

Claudio Grassi

List of Publications by Year in descending order

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Version: 2024-02-01

144
papers

6,946
citations

57631

44
h-index

71532

76
g-index

158
all docs

158
docs citations

158
times ranked

9008
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbes and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 979-984.	1.2	426
2	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, 120-129.	1.9	233
3	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, 129-139.	2.0	224
4	Extracellular Tau Oligomers Produce An Immediate Impairment of LTP and Memory. <i>Scientific Reports</i> , 2016, 6, 19393.	1.6	212
5	Infectious Agents and Neurodegeneration. <i>Molecular Neurobiology</i> , 2012, 46, 614-638.	1.9	189
6	Effects of 50Hz 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, 307-315.	1.1	187
7	Modulation of LTP at rat hippocampal CA3-CA1 synapses by direct current stimulation. <i>Journal of Neurophysiology</i> , 2012, 107, 1868-1880.	0.9	183
8	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.	1.6	178
9	Recurrent herpes simplex virus-1 infection induces hallmarks of neurodegeneration and cognitive deficits in mice. <i>PLoS Pathogens</i> , 2019, 15, e1007617.	2.1	160
10	Brain Insulin Resistance and Hippocampal Plasticity: Mechanisms and Biomarkers of Cognitive Decline. <i>Frontiers in Neuroscience</i> , 2019, 13, 788.	1.4	153
11	Brain insulin resistance impairs hippocampal synaptic plasticity and memory by increasing GluA1 palmitoylation through FoxO3a. <i>Nature Communications</i> , 2017, 8, 2009.	5.8	149
12	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, 621-626.	3.3	141
13	Role of L-type Ca ²⁺ channels in neural stem/progenitor cell differentiation. <i>European Journal of Neuroscience</i> , 2006, 23, 935-944.	1.2	133
14	Herpes Simplex Virus-1 in the Brain: The Dark Side of a Sneaky Infection. <i>Trends in Microbiology</i> , 2020, 28, 808-820.	3.5	132
15	Exposure to extremely low-frequency (50Hz) electromagnetic fields enhances adult hippocampal neurogenesis in C57BL/6 mice. <i>Experimental Neurology</i> , 2010, 226, 173-182.	2.0	121
16	LTP and memory impairment caused by extracellular A β ² and Tau oligomers is APP-dependent. <i>ELife</i> , 2017, 6, .	2.8	121
17	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.	1.1	121
18	HSV-1 promotes Ca ²⁺ -mediated APP phosphorylation and A β ² accumulation in rat cortical neurons. <i>Neurobiology of Aging</i> , 2011, 32, 2323.e13-2323.e26.	1.5	106

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19	Role of Amyloid- β^2 and Tau Proteins in Alzheimer's Disease: Confuting the Amyloid Cascade. <i>Journal of Alzheimer's Disease</i> , 2018, 64, S611-S631.	1.2	102
20	Intracellular Accumulation of Amyloid- β (A β) Protein Plays a Major Role in A β -Induced Alterations of Glutamatergic Synaptic Transmission and Plasticity. <i>Journal of Neuroscience</i> , 2014, 34, 12893-12903.	1.7	101
21	Alzheimer's amyloid β^2 -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, 206-213.	1.0	97
22	HSV-1 and Alzheimer's disease: more than a hypothesis. <i>Frontiers in Pharmacology</i> , 2014, 5, 97.	1.6	89
23	Protection of primary neurons and mouse brain from Alzheimer's pathology by molecular tweezers. <i>Brain</i> , 2012, 135, 3735-3748.	3.7	86
24	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, 354-363.	2.5	85
25	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, 469-476.	0.7	85
26	Reduced gliotransmitter release from astrocytes mediates tau-induced synaptic dysfunction in cultured hippocampal neurons. <i>Glia</i> , 2017, 65, 1302-1316.	2.5	82
27	Herpes Simplex Virus type-1 infection induces synaptic dysfunction in cultured cortical neurons via GSK-3 activation and intraneuronal amyloid- β^2 protein accumulation. <i>Scientific Reports</i> , 2015, 5, 15444.	1.6	79
28	Intraneuronal A β^2 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.	1.5	78
29	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.	1.7	71
30	Biliverdin Reductase-A Mediates the Beneficial Effects of Intranasal Insulin in Alzheimer Disease. <i>Molecular Neurobiology</i> , 2019, 56, 2922-2943.	1.9	70
31	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, 1216-1230.	3.7	68
32	Modulation of Hippocampal Neural Plasticity by Glucose-Related Signaling. <i>Neural Plasticity</i> , 2015, 2015, 1-10.	1.0	67
33	A CREB-Sirt1-Hes1 Circuitry Mediates Neural Stem Cell Response to Glucose Availability. <i>Cell Reports</i> , 2016, 14, 1195-1205.	2.9	66
34	The dual role of curcumin and ferulic acid in counteracting chemoresistance and cisplatin-induced ototoxicity. <i>Scientific Reports</i> , 2020, 10, 1063.	1.6	66
35	Epigenetic Modulation of Adult Hippocampal Neurogenesis by Extremely Low-Frequency Electromagnetic Fields. <i>Molecular Neurobiology</i> , 2014, 49, 1472-1486.	1.9	64
36	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.	1.6	61

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37	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.	1.2	57
38	Herpes Simplex Virus Type-1 Infection Impairs Adult Hippocampal Neurogenesis via Amyloid- β^2 Protein Accumulation. <i>Stem Cells</i> , 2019, 37, 1467-1480.	1.4	57
39	Nitric oxide inhibits neuroendocrine CaV1 L-type channel gating via cGMP-dependent protein kinase in cell-attached patches of bovine chromaffin cells. <i>Journal of Physiology</i> , 2002, 541, 351-366.	1.3	56
40	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, 678-690.	1.1	56
41	Effects of different amyloid β^2 -protein analogues on synaptic function. <i>Neurobiology of Aging</i> , 2013, 34, 1032-1044.	1.5	56
42	The effect of amyloid- β^2 peptide on synaptic plasticity and memory is influenced by different isoforms, concentrations, and aggregation status. <i>Neurobiology of Aging</i> , 2018, 71, 51-60.	1.5	55
43	Isolation of Cancer Stem Cells from Three Human Glioblastoma Cell Lines: Characterization of Two Selected Clones. <i>PLoS ONE</i> , 2014, 9, e105166.	1.1	53
44	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.	1.3	48
45	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.	1.8	46
46	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, 7485-7492.	1.7	45
47	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, 2109-2121.	2.1	45
48	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, 3233-3250.	1.3	43
49	Maternal insulin resistance multigenerationally impairs synaptic plasticity and memory via gametic mechanisms. <i>Nature Communications</i> , 2019, 10, 4799.	5.8	43
50	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, 480-490.	1.0	42
51	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, 1241-1257.	1.3	41
52	Environmental Enrichment and Social Isolation Mediate Neuroplasticity of Medium Spiny Neurons through the GSK3 Pathway. <i>Cell Reports</i> , 2018, 23, 555-567.	2.9	38
53	Auditory steady-state responses to click trains from the rat temporal cortex. <i>Clinical Neurophysiology</i> , 1999, 110, 62-70.	0.7	36
54	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.	1.8	36

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55	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, 464-476.	1.8	35
56	Effect of sympathetic nervous system activation on the tonic vibration reflex in rabbit jaw closing muscles. <i>Journal of Physiology</i> , 1993, 469, 601-613.	1.3	34
57	Tau is not necessary for amyloid- β -induced synaptic and memory impairments. <i>Journal of Clinical Investigation</i> , 2020, 130, 4831-4844.	3.9	34
58	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.	1.8	33
59	Role of BDNF Signaling in Memory Enhancement Induced by Transcranial Direct Current Stimulation. <i>Frontiers in Neuroscience</i> , 2018, 12, 427.	1.4	32
60	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.	1.6	32
61	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.	1.8	31
62	Pioglitazone Represents an Effective Therapeutic Target in Preventing Oxidative/Inflammatory Cochlear Damage Induced by Noise Exposure. <i>Frontiers in Pharmacology</i> , 2018, 9, 1103.	1.6	31
63	Anodal transcranial direct current stimulation affects auditory cortex plasticity in normal-hearing and noise-exposed rats. <i>Brain Stimulation</i> , 2018, 11, 1008-1023.	0.7	31
64	Functional role of cyclic nucleotide-gated channels in rat medial vestibular nucleus neurons. <i>Journal of Physiology</i> , 2008, 586, 803-815.	1.3	30
65	Surprising toxicity and assembly behaviour of amyloid β -protein oxidized to sulfone. <i>Biochemical Journal</i> , 2011, 433, 323-332.	1.7	30
66	Chronic mild stress alters synaptic plasticity in the nucleus accumbens through GSK3 β -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.	3.3	30
67	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, 50-56.	1.0	29
68	17 β -Estradiol protects cerebellar granule cells against β -amyloid-induced toxicity via the apoptotic mitochondrial pathway. <i>Neuroscience Letters</i> , 2014, 561, 134-139.	1.0	29
69	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.	1.3	29
70	Passive immunotherapy for N-truncated tau ameliorates the cognitive deficits in two mouse Alzheimer's disease models. <i>Brain Communications</i> , 2020, 2, fcaa039.	1.5	29
71	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.	1.9	28
72	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.	1.7	28

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73	Role of methionine 35 in the intracellular Ca ²⁺ homeostasis dysregulation and Ca ²⁺ -dependent apoptosis induced by amyloid β -peptide in human neuroblastoma IMR32 cells. <i>Journal of Neurochemistry</i> , 2008, 107, 1070-1082.	2.1	27
74	Sympathetic control of skeletal muscle function: possible co-operation between noradrenaline and neuropeptide Y in rabbit jaw muscles. <i>Neuroscience Letters</i> , 1996, 212, 204-208.	1.0	26
75	Modulation of Cav1 and Cav2.2 channels induced by nitric oxide via cGMP-dependent protein kinase. <i>Neurochemistry International</i> , 2004, 45, 885-893.	1.9	26
76	Action of the sympathetic system on skeletal muscle. <i>Italian Journal of Neurological Sciences</i> , 1988, 9, 23-28.	0.1	25
77	Auditory sensory deprivation induced by noise exposure exacerbates cognitive decline in a mouse model of Alzheimer's disease. <i>ELife</i> , 2021, 10, .	2.8	25
78	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.	1.1	24
79	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.	1.6	24
80	Nutrient-Dependent Changes of Protein Palmitoylation: Impact on Nuclear Enzymes and Regulation of Gene Expression. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3820.	1.8	23
81	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.	1.4	23
82	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, 163-167.	1.9	22
83	Expression of olfactory-type cyclic nucleotide-gated channels in rat cortical astrocytes. <i>Glia</i> , 2012, 60, 1391-1405.	2.5	22
84	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.	1.4	22
85	H19-Dependent Transcriptional Regulation of β 3 and β 4 Integrins Upon Estrogen and Hypoxia Favors Metastatic Potential in Prostate Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4012.	1.8	22
86	Early Noise-Induced Hearing Loss Accelerates Presbycusis Altering Aging Processes in the Cochlea. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 803973.	1.7	22
87	Ca ²⁺ channel inhibition induced by nitric oxide in rat insulinoma RINm5F cells. <i>Pflugers Archiv European Journal of Physiology</i> , 1999, 437, 241-247.	1.3	21
88	NO-donor thiocarbocyanines as multifunctional agents for Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4688-4698.	1.4	21
89	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.	2.8	21
90	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.	0.7	20

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91	Neural Stem Cell-Derived Exosomes Revert HFD-Dependent Memory Impairment via CREB-BDNF Signalling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8994.	1.8	20
92	Role of Cyclic Nucleotide-Gated Channels in the Modulation of Mouse Hippocampal Neurogenesis. <i>PLoS ONE</i> , 2013, 8, e73246.	1.1	20
93	Metabolic Reprogramming by Malat1 Depletion in Prostate Cancer. <i>Cancers</i> , 2021, 13, 15.	1.7	20
94	Transcranial Direct Current Stimulation Enhances Neuroplasticity and Accelerates Motor Recovery in a Stroke Mouse Model. <i>Stroke</i> , 2022, 53, 1746-1758.	1.0	20
95	Sildenafil normalizes MALAT1 level in diabetic cardiomyopathy. <i>Endocrine</i> , 2018, 62, 259-262.	1.1	19
96	Possible modulation of auditory middle latency responses by nitric oxide in the inferior colliculus of anaesthetized rats. <i>Neuroscience Letters</i> , 1995, 196, 213-217.	1.0	18
97	The Medial Septum Is Insulin Resistant in the AD Presymptomatic Phase: Rescue by Nerve Growth Factor-Driven IRS1 Activation. <i>Molecular Neurobiology</i> , 2019, 56, 535-552.	1.9	18
98	Dopaminergic-GABAergic interplay and alcohol binge drinking. <i>Pharmacological Research</i> , 2019, 141, 384-391.	3.1	18
99	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.	1.1	18
100	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.	1.3	17
101	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, 2124-2132.	1.2	17
102	Brain insulin resistance impairs hippocampal plasticity. <i>Vitamins and Hormones</i> , 2020, 114, 281-306.	0.7	17
103	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, 3746.	1.8	17
104	Postsynaptic α 1- and α 2- adrenoceptors mediating the action of the sympathetic system on muscle spindles, in the rabbit. <i>Pharmacological Research Communications</i> , 1986, 18, 161-170.	0.2	16
105	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.	1.3	16
106	Plasma BDNF Levels Following Transcranial Direct Current Stimulation Allow Prediction of Synaptic Plasticity and Memory Deficits in 3 β -Tg-AD Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 541.	1.8	16
107	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.	0.8	16
108	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.	1.3	14

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109	Signaling through estrogen receptors modulates long non-coding RNAs in prostate cancer. <i>Molecular and Cellular Endocrinology</i> , 2020, 511, 110864.	1.6	13
110	Neural Stem Cell-Derived Extracellular Vesicles Counteract Insulin Resistance-Induced Senescence of Neurogenic Niche. <i>Stem Cells</i> , 2022, 40, 318-331.	1.4	12
111	NIR multiphoton ablation of cancer cells, fluorescence quenching and cellular uptake of dansyl-glutathione-coated gold nanoparticles. <i>Scientific Reports</i> , 2020, 10, 11380.	1.6	11
112	Ca ²⁺ -dependent release of ATP from astrocytes affects herpes simplex virus type 1 infection of neurons. <i>Glia</i> , 2021, 69, 201-215.	2.5	11
113	Tension development in lumbrical muscles and concomitant increase of activity in A ₁ and A ₂ afferents during sympathetic stimulation in the cat. <i>Brain Research</i> , 1987, 435, 15-23.	1.1	10
114	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.	1.9	10
115	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, 201-211.	0.9	10
116	Glutamate/GABA co-release selectively influences postsynaptic glutamate receptors in mouse cortical neurons. <i>Neuropharmacology</i> , 2019, 161, 107737.	2.0	10
117	Noise-Induced Cochlear Damage Involves PPAR Down-Regulation through the Interplay between Oxidative Stress and Inflammation. <i>Antioxidants</i> , 2021, 10, 1188.	2.2	10
118	Characterization of Ca ²⁺ -Channels Responsible for K ⁺ -Evoked [3H]Noradrenaline Release from Rat Brain Cortex Synaptosomes and Their Response to Amyotrophic Lateral Sclerosis IgGs. <i>Experimental Neurology</i> , 1999, 159, 520-527.	2.0	9
119	GSK3 β Modulates Timing-Dependent Long-Term Depression Through Direct Phosphorylation of Kv4.2 Channels. <i>Cerebral Cortex</i> , 2019, 29, 1851-1865.	1.6	8
120	Basic and Preclinical Research for Personalized Medicine. <i>Journal of Personalized Medicine</i> , 2021, 11, 354.	1.1	8
121	Monitoring the Response of Hyperbilirubinemia in the Mouse Brain by In Vivo Bioluminescence Imaging. <i>International Journal of Molecular Sciences</i> , 2017, 18, 50.	1.8	7
122	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.	1.8	7
123	Engineering a switchable single-chain TEV protease to control protein maturation in living neurons. <i>Bioengineering and Translational Medicine</i> , 2022, 7, .	3.9	7
124	Extracellular tau oligomers affect extracellular glutamate handling by astrocytes through downregulation of GLT ₁ expression and impairment of NKA1A2 function. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	1.8	7
125	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.	0.8	6
126	Resveratrol corrects aberrant splicing of RYR1 pre-mRNA and Ca ²⁺ signal in myotonic dystrophy type 1 myotubes. <i>Neural Regeneration Research</i> , 2020, 15, 1757.	1.6	5

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127	Activation of histamine type 2 receptors enhances intrinsic excitability of medium spiny neurons in the nucleus accumbens. <i>Journal of Physiology</i> , 2022, 600, 2225-2243.	1.3	5
128	Expression of cyclic nucleotide-gated channels in the rat medial vestibular nucleus. <i>NeuroReport</i> , 2005, 16, 1939-1943.	0.6	4
129	Establishment of a protocol to extend the lifespan of human hormone-secreting pituitary adenoma cells. <i>Endocrine</i> , 2018, 59, 102-108.	1.1	4
130	Somatic Deletion in Exon 10 of Aryl Hydrocarbon Receptor Gene in Human GH-Secreting Pituitary Tumors. <i>Frontiers in Endocrinology</i> , 2020, 11, 591039.	1.5	4
131	Whole Blood Transcriptome Characterization of 3xTg-AD Mouse and Its Modulation by Transcranial Direct Current Stimulation (tDCS). <i>International Journal of Molecular Sciences</i> , 2021, 22, 7629.	1.8	4
132	Epigenetic regulation of neural stem cells: The emerging role of nucleoporins. <i>Stem Cells</i> , 2021, 39, 1601-1614.	1.4	4
133	Biliverdin reductase bridges focal adhesion kinase to Src to modulate synaptic signaling. <i>Science Signaling</i> , 2022, 15, eabh3066.	1.6	4
134	MALAT1 as a Regulator of the Androgen-Dependent Choline Kinase A Gene in the Metabolic Rewiring of Prostate Cancer. <i>Cancers</i> , 2022, 14, 2902.	1.7	4
135	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.	0.2	3
136	Hippocampal Estrogen Signaling Mediates Sex Differences in Retroactive Interference. <i>Biomedicines</i> , 2022, 10, 1387.	1.4	3
137	The effects of transcranial direct current stimulation on hippocampal function may be predictive of altered plasticity in animal models of alzheimer's disease. <i>Journal of the Neurological Sciences</i> , 2017, 381, 83.	0.3	1
138	Nitric Oxide and Voltage-Gated Ca ²⁺ Channels. , 2004, , 137-155.		1
139	Role of AL, FE, CU in the Alterations of Mechanical Properties of Cortical Neurons Probed by Atomic Force Microscopy. <i>Biophysical Journal</i> , 2016, 110, 148a.	0.2	0
140	Herpes simplex virus type 1 (hsv-1) infection as a risk factor for ad: possible role of neuroinflammation and oxidative stress. <i>Journal of the Neurological Sciences</i> , 2017, 381, 93-94.	0.3	0
141	Critical Role of d -Serine Signaling in Synaptic Plasticity Relevant to Cocaine Addiction. , 2017, , 155-161.		0
142	High fat diet leads to aberrant protein Oâ€œGlcNAcylation and to the development of Alzheimer disease signatures in mice. <i>Alzheimer's and Dementia</i> , 2020, 16, e039449.	0.4	0
143	Detection of lncRNAs in thyroid nodule as new tool for tumor diagnosis: analysis by Droplet Digital PCR in Fine Needle Aspiration biopsy. <i>Endocrine Abstracts</i> , 0, , .	0.0	0
144	INSULINO-RESISTENZA E CERVELLO: EVIDENZE MOLECOLARI E NUOVI BIOMARCATORI ALLA BASE DEL LEGAME TRA PATOLOGIE METABOLICHE E NEURODEGENERATIVE. <i>Il Diabete</i> , 2019, 3, .	0.0	0