

Claudio Grassi

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133
papers

4,893
citations

42
h-index

66
g-index

157
ext. papers

5,996
ext. citations

5.5
avg, IF

5.45
L-index

#	Paper	IF	Citations
133	Microbes and Alzheimer's Disease. <i>Journal of Alzheimers Disease</i> , 2016 , 51, 979-84	4.3	320
132	50-Hz extremely low frequency electromagnetic fields enhance cell proliferation and DNA damage: possible involvement of a redox mechanism. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2005 , 1743, 120-9	4.9	195
131	Extremely low-frequency electromagnetic fields promote in vitro neurogenesis via upregulation of Ca(v)1-channel activity. <i>Journal of Cellular Physiology</i> , 2008 , 215, 129-39	7	175
130	Extracellular Tau Oligomers Produce An Immediate Impairment of LTP and Memory. <i>Scientific Reports</i> , 2016 , 6, 19393	4.9	155
129	Effects of 50 Hz electromagnetic fields on voltage-gated Ca ²⁺ channels and their role in modulation of neuroendocrine cell proliferation and death. <i>Cell Calcium</i> , 2004 , 35, 307-15	4	154
128	Modulation of LTP at rat hippocampal CA3-CA1 synapses by direct current stimulation. <i>Journal of Neurophysiology</i> , 2012 , 107, 1868-80	3.2	145
127	Infectious agents and neurodegeneration. <i>Molecular Neurobiology</i> , 2012 , 46, 614-38	6.2	136
126	Anodal transcranial direct current stimulation boosts synaptic plasticity and memory in mice via epigenetic regulation of Bdnf expression. <i>Scientific Reports</i> , 2016 , 6, 22180	4.9	134
125	A role for neuronal cAMP responsive-element binding (CREB)-1 in brain responses to calorie restriction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 621-6	11.5	118
124	Role of L-type Ca ²⁺ channels in neural stem/progenitor cell differentiation. <i>European Journal of Neuroscience</i> , 2006 , 23, 935-44	3.5	118
123	Recurrent herpes simplex virus-1 infection induces hallmarks of neurodegeneration and cognitive deficits in mice. <i>PLoS Pathogens</i> , 2019 , 15, e1007617	7.6	100
122	Exposure to extremely low-frequency (50 Hz) electromagnetic fields enhances adult hippocampal neurogenesis in C57BL/6 mice. <i>Experimental Neurology</i> , 2010 , 226, 173-82	5.7	96
121	Brain insulin resistance impairs hippocampal synaptic plasticity and memory by increasing GluA1 palmitoylation through FoxO3a. <i>Nature Communications</i> , 2017 , 8, 2009	17.4	93
120	APP processing induced by herpes simplex virus type 1 (HSV-1) yields several APP fragments in human and rat neuronal cells. <i>PLoS ONE</i> , 2010 , 5, e13989	3.7	93
119	Alzheimer's amyloid beta-peptide (1-42) induces cell death in human neuroblastoma via bax/bcl-2 ratio increase: an intriguing role for methionine 35. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 342, 206-13	3.4	86
118	LTP and memory impairment caused by extracellular A β and Tau oligomers is APP-dependent. <i>ELife</i> , 2017 , 6,	8.9	81
117	Intracellular accumulation of amyloid- β protein plays a major role in A β -induced alterations of glutamatergic synaptic transmission and plasticity. <i>Journal of Neuroscience</i> , 2014 , 34, 12893-903	6.6	76

116	Electrophysiological and molecular evidence of L-(Cav1), N- (Cav2.2), and R- (Cav2.3) type Ca ²⁺ channels in rat cortical astrocytes. <i>Glia</i> , 2004 , 45, 354-63	9	76
115	Protection of primary neurons and mouse brain from Alzheimer's pathology by molecular tweezers. <i>Brain</i> , 2012 , 135, 3735-48	11.2	75
114	HSV-1 promotes Ca ²⁺ -mediated APP phosphorylation and A β accumulation in rat cortical neurons. <i>Neurobiology of Aging</i> , 2011 , 32, 2323.e13-26	5.6	73
113	HSV-1 and Alzheimer's disease: more than a hypothesis. <i>Frontiers in Pharmacology</i> , 2014 , 5, 97	5.6	68
112	Brain Insulin Resistance and Hippocampal Plasticity: Mechanisms and Biomarkers of Cognitive Decline. <i>Frontiers in Neuroscience</i> , 2019 , 13, 788	5.1	67
111	A consensus panel review of central nervous system effects of the exposure to low-intensity extremely low-frequency magnetic fields. <i>Brain Stimulation</i> , 2013 , 6, 469-76	5.1	67
110	Herpes Simplex Virus type-1 infection induces synaptic dysfunction in cultured cortical neurons via GSK-3 activation and intraneuronal amyloid- β protein accumulation. <i>Scientific Reports</i> , 2015 , 5, 15444	4.9	61
109	Reduced D-serine levels in the nucleus accumbens of cocaine-treated rats hinder the induction of NMDA receptor-dependent synaptic plasticity. <i>Brain</i> , 2013 , 136, 1216-30	11.2	59
108	Nitric oxide inhibits neuroendocrine Ca(V)1 L-channel gating via cGMP-dependent protein kinase in cell-attached patches of bovine chromaffin cells. <i>Journal of Physiology</i> , 2002 , 541, 351-66	3.9	55
107	Reduced gliotransmitter release from astrocytes mediates tau-induced synaptic dysfunction in cultured hippocampal neurons. <i>Glia</i> , 2017 , 65, 1302-1316	9	54
106	Intraneuronal A β accumulation induces hippocampal neuron hyperexcitability through A-type K(+) current inhibition mediated by activation of caspases and GSK-3. <i>Neurobiology of Aging</i> , 2015 , 36, 886-900	5.6	53
105	Epigenetic modulation of adult hippocampal neurogenesis by extremely low-frequency electromagnetic fields. <i>Molecular Neurobiology</i> , 2014 , 49, 1472-86	6.2	53
104	A CREB-Sirt1-Hes1 Circuitry Mediates Neural Stem Cell Response to Glucose Availability. <i>Cell Reports</i> , 2016 , 14, 1195-1205	10.6	50
103	Modulation of hippocampal neural plasticity by glucose-related signaling. <i>Neural Plasticity</i> , 2015 , 2015, 657928	3.3	48
102	Effects of different amyloid β protein analogues on synaptic function. <i>Neurobiology of Aging</i> , 2013 , 34, 1032-44	5.6	48
101	Biliverdin Reductase-A Mediates the Beneficial Effects of Intranasal Insulin in Alzheimer Disease. <i>Molecular Neurobiology</i> , 2019 , 56, 2922-2943	6.2	47
100	Extremely low-frequency electromagnetic fields enhance the survival of newborn neurons in the mouse hippocampus. <i>European Journal of Neuroscience</i> , 2014 , 39, 893-903	3.5	47
99	Dopamine D1-like receptor activation depolarizes medium spiny neurons of the mouse nucleus accumbens by inhibiting inwardly rectifying K ⁺ currents through a cAMP-dependent protein kinase A-independent mechanism. <i>Neuroscience</i> , 2010 , 167, 678-90	3.9	46

98	Herpes Simplex Virus-1 in the Brain: The Dark Side of a Sneaky Infection. <i>Trends in Microbiology</i> , 2020 , 28, 808-820	12.4	45
97	Role of Amyloid- β and Tau Proteins in Alzheimer's Disease: Confuting the Amyloid Cascade. <i>Journal of Alzheimer's Disease</i> , 2018 , 64, S611-S631	4.3	45
96	Neuromodulatory Action of Picomolar Extracellular A β 2 Oligomers on Presynaptic and Postsynaptic Mechanisms Underlying Synaptic Function and Memory. <i>Journal of Neuroscience</i> , 2019 , 39, 5986-6000	6.6	43
95	Isolation of cancer stem cells from three human glioblastoma cell lines: characterization of two selected clones. <i>PLoS ONE</i> , 2014 , 9, e105166	3.7	43
94	Sympathetically-induced development of tension in jaw muscles: the possible contraction of intrafusal muscle fibres. <i>Pflügers Archiv European Journal of Physiology</i> , 1985 , 405, 297-304	4.6	43
93	MALAT1 and HOTAIR Long Non-Coding RNAs Play Opposite Role in Estrogen-Mediated Transcriptional Regulation in Prostate Cancer Cells. <i>Scientific Reports</i> , 2016 , 6, 38414	4.9	43
92	Dysregulation of intracellular calcium homeostasis is responsible for neuronal death in an experimental model of selective hippocampal degeneration induced by trimethyltin. <i>Journal of Neurochemistry</i> , 2008 , 105, 2109-21	6	42
91	cGMP/protein kinase G-dependent inhibition of N-type Ca $^{2+}$ channels induced by nitric oxide in human neuroblastoma IMR32 cells. <i>Journal of Neuroscience</i> , 2002 , 22, 7485-92	6.6	42
90	Activation of mGluR5 induces spike afterdepolarization and enhanced excitability in medium spiny neurons of the nucleus accumbens by modulating persistent Na $^{+}$ currents. <i>Journal of Physiology</i> , 2009 , 587, 3233-50	3.9	38
89	Herpes simplex virus type 1 infection in neurons leads to production and nuclear localization of APP intracellular domain (AICD): implications for Alzheimer's disease pathogenesis. <i>Journal of NeuroVirology</i> , 2015 , 21, 480-90	3.9	36
88	The dual role of curcumin and ferulic acid in counteracting chemoresistance and cisplatin-induced ototoxicity. <i>Scientific Reports</i> , 2020 , 10, 1063	4.9	36
87	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	5.6	32
86	Herpes Simplex Virus Type-1 Infection Impairs Adult Hippocampal Neurogenesis via Amyloid- β Protein Accumulation. <i>Stem Cells</i> , 2019 , 37, 1467-1480	5.8	32
85	Alternative splicing alterations of Ca $^{2+}$ handling genes are associated with Ca $^{2+}$ signal dysregulation in myotonic dystrophy type 1 (DM1) and type 2 (DM2) myotubes. <i>Neuropathology and Applied Neurobiology</i> , 2014 , 40, 464-76	5.2	31
84	New perspectives in cyclic nucleotide-mediated functions in the CNS: the emerging role of cyclic nucleotide-gated (CNG) channels. <i>Pflügers Archiv European Journal of Physiology</i> , 2014 , 466, 1241-57	4.6	30
83	Inhibition of low- and high-threshold Ca $^{2+}$ channels of human neuroblastoma IMR32 cells by Lambert-Eaton myasthenic syndrome (LEMS) IgGs. <i>Neuroscience Letters</i> , 1994 , 181, 50-6	3.3	29
82	Effect of sympathetic nervous system activation on the tonic vibration reflex in rabbit jaw closing muscles. <i>Journal of Physiology</i> , 1993 , 469, 601-13	3.9	28
81	17 β -estradiol protects cerebellar granule cells against β amyloid-induced toxicity via the apoptotic mitochondrial pathway. <i>Neuroscience Letters</i> , 2014 , 561, 134-9	3.3	27

80	Auditory steady-state responses to click trains from the rat temporal cortex. <i>Clinical Neurophysiology</i> , 1999 , 110, 62-70	4.3	27
79	Environmental Enrichment and Social Isolation Mediate Neuroplasticity of Medium Spiny Neurons through the GSK3 Pathway. <i>Cell Reports</i> , 2018 , 23, 555-567	10.6	26
78	Surprising toxicity and assembly behaviour of amyloid β protein oxidized to sulfone. <i>Biochemical Journal</i> , 2011 , 433, 323-32	3.8	26
77	Functional role of cyclic nucleotide-gated channels in rat medial vestibular nucleus neurons. <i>Journal of Physiology</i> , 2008 , 586, 803-15	3.9	26
76	The nuclear pore protein Nup153 associates with chromatin and regulates cardiac gene expression in dystrophic mdx hearts. <i>Cardiovascular Research</i> , 2016 , 112, 555-567	9.9	26
75	Role of methionine 35 in the intracellular Ca^{2+} homeostasis dysregulation and Ca^{2+} -dependent apoptosis induced by amyloid beta-peptide in human neuroblastoma IMR32 cells. <i>Journal of Neurochemistry</i> , 2008 , 107, 1070-82	6	25
74	Modulation of $Ca(v)1$ and $Ca(v)2.2$ channels induced by nitric oxide via cGMP-dependent protein kinase. <i>Neurochemistry International</i> , 2004 , 45, 885-93	4.4	24
73	Impact of electromagnetic fields on stem cells: common mechanisms at the crossroad between adult neurogenesis and osteogenesis. <i>Frontiers in Cellular Neuroscience</i> , 2015 , 9, 228	6.1	23
72	Maternal insulin resistance multigenerationally impairs synaptic plasticity and memory via gametic mechanisms. <i>Nature Communications</i> , 2019 , 10, 4799	17.4	22
71	Olfactory memory is enhanced in mice exposed to extremely low-frequency electromagnetic fields via Wnt/ β -catenin dependent modulation of subventricular zone neurogenesis. <i>Scientific Reports</i> , 2018 , 8, 262	4.9	20
70	Role of BDNF Signaling in Memory Enhancement Induced by Transcranial Direct Current Stimulation. <i>Frontiers in Neuroscience</i> , 2018 , 12, 427	5.1	20
69	The neurogenic effects of exogenous neuropeptide Y: early molecular events and long-lasting effects in the hippocampus of trimethyltin-treated rats. <i>PLoS ONE</i> , 2014 , 9, e88294	3.7	20
68	Expression of olfactory-type cyclic nucleotide-gated channels in rat cortical astrocytes. <i>Glia</i> , 2012 , 60, 1391-405	9	20
67	Ca^{2+} channel inhibition induced by nitric oxide in rat insulinoma RINm5F cells. <i>Pflugers Archiv European Journal of Physiology</i> , 1999 , 437, 241-7	4.6	20
66	A comparative study of changes operated by sympathetic nervous system activation on spindle afferent discharge and on tonic vibration reflex in rabbit jaw muscles. <i>Journal of the Autonomic Nervous System</i> , 1996 , 57, 163-7		20
65	Action of the sympathetic system on skeletal muscle. <i>Italian Journal of Neurological Sciences</i> , 1988 , 9, 23-8		20
64	Pioglitazone Represents an Effective Therapeutic Target in Preventing Oxidative/Inflammatory Cochlear Damage Induced by Noise Exposure. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1103	5.6	20
63	Loss of Leptin-Induced Modulation of Hippocampal Synaptic Transmission and Signal Transduction in High-Fat Diet-Fed Mice. <i>Frontiers in Cellular Neuroscience</i> , 2017 , 11, 225	6.1	19

62	Anti-oxidant and anti-inflammatory effects of caffeic acid: in vivo evidences in a model of noise-induced hearing loss. <i>Food and Chemical Toxicology</i> , 2020 , 143, 111555	4.7	18
61	Possible modulation of auditory middle latency responses by nitric oxide in the inferior colliculus of anaesthetized rats. <i>Neuroscience Letters</i> , 1995 , 196, 213-7	3.3	18
60	Anodal transcranial direct current stimulation affects auditory cortex plasticity in normal-hearing and noise-exposed rats. <i>Brain Stimulation</i> , 2018 , 11, 1008-1023	5.1	17
59	Nitric oxide increases the spontaneous firing rate of rat medial vestibular nucleus neurons in vitro via a cyclic GMP-mediated PKG-independent mechanism. <i>European Journal of Neuroscience</i> , 2004 , 20, 2124-32	3.5	17
58	Sympathetic control of skeletal muscle function: possible co-operation between noradrenaline and neuropeptide Y in rabbit jaw muscles. <i>Neuroscience Letters</i> , 1996 , 212, 204-8	3.3	17
57	Altered Nup153 Expression Impairs the Function of Cultured Hippocampal Neural Stem Cells Isolated from a Mouse Model of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2019 , 56, 5934-5949	6.2	16
56	Styrene enhances the noise induced oxidative stress in the cochlea and affects differently mechanosensory and supporting cells. <i>Free Radical Biology and Medicine</i> , 2016 , 101, 211-225	7.8	16
55	NO-donor thiocarbocyanines as multifunctional agents for Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 4688-4698	3.4	16
54	Down-regulation of non-L-, non-N-type (Q-like) Ca ²⁺ channels by Lambert-Eaton myasthenic syndrome (LEMS) antibodies in rat insulinoma RINm5F cells. <i>FEBS Letters</i> , 1996 , 387, 47-52	3.8	16
53	Role of cyclic nucleotide-gated channels in the modulation of mouse hippocampal neurogenesis. <i>PLoS ONE</i> , 2013 , 8, e73246	3.7	16
52	Sildenafil normalizes MALAT1 level in diabetic cardiomyopathy. <i>Endocrine</i> , 2018 , 62, 259-262	4	15
51	Passive immunotherapy for N-truncated tau ameliorates the cognitive deficits in two mouse Alzheimer's disease models. <i>Brain Communications</i> , 2020 , 2, fcaa039	4.5	14
50	Transcription Factor CREM Mediates High Glucose Response in Cardiomyocytes and in a Male Mouse Model of Prolonged Hyperglycemia. <i>Endocrinology</i> , 2017 , 158, 2391-2405	4.8	14
49	The role of D-serine as co-agonist of NMDA receptors in the nucleus accumbens: relevance to cocaine addiction. <i>Frontiers in Synaptic Neuroscience</i> , 2014 , 6, 16	3.5	14
48	Postsynaptic alpha 1- and alpha 2-adrenoceptors mediating the action of the sympathetic system on muscle spindles, in the rabbit. <i>Pharmacological Research Communications</i> , 1986 , 18, 161-70		14
47	Tau is not necessary for amyloid-β-induced synaptic and memory impairments. <i>Journal of Clinical Investigation</i> , 2020 , 130, 4831-4844	15.9	14
46	H19-Dependent Transcriptional Regulation of β and γ Integrins Upon Estrogen and Hypoxia Favors Metastatic Potential in Prostate Cancer. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	13
45	Chronic mild stress alters synaptic plasticity in the nucleus accumbens through GSK3β-dependent modulation of Kv4.2 channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 8143-8153	11.5	12

44	The Antioxidant Effect of Rosmarinic Acid by Different Delivery Routes in the Animal Model of Noise-Induced Hearing Loss. <i>Otology and Neurotology</i> , 2018 , 39, 378-386	2.6	12
43	Nutrient-Dependent Changes of Protein Palmitoylation: Impact on Nuclear Enzymes and Regulation of Gene Expression. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	12
42	The Medial Septum Is Insulin Resistant in the AD Presymptomatic Phase: Rescue by Nerve Growth Factor-Driven IRS Activation. <i>Molecular Neurobiology</i> , 2019 , 56, 535-552	6.2	11
41	Enhancing Plasticity Mechanisms in the Mouse Motor Cortex by Anodal Transcranial Direct-Current Stimulation: The Contribution of Nitric Oxide Signaling. <i>Cerebral Cortex</i> , 2020 , 30, 2972-2985	5.1	11
40	Nucleoporin 153 regulates estrogen-dependent nuclear translocation of endothelial nitric oxide synthase and estrogen receptor beta in prostate cancer. <i>Oncotarget</i> , 2018 , 9, 27985-27997	3.3	10
39	Sympathetically-induced changes in microvascular cerebral blood flow and in the morphology of its low-frequency waves. <i>Journal of the Autonomic Nervous System</i> , 1996 , 59, 66-74		9
38	Tension development in lumbrical muscles and concomitant increase of activity in A alpha and A beta afferents during sympathetic stimulation in the cat. <i>Brain Research</i> , 1987 , 435, 15-23	3.7	9
37	Characterization of Ca(2+)-channels responsible for K(+)-evoked [(3)H]noradrenaline release from rat brain cortex synaptosomes and their response to amyotrophic lateral sclerosis IgGs. <i>Experimental Neurology</i> , 1999 , 159, 520-7	5.7	8
36	Dopaminergic-GABAergic interplay and alcohol binge drinking. <i>Pharmacological Research</i> , 2019 , 141, 384-391	10.2	7
35	Brain insulin resistance impairs hippocampal plasticity. <i>Vitamins and Hormones</i> , 2020 , 114, 281-306	2.5	7
34	Human cardiac progenitor cells with regenerative potential can be isolated and characterized from 3D-electro-anatomic guided endomyocardial biopsies. <i>International Journal of Cardiology</i> , 2017 , 241, 330-343	3.2	6
33	Glutamate/GABA co-release selectively influences postsynaptic glutamate receptors in mouse cortical neurons. <i>Neuropharmacology</i> , 2019 , 161, 107737	5.5	6
32	Metabolic Reprogramming by Malat1 Depletion in Prostate Cancer. <i>Cancers</i> , 2020 , 13,	6.6	6
31	Neural Stem Cell-Derived Exosomes Revert HFD-Dependent Memory Impairment via CREB-BDNF Signalling. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
30	Plasma BDNF Levels Following Transcranial Direct Current Stimulation Allow Prediction of Synaptic Plasticity and Memory Deficits in 3Tg-AD Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 541	5.7	6
29	Effects of exposure to gradient magnetic fields emitted by nuclear magnetic resonance devices on clonogenic potential and proliferation of human hematopoietic stem cells. <i>Bioelectromagnetics</i> , 2016 , 37, 201-11	1.6	6
28	GSK3β Modulates Timing-Dependent Long-Term Depression Through Direct Phosphorylation of Kv4.2 Channels. <i>Cerebral Cortex</i> , 2019 , 29, 1851-1865	5.1	6
27	Does Impairment of Adult Neurogenesis Contribute to Pathophysiology of Alzheimer's Disease? A Still Open Question. <i>Frontiers in Molecular Neuroscience</i> , 2020 , 13, 578211	6.1	6

26	Signaling through estrogen receptors modulates long non-coding RNAs in prostate cancer. <i>Molecular and Cellular Endocrinology</i> , 2020 , 511, 110864	4.4	5
25	Early Noise-Induced Hearing Loss Accelerates Presbycusis Altering Aging Processes in the Cochlea.. <i>Frontiers in Aging Neuroscience</i> , 2022 , 14, 803973	5.3	5
24	NIR multiphoton ablation of cancer cells, fluorescence quenching and cellular uptake of dansyl-glutathione-coated gold nanoparticles. <i>Scientific Reports</i> , 2020 , 10, 11380	4.9	5
23	Combined molecular and mathematical analysis of long noncoding RNAs expression in fine needle aspiration biopsies as novel tool for early diagnosis of thyroid cancer. <i>Endocrine</i> , 2021 , 72, 711-720	4	5
22	Role of HSV-1 in Alzheimer's disease pathogenesis: A challenge for novel preventive/therapeutic strategies.. <i>Current Opinion in Pharmacology</i> , 2022 , 63, 102200	5.1	5
21	Establishment of a protocol to extend the lifespan of human hormone-secreting pituitary adenoma cells. <i>Endocrine</i> , 2018 , 59, 102-108	4	4
20	Expression of cyclic nucleotide-gated channels in the rat medial vestibular nucleus. <i>NeuroReport</i> , 2005 , 16, 1939-43	1.7	4
19	Styrene targets sensory and neural cochlear function through the crossroad between oxidative stress and inflammation. <i>Free Radical Biology and Medicine</i> , 2021 , 163, 31-42	7.8	4
18	Genetic deletion of α 7 nicotinic acetylcholine receptors induces an age-dependent Alzheimer's disease-like pathology. <i>Progress in Neurobiology</i> , 2021 , 206, 102154	10.9	4
17	Monitoring the Response of Hyperbilirubinemia in the Mouse Brain by In Vivo Bioluminescence Imaging. <i>International Journal of Molecular Sciences</i> , 2016 , 18,	6.3	3
16	Auditory sensory deprivation induced by noise exposure exacerbates cognitive decline in a mouse model of Alzheimer's disease. <i>ELife</i> , 2021 , 10,	8.9	3
15	Glucose Overload Inhibits Glutamatergic Synaptic Transmission: A Novel Role for CREB-Mediated Regulation of Synaptotagmins 2 and 4. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 810	5.7	3
14	Noise-Induced Cochlear Damage Involves PPAR Down-Regulation through the Interplay between Oxidative Stress and Inflammation. <i>Antioxidants</i> , 2021 , 10,	7.1	3
13	Ca ²⁺ -dependent release of ATP from astrocytes affects herpes simplex virus type 1 infection of neurons. <i>Glia</i> , 2021 , 69, 201-215	9	3
12	Neural Stem Cell-Derived Extracellular Vesicles Counteract Insulin Resistance-Induced Senescence of Neurogenic Niche.. <i>Stem Cells</i> , 2022 , 40, 318-331	5.8	2
11	Somatic Deletion in Exon 10 of Aryl Hydrocarbon Receptor Gene in Human GH-Secreting Pituitary Tumors. <i>Frontiers in Endocrinology</i> , 2020 , 11, 591039	5.7	2
10	Basic and Preclinical Research for Personalized Medicine. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	2
9	Lifestyles and Ageing: Targeting Key Mechanisms to Shift the Balance from Unhealthy to Healthy Ageing. <i>Studies in Health Technology and Informatics</i> , 2014 , 203, 99-111	0.5	2

8	Resveratrol corrects aberrant splicing of pre-mRNA and Ca signal in myotonic dystrophy type 1 myotubes. <i>Neural Regeneration Research</i> , 2020 , 15, 1757-1766	4.5	1
7	Epigenetic regulation of neural stem cells: The emerging role of nucleoporins. <i>Stem Cells</i> , 2021 , 39, 1601-1614	5.1	1
6	Nitric Oxide and Voltage-Gated Ca ²⁺ Channels 2004 , 137-155		1
5	High-Fat Diet Leads to Reduced Protein O-GlcNAcylation and Mitochondrial Defects Promoting the Development of Alzheimer's Disease Signatures. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
4	Transcranial Direct Current Stimulation Enhances Neuroplasticity and Accelerates Motor Recovery in a Stroke Mouse Model.. <i>Stroke</i> , 2022 , STROKEAHA121034200	6.7	1
3	Biliverdin reductase bridges focal adhesion kinase to Src to modulate synaptic signaling.. <i>Science Signaling</i> , 2022 , 15, eabh3066	8.8	1
2	High fat diet leads to aberrant protein O-GlcNAcylation and to the development of Alzheimer disease signatures in mice. <i>Alzheimers and Dementia</i> , 2020 , 16, e039449	1.2	
1	Critical Role of d-Serine Signaling in Synaptic Plasticity Relevant to Cocaine Addiction 2017 , 155-161		