

# Matteo Caleo

## List of Publications by Year in descending order

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141  
papers

6,575  
citations

70961

41  
h-index

76769

74  
g-index

158  
all docs

158  
docs citations

158  
times ranked

9766  
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain-derived neurotrophic factor (BDNF) is required for the enhancement of hippocampal neurogenesis following environmental enrichment. <i>European Journal of Neuroscience</i> , 2006, 24, 1850-1856.	1.2	523
2	Long-Distance Retrograde Effects of Botulinum Neurotoxin A. <i>Journal of Neuroscience</i> , 2008, 28, 3689-3696.	1.7	382
3	Environmental enrichment strengthens corticocortical interactions and reduces amyloid- $\beta^2$ oligomers in aged mice. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 1.	1.7	331
4	Microvesicles released from microglia stimulate synaptic activity via enhanced sphingolipid metabolism. <i>EMBO Journal</i> , 2012, 31, 1231-1240.	3.5	266
5	Botulinum Neurotoxins A and E Undergo Retrograde Axonal Transport in Primary Motor Neurons. <i>PLoS Pathogens</i> , 2012, 8, e1003087.	2.1	164
6	A Radial Glia-Specific Role of RhoA in Double Cortex Formation. <i>Neuron</i> , 2012, 73, 911-924.	3.8	157
7	Neuroplastic Changes Following Brain Ischemia and their Contribution to Stroke Recovery: Novel Approaches in Neurorehabilitation. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 76.	1.8	144
8	Evidence for Anterograde Transport and Transcytosis of Botulinum Neurotoxin A (BoNT/A). <i>Journal of Neuroscience</i> , 2011, 31, 15650-15659.	1.7	139
9	Ultra-High Mass Resolution MALDI Imaging Mass Spectrometry of Proteins and Metabolites in a Mouse Model of Glioblastoma. <i>Scientific Reports</i> , 2017, 7, 603.	1.6	134
10	Neuroinflammatory targets and treatments for epilepsy validated in experimental models. <i>Epilepsia</i> , 2017, 58, 27-38.	2.6	131
11	Acute retinal ganglion cell injury caused by intraocular pressure spikes is mediated by endogenous extracellular ATP. <i>European Journal of Neuroscience</i> , 2007, 25, 2741-2754.	1.2	128
12	Epilepsy as a Neurodevelopmental Disorder. <i>Frontiers in Psychiatry</i> , 2012, 3, 19.	1.3	120
13	Synergistic Effects of Brain-Derived Neurotrophic Factor and Chondroitinase ABC on Retinal Fiber Sprouting after Denervation of the Superior Colliculus in Adult Rats. <i>Journal of Neuroscience</i> , 2003, 23, 7034-7044.	1.7	118
14	Brain-derived neurotrophic factor is an anterograde survival factor in the rat visual system. <i>Current Biology</i> , 2000, 10, 1155-1161.	1.8	111
15	Randomized trial on the effects of a combined physical/cognitive training in aged MCI subjects: the Train the Brain study. <i>Scientific Reports</i> , 2017, 7, 39471.	1.6	108
16	AP2 $\beta$ regulates basal progenitor fate in a region- and layer-specific manner in the developing cortex. <i>Nature Neuroscience</i> , 2009, 12, 1229-1237.	7.1	101
17	Central effects of tetanus and botulinum neurotoxins. <i>Toxicon</i> , 2009, 54, 593-599.	0.8	101
18	Early depolarizing GABA controls critical-period plasticity in the rat visual cortex. <i>Nature Neuroscience</i> , 2015, 18, 87-96.	7.1	98

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19	The Chemokine CCL2 Mediates the Seizure-enhancing Effects of Systemic Inflammation. <i>Journal of Neuroscience</i> , 2016, 36, 3777-3788.	1.7	92
20	Antiepileptic Effects of Botulinum Neurotoxin E. <i>Journal of Neuroscience</i> , 2005, 25, 1943-1951.	1.7	87
21	More than at the Neuromuscular Synapse. <i>Neuroscientist</i> , 2015, 21, 44-61.	2.6	84
22	Botulinum Neurotoxin A Impairs Neurotransmission Following Retrograde Transynaptic Transport. <i>Traffic</i> , 2012, 13, 1083-1089.	1.3	79
23	Epileptiform Activity and Cognitive Deficits in SNAP-25+/Δ <sup>+</sup> Mice are Normalized by Antiepileptic Drugs. <i>Cerebral Cortex</i> , 2014, 24, 364-376.	1.6	78
24	A reappraisal of the central effects of botulinum neurotoxin type A: by what mechanism?. <i>Journal of Neurochemistry</i> , 2009, 109, 15-24.	2.1	75
25	Functional Masking of Deprived Eye Responses by Callosal Input during Ocular Dominance Plasticity. <i>Neuron</i> , 2009, 64, 707-718.	3.8	71
26	Rehabilitation and plasticity following stroke: Insights from rodent models. <i>Neuroscience</i> , 2015, 311, 180-194.	1.1	69
27	Advanced Neurotechnologies for the Restoration of Motor Function. <i>Neuron</i> , 2020, 105, 604-620.	3.8	69
28	Activation of Rho GTPases Triggers Structural Remodeling and Functional Plasticity in the Adult Rat Visual Cortex. <i>Journal of Neuroscience</i> , 2011, 31, 15163-15172.	1.7	67
29	The Corpus Callosum and the Visual Cortex: Plasticity Is a Game for Two. <i>Neural Plasticity</i> , 2012, 2012, 1-10.	1.0	64
30	Reducing GABA <sub>A</sub> -mediated inhibition improves forelimb motor function after focal cortical stroke in mice. <i>Scientific Reports</i> , 2016, 6, 37823.	1.6	61
31	Role of extracellular calcium and mitochondrial oxygen species in psychosine-induced oligodendrocyte cell death. <i>Cell Death and Disease</i> , 2014, 5, e1529-e1529.	2.7	60
32	Chemokines as new inflammatory players in the pathogenesis of epilepsy. <i>Epilepsy Research</i> , 2017, 136, 77-83.	0.8	58
33	Mass Spectrometry Imaging, Laser Capture Microdissection, and LC-MS/MS of the Same Tissue Section. <i>Journal of Proteome Research</i> , 2017, 16, 2993-3001.	1.8	58
34	Environmental enrichment potentiates thalamocortical transmission and plasticity in the adult rat visual cortex. <i>Journal of Neuroscience Research</i> , 2010, 88, 3048-3059.	1.3	54
35	Transient Synaptic Silencing of Developing Striate Cortex Has Persistent Effects on Visual Function and Plasticity. <i>Journal of Neuroscience</i> , 2007, 27, 4530-4540.	1.7	53
36	Botulinum neurotoxin E (BoNT/E) reduces CA1 neuron loss and granule cell dispersion, with no effects on chronic seizures, in a mouse model of temporal lobe epilepsy. <i>Experimental Neurology</i> , 2008, 210, 388-401.	2.0	52

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37	Evidence for metaplasticity in the human visual cortex. <i>Journal of Neural Transmission</i> , 2014, 121, 221-231.	1.4	52
38	Provision of Brain-Derived Neurotrophic Factor via Anterograde Transport from the Eye Preserves the Physiological Responses of Axotomized Geniculate Neurons. <i>Journal of Neuroscience</i> , 2003, 23, 287-296.	1.7	51
39	Impaired reelin processing and secretion by Cajal-Retzius cells contributes to granule cell dispersion in a mouse model of temporal lobe epilepsy. <i>Hippocampus</i> , 2011, 21, 935-944.	0.9	51
40	Combining robotic training and inactivation of the healthy hemisphere restores pre-stroke motor patterns in mice. <i>ELife</i> , 2017, 6, .	2.8	50
41	A Robotic System for Quantitative Assessment and Poststroke Training of Forelimb Retraction in Mice. <i>Neurorehabilitation and Neural Repair</i> , 2014, 28, 188-196.	1.4	49
42	Obese mice exposed to psychosocial stress display cardiac and hippocampal dysfunction associated with local brain-derived neurotrophic factor depletion. <i>EBioMedicine</i> , 2019, 47, 384-401.	2.7	49
43	Quantitative Kinematic Characterization of Reaching Impairments in Mice After a Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2015, 29, 382-392.	1.4	46
44	A Role for Retinal Brain-Derived Neurotrophic Factor in Ocular Dominance Plasticity. <i>Current Biology</i> , 2005, 15, 2119-2124.	1.8	45
45	Action of botulinum neurotoxins in the central nervous system: Antiepileptic effects. <i>Neurotoxicity Research</i> , 2006, 9, 197-203.	1.3	44
46	Bright light exposure reduces TH-positive dopamine neurons: implications of light pollution in Parkinson's disease epidemiology. <i>Scientific Reports</i> , 2013, 3, 1395.	1.6	44
47	New signalling pathway involved in the anti-proliferative action of vitamin D3 and its analogues in human neuroblastoma cells. A role for ceramide kinase. <i>Neuropharmacology</i> , 2012, 63, 524-537.	2.0	42
48	Direct central nervous system effects of botulinum neurotoxin. <i>Toxicon</i> , 2018, 147, 68-72.	0.8	42
49	Combined Rehabilitation Promotes the Recovery of Structural and Functional Features of Healthy Neuronal Networks after Stroke. <i>Cell Reports</i> , 2019, 28, 3474-3485.e6.	2.9	42
50	Transynaptic Action of Botulinum Neurotoxin Type A at Central Cholinergic Boutons. <i>Journal of Neuroscience</i> , 2018, 38, 10329-10337.	1.7	41
51	Cracking Down on Inhibition: Selective Removal of GABAergic Interneurons from Hippocampal Networks. <i>Journal of Neuroscience</i> , 2012, 32, 1989-2001.	1.7	40
52	Epilepsy, Seizures, and Inflammation: Role of the C-C Motif Ligand 2 Chemokine. <i>DNA and Cell Biology</i> , 2016, 35, 257-260.	0.9	39
53	Intrahippocampal infusion of botulinum neurotoxin E (BoNT/E) reduces spontaneous recurrent seizures in a mouse model of mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2009, 50, 963-966.	2.6	38
54	Intravenous infusion of human bone marrow mesenchymal stromal cells promotes functional recovery and neuroplasticity after ischemic stroke in mice. <i>Scientific Reports</i> , 2017, 7, 6962.	1.6	36

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55	Callosal contribution to ocular dominance in rat primary visual cortex. <i>European Journal of Neuroscience</i> , 2010, 32, 1163-1169.	1.2	34
56	An unexpected target of spinal direct current stimulation: Interhemispheric connectivity in humans. <i>Journal of Neuroscience Methods</i> , 2015, 254, 18-26.	1.3	34
57	Differential roles of pyramidal and fast-spiking, GABAergic neurons in the control of glioma cell proliferation. <i>Neurobiology of Disease</i> , 2020, 141, 104942.	2.1	34
58	Tetanus neurotoxin-induced epilepsy in mouse visual cortex. <i>Epilepsia</i> , 2012, 53, e132-6.	2.6	33
59	Glial-fibrillary-acidic-protein (GFAP) biomarker detection in serum-matrix: Functionalization strategies and detection by an ultra-high-frequency surface-acoustic-wave (UHF-SAW) lab-on-chip.. <i>Biosensors and Bioelectronics</i> , 2021, 172, 112774.	5.3	32
60	Re-Assembled Botulinum Neurotoxin Inhibits CNS Functions without Systemic Toxicity. <i>Toxins</i> , 2011, 3, 345-355.	1.5	31
61	Synthetic Self-Assembling Clostridial Chimera for Modulation of Sensory Functions. <i>Bioconjugate Chemistry</i> , 2013, 24, 1750-1759.	1.8	31
62	Effects of nerve growth factor on visual cortical plasticity require afferent electrical activity. <i>European Journal of Neuroscience</i> , 1999, 11, 2979-2984.	1.2	30
63	Dysregulated autophagy as a new aspect of the molecular pathogenesis of Krabbe disease. <i>Neurobiology of Disease</i> , 2019, 129, 195-207.	2.1	30
64	Environmental Enrichment Modulates Cortico-Cortical Interactions in the Mouse. <i>PLoS ONE</i> , 2011, 6, e25285.	1.1	29
65	Expression of the transcription factor Zif268 in the visual cortex of monocularly deprived rats: effects of nerve growth factor. <i>Neuroscience</i> , 1999, 91, 1017-1026.	1.1	28
66	Environmental enrichment reduces spontaneous seizures in the Q54 transgenic mouse model of temporal lobe epilepsy. <i>Epilepsia</i> , 2011, 52, e113-e117.	2.6	28
67	Altered GABAergic markers, increased binocularity and reduced plasticity in the visual cortex of <i>Engrailed-2</i> knockout mice. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 163.	1.8	28
68	The functional characterization of callosal connections. <i>Progress in Neurobiology</i> , 2022, 208, 102186.	2.8	28
69	Visual callosal connections: role in visual processing in health and disease. <i>Reviews in the Neurosciences</i> , 2014, 25, 113-27.	1.4	26
70	Axonal Transport Blockade in the Neonatal Rat Optic Nerve Induces Limited Retinal Ganglion Cell Death. <i>Journal of Neuroscience</i> , 1997, 17, 7045-7052.	1.7	25
71	Quantitative Microproteomics Based Characterization of the Central and Peripheral Nervous System of a Mouse Model of Krabbe Disease. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1227-1241.	2.5	25
72	Transcallosal inhibition dampens neural responses to high contrast stimuli in human visual cortex. <i>Neuroscience</i> , 2011, 187, 43-51.	1.1	24

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73	Unilateral Application of Cathodal tDCS Reduces Transcallosal Inhibition and Improves Visual Acuity in Amblyopic Patients. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 109.	1.0	24
74	Experimental and Computational Study on Motor Control and Recovery After Stroke: Toward a Constructive Loop Between Experimental and Virtual Embodied Neuroscience. <i>Frontiers in Systems Neuroscience</i> , 2020, 14, 31.	1.2	23
75	Anterograde Transport of Neurotrophic Factors: Possible Therapeutic Implications. <i>Molecular Neurobiology</i> , 2004, 29, 179-196.	1.9	22
76	Altered sensory processing and dendritic remodeling in hyperexcitable visual cortical networks. <i>Brain Structure and Function</i> , 2016, 221, 2919-2936.	1.2	22
77	Progression of motor deficits in glioma-bearing mice: impact of CNF1 therapy at symptomatic stages. <i>Oncotarget</i> , 2017, 8, 23539-23550.	0.8	22
78	Electrophysiology of glioma: a Rho GTPase-activating protein reduces tumor growth and spares neuron structure and function. <i>Neuro-Oncology</i> , 2016, 18, 1634-1643.	0.6	21
79	Activity-dependent expression of Channelrhodopsin at neuronal synapses. <i>Nature Communications</i> , 2017, 8, 1629.	5.8	21
80	The Role of Activity in Synaptic Degeneration in a Protein Misfolding Disease, Prion Disease. <i>PLoS ONE</i> , 2012, 7, e41182.	1.1	21
81	Impaired neurogenesis, learning and memory and low seizure threshold associated with loss of neural precursor cell survivin. <i>BMC Neuroscience</i> , 2010, 11, 2.	0.8	20
82	The bacterial protein toxin, cytotoxic necrotizing factor 1 (CNF1) provides long-term survival in a murine glioma model. <i>BMC Cancer</i> , 2014, 14, 449.	1.1	19
83	Neurons Generated by Mouse ESCs with Hippocampal or Cortical Identity Display Distinct Projection Patterns When Co-transplanted in the Adult Brain. <i>Stem Cell Reports</i> , 2018, 10, 1016-1029.	2.3	19
84	Calpain activity contributes to the control of SNAP-25 levels in neurons. <i>Molecular and Cellular Neurosciences</i> , 2008, 39, 314-323.	1.0	18
85	Vascular Function Is Improved After an Environmental Enrichment Program. <i>Hypertension</i> , 2018, 71, 1218-1225.	1.3	18
86	Acute neuroprotection by the synaptic blocker botulinum neurotoxin E in a rat model of focal cerebral ischaemia. <i>Neuroscience</i> , 2010, 169, 395-401.	1.1	16
87	Vitamin D <sub>3</sub> protects against A $\beta$ <sup>25-35</sup> peptide cytotoxicity in differentiated human neuroblastoma SH-SY5Y cells: A role for S1P1/p38MAPK/ATF4 axis. <i>Neuropharmacology</i> , 2017, 116, 328-342.	2.0	16
88	Cortical Seizures in FoxG1+/ $\Delta$ Mice are Accompanied by Akt/S6 Overactivation, Excitation/Inhibition Imbalance and Impaired Synaptic Transmission. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4127.	1.8	16
89	Post-Stroke Longitudinal Alterations of Inter-Hemispheric Correlation and Hemispheric Dominance in Mouse Pre-Motor Cortex. <i>PLoS ONE</i> , 2016, 11, e0146858.	1.1	16
90	Expression of BCL-2 via adeno-associated virus vectors rescues thalamic neurons after visual cortex lesion in the adult rat. <i>European Journal of Neuroscience</i> , 2002, 15, 1271-1277.	1.2	15

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91	Exploiting Botulinum Neurotoxins for the Study of Brain Physiology and Pathology. <i>Toxins</i> , 2018, 10, 175.	1.5	15
92	BoNT/E prevents seizure-induced activation of caspase 3 in the rat hippocampus. <i>NeuroReport</i> , 2007, 18, 577-580.	0.6	14
93	Environmental enrichment promotes fiber sprouting after deafferentation of the superior colliculus in the adult rat brain. <i>Experimental Neurology</i> , 2009, 216, 515-519.	2.0	14
94	Increased dopaminergic innervation in the brain of conditional mutant mice overexpressing Otx2: Effects on locomotor behavior and seizure susceptibility. <i>Neuroscience</i> , 2014, 261, 173-183.	1.1	14
95	Reorganization of Visual Callosal Connections Following Alterations of Retinal Input and Brain Damage. <i>Frontiers in Systems Neuroscience</i> , 2016, 10, 86.	1.2	14
96	Altered recovery from inhibitory repetitive transcranial magnetic stimulation (rTMS) in subjects with photosensitive epilepsy. <i>Clinical Neurophysiology</i> , 2016, 127, 3353-3361.	0.7	14
97	Pharmacological rescue of adult hippocampal neurogenesis in a mouse model of X-linked intellectual disability. <i>Neurobiology of Disease</i> , 2017, 100, 75-86.	2.1	14
98	A Robotic System for Adaptive Training and Function Assessment of Forelimb Retraction in Mice. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018, 26, 1803-1812.	2.7	14
99	Proteomics analysis of serum small extracellular vesicles for the longitudinal study of a glioblastoma multiforme mouse model. <i>Scientific Reports</i> , 2020, 10, 20498.	1.6	13
100	Pathogenic <i>NR2F1</i> variants cause a developmental ocular phenotype recapitulated in a mutant mouse model. <i>Brain Communications</i> , 2021, 3, fcab162.	1.5	13
101	A comparative morphometric analysis of the optic nerve in two cetacean species, the striped dolphin ( <i>Stenella coeruleoalba</i> ) and fin whale ( <i>Balaenoptera physalus</i> ). <i>Visual Neuroscience</i> , 2001, 18, 319-325.	0.5	12
102	A triheptanoin-supplemented diet rescues hippocampal hyperexcitability and seizure susceptibility in FoxG1 mice. <i>Neuropharmacology</i> , 2019, 148, 305-310.	2.0	12
103	ROCK/PKA Inhibition Rescues Hippocampal Hyperexcitability and GABAergic Neuron Alterations in a Oligophrenin-1 Knock-Out Mouse Model of X-Linked Intellectual Disability. <i>Journal of Neuroscience</i> , 2020, 40, 2776-2788.	1.7	12
104	CTX-CNF1 Recombinant Protein Selectively Targets Glioma Cells In Vivo. <i>Toxins</i> , 2021, 13, 194.	1.5	11
105	Macro-EMG and MUNE Changes in Patients with Amyotrophic Lateral Sclerosis: One-Year Follow Up. <i>International Journal of Neuroscience</i> , 2011, 121, 257-266.	0.8	10
106	Loss of survivin in neural precursor cells results in impaired long-term potentiation in the dentate gyrus and CA1-region. <i>Neuroscience</i> , 2013, 231, 413-419.	1.1	10
107	A switch from interocular to interhemispheric suppression following monocular deprivation in the rat visual cortex. <i>European Journal of Neuroscience</i> , 2014, 40, 2283-2292.	1.2	10
108	Bacterial Toxins and Targeted Brain Therapy: New Insights from Cytotoxic Necrotizing Factor 1 (CNF1). <i>International Journal of Molecular Sciences</i> , 2018, 19, 1632.	1.8	10

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109	Role of neurotrophins in neural plasticity: what we learn from the visual cortex. <i>Restorative Neurology and Neuroscience</i> , 1999, 15, 125-36.	0.4	10
110	Epilepsy: synapses stuck in childhood. <i>Nature Medicine</i> , 2009, 15, 1126-1127.	15.2	9
111	Pluripotent Stem Cells for Brain Repair: Protocols and Preclinical Applications in Cortical and Hippocampal Pathologies. <i>Frontiers in Neuroscience</i> , 2019, 13, 684.	1.4	9
112	Voluntary Physical Exercise Reduces Motor Dysfunction and Hampers Tumor Cell Proliferation in a Mouse Model of Glioma. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5667.	1.2	9
113	Narrow and Broad $\hat{\Gamma}^3$ Bands Process Complementary Visual Information in Mouse Primary Visual Cortex. <i>ENeuro</i> , 2021, 8, ENEURO.0106-21.2021.	0.9	9
114	Cell-to-Cell Interactions Mediating Functional Recovery after Stroke. <i>Cells</i> , 2021, 10, 3050.	1.8	9
115	BoNT/E prevents seizure-induced activation of caspase 3 in the rat hippocampus. <i>NeuroReport</i> , 2007, 18, 373-6.	0.6	9
116	Longitudinal Bottom-Up Proteomics of Serum, Serum Extracellular Vesicles, and Cerebrospinal Fluid Reveals Candidate Biomarkers for Early Detection of Glioblastoma in a Murine Model. <i>Molecules</i> , 2021, 26, 5992.	1.7	8
117	Differential Motor Neuron Impairment and Axonal Regeneration in Sporadic and Familial Amyotrophic Lateral Sclerosis with SOD-1 Mutations: Lessons from Neurophysiology. <i>International Journal of Molecular Sciences</i> , 2011, 12, 9203-9215.	1.8	7
118	Synaptic Vesicles Dynamics in Neocortical Epilepsy. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 606142.	1.8	7
119	Visual System Impairment in a Mouse Model of Krabbe Disease: The Twitcher Mouse. <i>Biomolecules</i> , 2021, 11, 7.	1.8	7
120	Chronic lithium administration in a mouse model for Krabbe disease. <i>JIMD Reports</i> , 2022, 63, 50-65.	0.7	7
121	Time evolution of interhemispheric coupling in a model of focal neocortical epilepsy in mice. <i>Physical Review E</i> , 2016, 94, 032409.	0.8	6
122	Dynamical properties of LFPs from mice with unilateral injection of TeNT. <i>BioSystems</i> , 2017, 161, 57-66.	0.9	6
123	Plasticity of transcallosal pathways after stroke and their role in recovery. <i>Journal of Physiology</i> , 2018, 596, 1789-1790.	1.3	6
124	Silencing synapses. <i>Prion</i> , 2013, 7, 147-150.	0.9	5
125	Existence of anticorrelations for local field potentials recorded from mice reared in standard condition and environmental enrichment. <i>Physical Review E</i> , 2015, 91, 012702.	0.8	5
126	Different rates of horseradish peroxidase transport in the optic nerve of neonatal and adult rats. <i>Neuroscience</i> , 1996, 72, 725-730.	1.1	4



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127	Adult neurogenesis in intellectual disabilities. <i>Oncotarget</i> , 2017, 8, 45044-45045.	0.8	4
128	Physiology and Plasticity of Interhemispheric Connections. <i>Neural Plasticity</i> , 2013, 2013, 1-2.	1.0	3
129	The bacterial toxin CNF1 as a tool to induce retinal degeneration reminiscent of retinitis pigmentosa. <i>Scientific Reports</i> , 2016, 6, 35919.	1.6	3
130	The synaptic blocker botulinum toxin A decreases the density and complexity of oligodendrocyte precursor cells in the adult mouse hippocampus. <i>Journal of Neuroscience Research</i> , 2021, 99, 2216-2227.	1.3	3
131	Insights into Visual Cortex Plasticity: Interaction Between Genes and Sensory Experience. , 0, , .		1
132	Towards in-silico robotic post-stroke rehabilitation for mice. , 2019, , .		1
133	Combining robotics with enhanced serotonin-driven cortical plasticity improves post-stroke motor recovery. <i>Progress in Neurobiology</i> , 2021, 203, 102073.	2.8	1
134	Multi-level imaging of brain plasticity after stroke. , 2016, , .		1
135	Experience-Dependent Plasticity in the Central Nervous System. , 2013, , 553-576.		0
136	Direct Central Nervous System Effects of Botulinum Neurotoxin. , 0, , 111-114.		0
137	Duplication of clostridial binding domains for enhanced macromolecular delivery into neurons. <i>Toxicon: X</i> , 2020, 5, 100019.	1.2	0
138	Multi scale morpho-functional characterization of damage and rehabilitation after stroke. , 2016, , .		0
139	Multi-scale optical investigation of robotic rehabilitation-induced cortical plasticity after stroke. , 2017, , .		0
140	Rehabilitation Promotes the Recovery of Functional and Structural Features of Healthy Neuronal Networks after Stroke. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
141	Characterization of Neural Signals in Preclinical Studies of Neural Plasticity Using Nonlinear Time Series Analysis. <i>PoliTO Springer Series</i> , 2019, , 33-52.	0.3	0