	1
105	Heterogeneous expression of SNAP-25 in rat and human brain. Journal of Comparative Neurology, 2008, 506, spc1-spc1.	0.9	0
106	Calpain activity contributes to the control of SNAP-25 levels in neurons. Molecular and Cellular Neurosciences, 2008, 39, 314-323.	1.0	18
107	Activity-dependent phosphorylation of Ser187 is required for SNAP-25-negative modulation of neuronal voltage-gated calcium channels. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 323-328.	3.3	102
108	Unique Luminal Localization of VGAT-C Terminus Allows for Selective Labeling of Active Cortical GABAergic Synapses. Journal of Neuroscience, 2008, 28, 13125-13131.	1.7	87

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109	Uptake and recycling of pro-BDNF for transmitter-induced secretion by cortical astrocytes. Journal of Cell Biology, 2008, 183, 213-221.	2.3	155
110	Engineering injured spinal cord with bone marrow-derived stem cells and hydrogel-based matrices: a glance at the state of the art. Journal of Applied Biomaterials and Biomechanics, 2008, 6, 1-8.	0.4	6
111	Hardwiring the Brain: Endocannabinoids Shape Neuronal Connectivity. Science, 2007, 316, 1212-1216.	6.0	463
112	Traffic of Botulinum Toxins A and E in Excitatory and Inhibitory Neurons. Traffic, 2007, 8, 142-153.	1.3	87
113	Cross talk between vestibular neurons and Schwann cells mediates BDNF release and neuronal regeneration. Brain Cell Biology, 2007, 35, 187-201.	3.5	42
114	A role for P2X7in microglial proliferation. Journal of Neurochemistry, 2006, 99, 745-758.	2.1	127
115	Hippocampal neurons recycle BDNF for activity-dependent secretion and LTP maintenance. EMBO Journal, 2006, 25, 4372-4380.	3.5	102
116	Entering neurons: botulinum toxins and synaptic vesicle recycling. EMBO Reports, 2006, 7, 995-999.	2.0	87
117	Synaptobrevin2-expressing vesicles in rat astrocytes: insights into molecular characterization, dynamics and exocytosis. Journal of Physiology, 2006, 570, 567-582.	1.3	116
118	Vesicular transmitter release from astrocytes. Glia, 2006, 54, 700-715.	2.5	291
119	Regulation of peripheral T cell activation by calreticulin. Journal of Experimental Medicine, 2006, 203, 461-471.	4.2	39
120	Regulation of peripheral T cell activation by calreticulin. Journal of Cell Biology, 2006, 172, i11-i11.	2.3	0
121	A Novel Pathway for Presynaptic Mitogen-Activated Kinase Activation via AMPA Receptors. Journal of Neuroscience, 2005, 25, 1654-1663.	1.7	62
122	Astrocyte-Derived ATP Induces Vesicle Shedding and IL-1Î² Release from Microglia. Journal of Immunology, 2005, 174, 7268-7277.	0.4	514
123	Internalization and Mechanism of Action of Clostridial Toxins in Neurons. NeuroToxicology, 2005, 26, 761-767.	1.4	98
124	Pathophysiological roles of extracellular nucleotides in glial cells: differential expression of purinergic receptors in resting and activated microglia. Brain Research Reviews, 2005, 48, 144-156.	9.1	143
125	Analysis of SNAP-25 immunoreactivity in hippocampal inhibitory neurons during development in culture and in situ. Neuroscience, 2005, 131, 813-823.	1.1	62
126	Glutamate-mediated overexpression of CD38 in astrocytes cultured with neurones. Journal of Neurochemistry, 2004, 89, 264-272.	2.1	52

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127	Vesicle turnover in developing neurons: how to build a presynaptic terminal. Trends in Cell Biology, 2004, 14, 133-140.	3.6	39
128	SNAP-25 Modulation of Calcium Dynamics Underlies Differences in GABAergic and Glutamatergic Responsiveness to Depolarization. Neuron, 2004, 41, 599-610.	3.8	192
129	Presynaptic AMPA receptors: more than just ion channels?. Biology of the Cell, 2004, 96, 257-260.	0.7	16
130	Regulated delivery of AMPA receptor subunits to the presynaptic membrane. EMBO Journal, 2003, 22, 558-568.	3.5	48
131	Nucleotide-mediated calcium signaling in rat cortical astrocytes: Role of P2X and P2Y receptors. Glia, 2003, 43, 218-230.	2.5	235
132	Storage and Release of ATP from Astrocytes in Culture. Journal of Biological Chemistry, 2003, 278, 1354-1362.	1.6	441
133	Localization and Functional Relevance of System A Neutral Amino Acid Transporters in Cultured Hippocampal Neurons. Journal of Biological Chemistry, 2002, 277, 10467-10473.	1.6	60
134	Calcium-dependent Cleavage of Endogenous Wild-type Huntingtin in Primary Cortical Neurons. Journal of Biological Chemistry, 2002, 277, 39594-39598.	1.6	73
135	Block of Glutamate-Glutamine Cycle Between Astrocytes and Neurons Inhibits Epileptiform Activity in Hippocampus. Journal of Neurophysiology, 2002, 88, 2302-2310.	0.9	85
136	Spatial and Temporal Regulation of Ca²⁺/Calmodulin-Dependent Protein Kinase II Activity in Developing Neurons. Journal of Neuroscience, 2002, 22, 7016-7026.	1.7	43
137	Internalization and Proteolytic Action of Botulinum Toxins in CNS Neurons and Astrocytes. Journal of Neurochemistry, 2002, 73, 372-379.	2.1	62
138	A Common Exocytotic Mechanism Mediates Axonal and Dendritic Outgrowth. Journal of Neuroscience, 2001, 21, 3830-3838.	1.7	142
139	Chronic Blockade of Glutamate Receptors Enhances Presynaptic Release and Downregulates the Interaction between Synaptophysin-Synaptobrevinâ€“Vesicle-Associated Membrane Protein 2. Journal of Neuroscience, 2001, 21, 6588-6596.	1.7	110
140	Evidence of a role for cyclic ADP-ribose in calcium signalling and neurotransmitter release in cultured astrocytes. Journal of Neurochemistry, 2001, 78, 646-657.	2.1	117
141	ATP Mediates Calcium Signaling Between Astrocytes and Microglial Cells: Modulation by IFN-Î³. Journal of Immunology, 2001, 166, 6383-6391.	0.4	221
142	Neurotoxins Affecting Neuroexocytosis. Physiological Reviews, 2000, 80, 717-766.	13.1	1,141
143	Different Localizations and Functions of L-Type and N-Type Calcium Channels during Development of Hippocampal Neurons. Developmental Biology, 2000, 227, 581-594.	0.9	78
144	Subcellular Localization of Tetanus Neurotoxin-Insensitive Vesicle-Associated Membrane Protein (VAMP)/VAMP7 in Neuronal Cells: Evidence for a Novel Membrane Compartment. Journal of Neuroscience, 1999, 19, 9803-9812.	1.7	100

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145	Tetanus Toxin Blocks the Exocytosis of Synaptic Vesicles Clustered at Synapses But Not of Synaptic Vesicles in Isolated Axons. Journal of Neuroscience, 1999, 19, 6723-6732.	1.7	83
146	A Regulated Secretory Pathway in Cultured Hippocampal Astrocytes. Journal of Biological Chemistry, 1999, 274, 22539-22547.	1.6	142
147	Synaptic and intrinsic mechanisms shape synchronous oscillations in hippocampal neurons in culture. European Journal of Neuroscience, 1999, 11, 389-397.	1.2	108
148	Astrocytes are required for the oscillatory activity in cultured hippocampal neurons. European Journal of Neuroscience, 1999, 11, 2793-2800.	1.2	43
149	Synaptogenesis in hippocampal cultures. Cellular and Molecular Life Sciences, 1999, 55, 1448-1462.	2.4	50
150	The role of glial cells in synaptic function. Philosophical Transactions of the Royal Society B: Biological Sciences, 1999, 354, 403-409.	1.8	84
151	Calcium Dependence of Synaptic Vesicle Recycling Before and After Synaptogenesis. Journal of Neurochemistry, 1998, 71, 1987-1992.	2.1	23
152	Non-synaptic Localization of the Glutamate Transporter EAACI in Cultured Hippocampal Neurons. European Journal of Neuroscience, 1997, 9, 1902-1910.	1.2	84
153	Maturation of Pre- and Post-Synaptic Compartments in Hippocampal Neurons Developing in Culture. , 1997, , 133-143.		0
154	Synaptic vesicle endocytosis mediates the entry of tetanus neurotoxin into hippocampal neurons. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 13310-13315.	3.3	126
155	Calcium-dependent glutamate release during neuronal development and synaptogenesis: different involvement of omega-agatoxin IVA- and omega-conotoxin GVIA-sensitive channels.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 6449-6453.	3.3	63
156	Mechanisms of synaptogenesis in hippocampal neurons in primary culture. Journal of Physiology (Paris), 1995, 89, 51-55.	2.1	25
157	Synaptic vesicle dynamics in living cultured hippocampal neurons visualized with CY3-conjugated antibodies directed against the lumenal domain of synaptotagmin. Journal of Neuroscience, 1995, 15, 4328-4342.	1.7	263
158	A radioimmunoassay to monitor synaptic activity in hippocampal neurons in vitro. European Journal of Cell Biology, 1995, 66, 246-56.	1.6	20
159	Morphologic and biochemical analysis of the intracellular trafficking of the Alzheimer beta/A4 amyloid precursor protein. Journal of Neuroscience, 1994, 14, 3122-3138.	1.7	164
160	Spatial changes in calcium signaling during the establishment of neuronal polarity and synaptogenesis.. Journal of Cell Biology, 1994, 126, 1527-1536.	2.3	46
161	Synaptic vesicle proteins and early endosomes in cultured hippocampal neurons: differential effects of Brefeldin A in axon and dendrites. Journal of Cell Biology, 1993, 122, 1207-1221.	2.3	146
162	Exo-Endocytotic Recycling of Synaptic Vesicles in Developing Neurons. , 1993, , 153-163.		0

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163	Exo-endocytotic recycling of synaptic vesicles in developing processes of cultured hippocampal neurons. Journal of Cell Biology, 1992, 117, 849-861.	2.3	307
164	Primary structure and cellular localization of chicken brain myosin-V (p190), an unconventional myosin with calmodulin light chains.. Journal of Cell Biology, 1992, 119, 1541-1557.	2.3	345
165	Isoforms of the Na,K-ATPase are present in both axons and dendrites of hippocampal neurons in culture.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 8414-8418.	3.3	142
166	Molecular mechanisms in neurotransmitter release. Current Opinion in Neurobiology, 1991, 1, 91-97.	2.0	26
167	GABA and pancreatic beta-cells: colocalization of glutamic acid decarboxylase (GAD) and GABA with synaptic-like microvesicles suggests their role in GABA storage and secretion.. EMBO Journal, 1991, 10, 1275-1284.	3.5	350
168	Association of Rab3A with synaptic vesicles at late stages of the secretory pathway.. Journal of Cell Biology, 1991, 115, 625-633.	2.3	230
169	GABA and pancreatic beta-cells: colocalization of glutamic acid decarboxylase (GAD) and GABA with synaptic-like microvesicles suggests their role in GABA storage and secretion. EMBO Journal, 1991, 10, 1275-84.	3.5	143
170	Developmentally regulated expression of calcitonin gene-related peptide at mammalian neuromuscular junction. Journal of Molecular Neuroscience, 1990, 2, 175-184.	1.1	41
171	Substance P-like immunoreactivity at the frog neuromuscular junction. Neuroscience, 1990, 37, 271-275.	1.1	26
172	Secretory Organelles of Neurons and their Relationship to Organelles of Other Cells. , 1990, , 1-12.		1
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174	Secretory organelles of neurons and their relationship to organelles of other cells. Cell Biology International Reports, 1989, 13, 981-992.	0.7	15
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