

Menahem Segal

List of Publications by Year in descending order

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138
papers

10,897
citations

22132

59
h-index

31818

101
g-index

141
all docs

141
docs citations

141
times ranked

9744
citing authors

#	ARTICLE	IF	CITATIONS
1	ATP Released from Astrocytes Mediates Glial Calcium Waves. <i>Journal of Neuroscience</i> , 1999, 19, 520-528.	1.7	730
2	Estradiol Increases Dendritic Spine Density by Reducing GABA Neurotransmission in Hippocampal Neurons. <i>Journal of Neuroscience</i> , 1998, 18, 2550-2559.	1.7	439
3	Dendritic spines and long-term plasticity. <i>Nature Reviews Neuroscience</i> , 2005, 6, 277-284.	4.9	425
4	Dendritic Spines: The Locus of Structural and Functional Plasticity. <i>Physiological Reviews</i> , 2014, 94, 141-188.	13.1	399
5	Regulation of Dendritic Spine Density in Cultured Rat Hippocampal Neurons by Steroid Hormones. <i>Journal of Neuroscience</i> , 1996, 16, 4059-4068.	1.7	372
6	Neurotrophins Induce Formation of Functional Excitatory and Inhibitory Synapses between Cultured Hippocampal Neurons. <i>Journal of Neuroscience</i> , 1998, 18, 7256-7271.	1.7	327
7	Morphological analysis of dendritic spine development in primary cultures of hippocampal neurons. <i>Journal of Neuroscience</i> , 1995, 15, 1-11.	1.7	315
8	Morphological plasticity of dendritic spines in central neurons is mediated by activation of cAMP response element binding protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 1482-1487.	3.3	303
9	Independent regulation of calcium revealed by imaging dendritic spines. <i>Nature</i> , 1991, 354, 76-80.	13.7	253
10	Brain-derived neurotrophic factor mediates estradiol-induced dendritic spine formation in hippocampal neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 11412-11417.	3.3	221
11	Striking Variations in Corticosteroid Modulation of Long-Term Potentiation along the Septotemporal Axis of the Hippocampus. <i>Journal of Neuroscience</i> , 2007, 27, 5757-5765.	1.7	210
12	Stress In Utero: Prenatal Programming of Brain Plasticity and Cognition. <i>Biological Psychiatry</i> , 2015, 78, 315-326.	0.7	188
13	Hydrogen Peroxide Modulation of Synaptic Plasticity. <i>Journal of Neuroscience</i> , 2003, 23, 269-276.	1.7	173
14	Dendritic spine formation and pruning: common cellular mechanisms?. <i>Trends in Neurosciences</i> , 2000, 23, 53-57.	4.2	169
15	Release of calcium from stores alters the morphology of dendritic spines in cultured hippocampal neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 12068-12072.	3.3	167
16	Synaptopodin Regulates Plasticity of Dendritic Spines in Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2009, 29, 1017-1033.	1.7	162
17	Reversible impairment of long-term potentiation in transgenic Cu/Zn-SOD mice. <i>European Journal of Neuroscience</i> , 1998, 10, 538-544.	1.2	159
18	A novel cholinergic induction of long-term potentiation in rat hippocampus. <i>Journal of Neurophysiology</i> , 1994, 72, 2034-2040.	0.9	150

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19	Dendritic spines, synaptic plasticity and neuronal survival: activity shapes dendritic spines to enhance neuronal viability. <i>European Journal of Neuroscience</i> , 2010, 31, 2178-2184.	1.2	135
20	FMRP Involvement in Formation of Synapses among Cultured Hippocampal Neurons. <i>Cerebral Cortex</i> , 2000, 10, 1045-1052.	1.6	132
21	Stress-induced dynamic routing of hippocampal connectivity: A hypothesis. <i>Hippocampus</i> , 2010, 20, 1332-1338.	0.9	130
22	Hydrogen Peroxide As a Diffusible Signal Molecule in Synaptic Plasticity. <i>Molecular Neurobiology</i> , 2004, 29, 167-178.	1.9	118
23	Protein kinase C and ERK involvement in dendritic spine plasticity in cultured rodent hippocampal neurons. <i>European Journal of Neuroscience</i> , 2003, 17, 2529-2539.	1.2	117
24	Dendritic spines: Morphological building blocks of memory. <i>Neurobiology of Learning and Memory</i> , 2017, 138, 3-9.	1.0	115
25	Confocal microscopic imaging of $[Ca^{2+}]_i$ in cultured rat hippocampal neurons following exposure to N-methyl-D-aspartate. <i>Journal of Physiology</i> , 1992, 448, 655-676.	1.3	114
26	Morphological plasticity in dendritic spines of cultured hippocampal neurons. <i>Neuroscience</i> , 1996, 71, 1005-1011.	1.1	114
27	Dendritic Spine Density and LTP Induction in Cultured Hippocampal Slices. <i>Journal of Neurophysiology</i> , 1997, 77, 1614-1623.	0.9	114
28	Differential Modulation of Long-Term Depression by Acute Stress in the Rat Dorsal and Ventral Hippocampus. <i>Journal of Neuroscience</i> , 2009, 29, 8633-8638.	1.7	114
29	Differential Corticosteroid Modulation of Inhibitory Synaptic Currents in the Dorsal and Ventral Hippocampus. <i>Journal of Neuroscience</i> , 2009, 29, 2857-2866.	1.7	109
30	Neural differentiation of fragile X human embryonic stem cells reveals abnormal patterns of development despite successful neurogenesis. <i>Developmental Biology</i> , 2013, 374, 32-45.	0.9	103
31	Dendritic spines shaped by synaptic activity. <i>Current Opinion in Neurobiology</i> , 2000, 10, 582-586.	2.0	100
32	Regulation of Dendritic Spine Motility in Cultured Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2001, 21, 6115-6124.	1.7	96
33	Hippocampal Synaptic Plasticity in Mice Overexpressing an Embryonic Subunit of the NMDA Receptor. <i>Journal of Neuroscience</i> , 1998, 18, 4177-4188.	1.7	95
34	Contrasting Roles of Corticosteroid Receptors in Hippocampal Plasticity. <i>Journal of Neuroscience</i> , 2006, 26, 9130-9134.	1.7	94
35	Functional Plasticity Triggers Formation and Pruning of Dendritic Spines in Cultured Hippocampal Networks. <i>Journal of Neuroscience</i> , 2001, 21, 186-193.	1.7	93
36	Selective loss of dopaminergic nigro-striatal neurons in brains of Atm-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 12653-12656.	3.3	91

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37	Paradoxical Actions of Hydrogen Peroxide on Long-Term Potentiation in Transgenic Superoxide Dismutase-1 Mice. <i>Journal of Neuroscience</i> , 2003, 23, 10359-10367.	1.7	90
38	Activation of PKC induces rapid morphological plasticity in dendrites of hippocampal neurons via Rac and Rho-dependent mechanisms. <i>European Journal of Neuroscience</i> , 2004, 19, 3151-3164.	1.2	90
39	Formation of dendritic spines in cultured striatal neurons depends on excitatory afferent activity. <i>European Journal of Neuroscience</i> , 2003, 17, 2573-2585.	1.2	88
40	Unique regulation of long term potentiation in the rat ventral hippocampus. <i>Hippocampus</i> , 2007, 17, 10-25.	0.9	88
41	Neuronal Density Determines Network Connectivity and Spontaneous Activity in Cultured Hippocampus. <i>Journal of Neurophysiology</i> , 2010, 104, 1052-1060.	0.9	88
42	Fast confocal imaging of calcium released from stores in dendritic spines. <i>European Journal of Neuroscience</i> , 1998, 10, 2076-2084.	1.2	86
43	Serotonin attenuates a slow inhibitory postsynaptic potential in rat hippocampal neurons. <i>Neuroscience</i> , 1990, 36, 631-641.	1.1	85
44	Determinants of spontaneous activity in networks of cultured hippocampus. <i>Brain Research</i> , 2008, 1235, 21-30.	1.1	82
45	Geometry of Dendritic Spines Affects Calcium Dynamics in Hippocampal Neurons: Theory and Experiments. <i>Journal of Neurophysiology</i> , 1999, 82, 450-462.	0.9	81
46	Environmental Enrichment Restores Memory Functioning in Mice with Impaired IL-1 Signaling via Reinstatement of Long-Term Potentiation and Spine Size Enlargement. <i>Journal of Neuroscience</i> , 2009, 29, 3395-3403.	1.7	81
47	Synaptopodin Regulates Spine Plasticity: Mediation by Calcium Stores. <i>Journal of Neuroscience</i> , 2014, 34, 11641-11651.	1.7	81
48	Dendritic spines for neuroprotection: a hypothesis. <i>Trends in Neurosciences</i> , 1995, 18, 468-471.	4.2	79
49	Estradiol Induces Formation of Dendritic Spines in Hippocampal Neurons: Functional Correlates. <i>Hormones and Behavior</i> , 2001, 40, 156-159.	1.0	74
50	Signal Propagation Along Unidimensional Neuronal Networks. <i>Journal of Neurophysiology</i> , 2005, 94, 3406-3416.	0.9	74
51	Spike-Associated Fast Contraction of Dendritic Spines in Cultured Hippocampal Neurons. <i>Neuron</i> , 2001, 30, 751-758.	3.8	72
52	The Spine Apparatus, Synaptopodin, and Dendritic Spine Plasticity. <i>Neuroscientist</i> , 2010, 16, 125-131.	2.6	71
53	Hypertension induced by hypothalamic transplantation from genetically hypertensive to normotensive rats. <i>Journal of Neuroscience</i> , 1991, 11, 401-411.	1.7	69
54	Dynamic regulation of spine-dendrite coupling in cultured hippocampal neurons. <i>European Journal of Neuroscience</i> , 2004, 20, 2649-2663.	1.2	66

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55	Persistent Changes in Ability to Express Long-Term Potentiation/Depression in the Rat Hippocampus After Juvenile/Adult Stress. <i>Biological Psychiatry</i> , 2011, 69, 748-753.	0.7	65
56	Endoplasmic reticulum calcium stores in dendritic spines. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 64.	0.9	65
57	Rapid plasticity of dendritic spine: hints to possible functions?. <i>Progress in Neurobiology</i> , 2001, 63, 61-70.	2.8	64
58	Progesterone Prevents Estradiol-Induced Dendritic Spine Formation in Cultured Hippocampal Neurons. <i>Neuroendocrinology</i> , 2000, 72, 133-143.	1.2	63
59	Functional Deficiencies in Fragile X Neurons Derived from Human Embryonic Stem Cells. <i>Journal of Neuroscience</i> , 2015, 35, 15295-15306.	1.7	63
60	Morphological alterations in dendritic spines of rat hippocampal neurons exposed to N-methyl-D-aspartate. <i>Neuroscience Letters</i> , 1995, 193, 73-76.	1.0	61
61	The role of the store-operated calcium entry channel Orai1 in cultured rat hippocampal synapse formation and plasticity. <i>Journal of Physiology</i> , 2017, 595, 125-140.	1.3	60
62	Late degeneration of nigro-striatal neurons in ATM ^{-/-} mice. <i>Neuroscience</i> , 2003, 121, 83-98.	1.1	58
63	Presynaptic cholinergic inhibition in hippocampal cultures. <i>Synapse</i> , 1989, 4, 305-312.	0.6	57
64	Imaging of calcium variations in living dendritic spines of cultured rat hippocampal neurons. <i>Journal of Physiology</i> , 1995, 486, 283-295.	1.3	56
65	CREB Activation Mediates Plasticity in Cultured Hippocampal Neurons. <i>Neural Plasticity</i> , 1998, 6, 1-7.	1.0	54
66	Steroid modulation of hippocampal plasticity: switching between cognitive and emotional memories. <i>Frontiers in Cellular Neuroscience</i> , 2012, 6, 12.	1.8	54
67	Bidirectional regulation of dendritic spine dimensions by glutamate receptors. <i>NeuroReport</i> , 1999, 10, 2875-2877.	0.6	52
68	Network bursts in hippocampal microcultures are terminated by exhaustion of vesicle pools. <i>Journal of Neurophysiology</i> , 2011, 106, 2314-2321.	0.9	52
69	Upregulation of GABA Neurotransmission Suppresses Hippocampal Excitability and Prevents Long-Term Potentiation in Transgenic Superoxide Dismutase-Overexpressing Mice. <i>Journal of Neuroscience</i> , 1999, 19, 10977-10984.	1.7	50
70	Miniature Synaptic Currents Become Neurotoxic to Chronically Silenced Neurons. <i>Cerebral Cortex</i> , 2007, 17, 1292-1306.	1.6	50
71	Calcium dynamics in dendritic spines, modeling and experiments. <i>Cell Calcium</i> , 2005, 37, 467-475.	1.1	48
72	Selective facilitation of LTP in the ventral hippocampus by calcium stores. <i>Hippocampus</i> , 2012, 22, 1635-1644.	0.9	48

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73	Synaptopodin regulates release of calcium from stores in dendritic spines of cultured hippocampal neurons. <i>Journal of Physiology</i> , 2011, 589, 5987-5995.	1.3	46
74	Neurobiological consequences of juvenile stress: A GABAergic perspective on risk and resilience. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 74, 21-43.	2.9	46
75	Morphological constraints on calcium dependent glutamate receptor trafficking into individual dendritic spine. <i>Cell Calcium</i> , 2007, 42, 41-57.	1.1	45
76	Corticosteroid Regulation of Synaptic Plasticity in the Hippocampus. <i>Scientific World Journal</i> , The, 2010, 10, 462-469.	0.8	45
77	Juvenile stress alters LTP in ventral hippocampal slices: Involvement of noradrenergic mechanisms. <i>Behavioural Brain Research</i> , 2015, 278, 559-562.	1.2	42
78	Lasting Differential Effects on Plasticity Induced by Prenatal Stress in Dorsal and Ventral Hippocampus. <i>Neural Plasticity</i> , 2016, 2016, 1-10.	1.0	40
79	Spatially confined diffusion of calcium in dendrites of hippocampal neurons revealed by flash photolysis of caged calcium. <i>Cell Calcium</i> , 2006, 40, 441-449.	1.1	37
80	Prenatal Stress Affects Network Properties of Rat Hippocampal Neurons. <i>Biological Psychiatry</i> , 2013, 73, 1095-1102.	0.7	36
81	Experience-induced transgenerational (re-)programming of neuronal structure and functions: Impact of stress prior and during pregnancy. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 281-296.	2.9	36
82	Loss of forebrain MTCH2 decreases mitochondria motility and calcium handling and impairs hippocampal-dependent cognitive functions. <i>Scientific Reports</i> , 2017, 7, 44401.	1.6	35
83	Rapid WAVE dynamics in dendritic spines of cultured hippocampal neurons is mediated by actin polymerization. <i>Journal of Neurochemistry</i> , 2005, 95, 1401-1410.	2.1	34
84	Roles of Calcium Stores and Store-Operated Channels in Plasticity of Dendritic Spines. <i>Neuroscientist</i> , 2016, 22, 477-485.	2.6	34
85	Neuronal circuits overcome imbalance in excitation and inhibition by adjusting connection numbers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	34
86	Cellular basis of a rapid effect of mineralocorticosteroid receptors activation on LTP in ventral hippocampal slices. <i>Hippocampus</i> , 2012, 22, 267-275.	0.9	31
87	Zeta Inhibitory Peptide, a Candidate Inhibitor of Protein Kinase M \hat{A} , Is Excitotoxic to Cultured Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2015, 35, 12404-12411.	1.7	31
88	Physiological effects of selective 5-HT _{1a} and 5-HT _{1b} ligands in rat hippocampus: comparison to 5-HT. <i>Brain Research</i> , 1989, 502, 67-74.	1.1	30
89	Prenatal stress alters noradrenergic modulation of LTP in hippocampal slices. <i>Journal of Neurophysiology</i> , 2013, 110, 279-285.	0.9	30
90	Fast imaging of [Ca] ⁱ reveals presence of voltage-gated calcium channels in dendritic spines of cultured hippocampal neurons. <i>Journal of Neurophysiology</i> , 1995, 74, 484-488.	0.9	29

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91	Survival and synaptogenesis of hippocampal neurons without NMDA receptor function in culture. <i>European Journal of Neuroscience</i> , 1998, 10, 2192-2198.	1.2	29
92	Simultaneous NMDA-Dependent Long-Term Potentiation of EPSCs and Long-Term Depression of IPSCs in Cultured Rat Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2006, 26, 1199-1210.	1.7	27
93	Dendritic spines: elementary structural units of neuronal plasticity. <i>Progress in Brain Research</i> , 2002, 138, 53-59.	0.9	26
94	Lack of correlation between synaptopodin expression and the ability to induce LTP in the rat dorsal and ventral hippocampus. <i>Hippocampus</i> , 2008, 18, 1-4.	0.9	26
95	Overexpression of PKM η Alters Morphology and Function of Dendritic Spines in Cultured Cortical Neurons. <i>Cerebral Cortex</i> , 2012, 22, 2519-2528.	1.6	26
96	Chapter 9 Changing views of Cajal's neuron: the case of the dendritic spine. <i>Progress in Brain Research</i> , 2002, 136, 101-107.	0.9	25
97	Aged SOD Overexpressing Mice Exhibit Enhanced Spatial Memory While Lacking Hippocampal Neurogenesis. <i>Antioxidants and Redox Signaling</i> , 2007, 9, 181-189.	2.5	25
98	The Interactome of Palmitoyl-Protein Thioesterase 1 (PPT1) Affects Neuronal Morphology and Function. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 92.	1.8	25
99	Lasting effects of glutamate on nuclear calcium concentration in cultured rat hippocampal neurons: regulation by calcium stores. <i>Journal of Physiology</i> , 1996, 496, 39-48.	1.3	24
100	Confocal microscopic imaging of fast UV-laser photolysis of caged compounds. <i>Journal of Neuroscience Methods</i> , 2004, 133, 153-159.	1.3	22
101	BDNF and NT-4 increase excitatory input connectivity in rat hippocampal cultures. <i>European Journal of Neuroscience</i> , 2009, 30, 998-1010.	1.2	22
102	Calcium stores regulate excitability in cultured rat hippocampal neurons. <i>Journal of Neurophysiology</i> , 2018, 120, 2694-2705.	0.9	21
103	Ischemic LTP: NMDA-dependency and dorso/ventral distribution within the hippocampus. <i>Hippocampus</i> , 2015, 25, 1465-1471.	0.9	20
104	Calcium-Containing Organelles Display Unique Reactivity to Chemical Stimulation in Cultured Hippocampal Neurons. <i>Journal of Neuroscience</i> , 1997, 17, 1670-1682.	1.7	19
105	Is fragile X mental retardation protein involved in activity-induced plasticity of dendritic spines?. <i>Brain Research</i> , 2003, 972, 9-15.	1.1	19
106	Stress and corticosteroid modulation of seizures and synaptic inhibition in the hippocampus. <i>Experimental Neurology</i> , 2012, 234, 200-207.	2.0	19
107	ORAI1-dependent synaptic plasticity in rat hippocampal neurons. <i>Neurobiology of Learning and Memory</i> , 2017, 140, 1-10.	1.0	18
108	Control of Neuronal Plasticity by Reactive Oxygen Species. <i>Antioxidants and Redox Signaling</i> , 2007, 9, 165-167.	2.5	17

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109	Degeneration of cultured cortical neurons following prolonged inactivation: molecular mechanisms. <i>Journal of Neurochemistry</i> , 2009, 110, 1203-1213.	2.1	17
110	Electron microscopic 3D reconstruction of dendritic spines in cultured hippocampal neurons undergoing synaptic plasticity. <i>Developmental Neurobiology</i> , 2008, 68, 870-876.	1.5	16
111	Presenilin 1 Regulates $[Ca^{2+}]_i$ and Mitochondria/ER Interaction in Cultured Rat Hippocampal Neurons. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	1.9	16
112	Synaptopodin Deficiency Ameliorates Symptoms in the 3xTg Mouse Model of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2019, 39, 3983-3992.	1.7	16
113	Stress Impairs Synaptic Plasticity in Triple-Transgenic Alzheimer's Disease Mice: Rescue by Ryanodine. <i>Neurodegenerative Diseases</i> , 2014, 13, 135-138.	0.8	15
114	Ryanodine-mediated conversion of STP to LTP is lacking in synaptopodin-deficient mice. <i>Brain Structure and Function</i> , 2016, 221, 2393-2397.	1.2	15
115	Cannabidiol Regulates Long Term Potentiation Following Status Epilepticus: Mediation by Calcium Stores and Serotonin. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 32.	1.4	15
116	Calcium Sensors STIM1 and STIM2 Regulate Different Calcium Functions in Cultured Hippocampal Neurons. <i>Frontiers in Synaptic Neuroscience</i> , 2020, 12, 573714.	1.3	13
117	Age-dependent glutamate induction of synaptic plasticity in cultured hippocampal neurons. <i>Learning and Memory</i> , 2006, 13, 719-727.	0.5	12
118	Activity-dependent survival of neurons in culture: a model of slow neurodegeneration. <i>Journal of Neural Transmission</i> , 2009, 116, 1363-1369.	1.4	10
119	Chronic exposure to alcohol alters network activity and morphology of cultured hippocampal neurons. <i>NeuroToxicology</i> , 2015, 47, 62-71.	1.4	9
120	Impaired Functional Connectivity Underlies Fragile X Syndrome. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2048.	1.8	7
121	Complex effects of aqueous extract of <i>Melampyrum pratense</i> and of its flavonoids on activity of primary cultured hippocampal neurons. <i>Journal of Ethnopharmacology</i> , 2015, 163, 220-228.	2.0	6
122	Learning Deficits in Adult Mitochondria Carrier Homolog 2 Forebrain Knockout Mouse. <i>Neuroscience</i> , 2018, 394, 156-163.	1.1	5
123	False Opposing Fear Memories Are Produced as a Function of the Hippocampal Sector Where Glucocorticoid Receptors Are Activated. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 144.	1.0	5
124	Allostatic gene regulation of inhibitory synaptic factors in the rat ventral hippocampus in a juvenile/adult stress model of psychopathology. <i>European Journal of Neuroscience</i> , 2022, 55, 2142-2153.	1.2	5
125	Increased excitability of hippocampal neurons in mature synaptopodin-knockout mice. <i>Brain Structure and Function</i> , 2021, 226, 2459-2466.	1.2	5
126	Mechanisms Driving the Emergence of Neuronal Hyperexcitability in Fragile X Syndrome. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6315.	1.8	5

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127	Activity Deprivation Induces Neuronal Cell Death: Mediation by Tissue-Type Plasminogen Activator. PLoS ONE, 2011, 6, e25919.	1.1	4
128	Active cortical innervation protects striatal neurons from slow degeneration in culture. Journal of Neural Transmission, 2011, 118, 445-451.	1.4	4
129	Ethanol Affects Network Activity in Cultured Rat Hippocampus: Mediation by Potassium Channels. PLoS ONE, 2013, 8, e75988.	1.1	4
130	Orai1 regulates calcium entry into dendritic spines. Channels, 2017, 11, 99-100.	1.5	3
131	The flavonoid acetylpectolarin counteracts the effects of low ethanol on spontaneous network activity in hippocampal cultures. Journal of Ethnopharmacology, 2019, 229, 22-28.	2.0	3
132	So, why do they dance, after all?. Journal of Physiology, 2004, 558, 367-367.	1.3	1
133	Dendritic Spine Plasticity and Memory Formation. , 2017, , 199-215.		1
134	Stress, Corticosterone, and Hippocampal Plasticity. , 2019, , 93-104.		1
135	Aged SOD Overexpressing Mice Exhibit Enhanced Spatial Memory While Lacking Hippocampal Neurogenesis. Antioxidants and Redox Signaling, 2006, .	2.5	1
136	Hydrogen Peroxide Regulates Metaplasticity in the Hippocampus. , 2005, , 49-64.		0
137	Control of Neuronal Plasticity by Reactive Oxygen Species. Antioxidants and Redox Signaling, 2006, .	2.5	0
138	Stress Modulation of Synaptic Plasticity in the Hippocampus. , 2014, , 137-150.		0