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List of Publications by Year
in descending order

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81 papers	4,574 citations	87888 38 h-index	102487 66 g-index
82 all docs	82 docs citations	82 times ranked	6244 citing authors

#	Article	IF	Citations
1	Axonal Regeneration and Lack of Astrocytic Gliosis in EphA4-Deficient Mice. Journal of Neuroscience, 2004, 24, 10064-10073.	3.6	281
2	EPHA4 is a disease modifier of amyotrophic lateral sclerosis in animal models and in humans. Nature Medicine, 2012, 18, 1418-1422.	30.7	269
3	LIF receptor signaling limits immune-mediated demyelination by enhancing oligodendrocyte survival. Nature Medicine, 2002, 8, 613-619.	30.7	241
4	Cellular Distribution and Developmental Expression of AMPâ€Activated Protein Kinase Isoforms in Mouse Central Nervous System. Journal of Neurochemistry, 1999, 72, 1707-1716.	3.9	238
5	Neural precursor differentiation into astrocytes requires signaling through the leukemia inhibitory factor receptor. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 3178-3181.	7.1	194
6	Interferon-Î³ but not TNFÎ± promotes neuronal differentiation and neurite outgrowth of murine adult neural stem cells. Experimental Neurology, 2004, 187, 171-177.	4.1	163
7	Suppressor of cytokine signaling 2 regulates neuronal differentiation by inhibiting growth hormone signaling. Nature Neuroscience, 2002, 5, 1155-1162.	14.8	155
8	Roles of Eph receptors and ephrins in the normal and damaged adult CNS. Brain Research Reviews, 2006, 52, 327-345.	9.0	143
9	EphA4 Blockers Promote Axonal Regeneration and Functional Recovery Following Spinal Cord Injury in Mice. PLoS ONE, 2011, 6, e24636.	2.5	118
10	Dysmyelination in transgenic mice resulting from expression of class I histocompatibility molecules in oligodendrocytes. Nature, 1991, 353, 566-569.	27.8	114
11	Treadmill Training after Spinal Cord Hemisection in Mice Promotes Axonal Sprouting and Synapse Formation and Improves Motor Recovery. Journal of Neurotrauma, 2008, 25, 449-465.	3.4	114
12	Interactions between Fibroblast Growth Factors and Notch Regulate Neuronal Differentiation. Journal of Neuroscience, 2001, 21, 5587-5596.	3.6	105
13	Regulation of endogenous neural stem/progenitor cells for neural repairâ€"factors that promote neurogenesis and gliogenesis in the normal and damaged brain. Frontiers in Cellular Neuroscience, 2012, 6, 70.	3.7	103
14	Cytokines that Signal Through the Leukemia Inhibitory Factor Receptor-Î² Complex in the Nervous System. Journal of Neurochemistry, 2000, 74, 889-899.	3.9	100
15	t-PAâ€"specific modulation of a human blood-brain barrier model involves plasmin-mediated activation of the Rho kinase pathway in astrocytes. Blood, 2012, 119, 4752-4761.	1.4	93
16	An all-diamond, hermetic electrical feedthrough array for a retinal prosthesis. Biomaterials, 2014, 35, 908-915.	11.4	89
17	Cytokine-induced SOCS expression is inhibited by cAMP analogue: Impact on regeneration in injured retina. Molecular and Cellular Neurosciences, 2009, 41, 313-324.	2.2	87
18	c-Myb Is Required for Neural Progenitor Cell Proliferation and Maintenance of the Neural Stem Cell Niche in Adult Brain. Stem Cells, 2008, 26, 173-181.	3.2	83

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19	Systemically delivered Erythropoietin transiently enhances adult hippocampal neurogenesis. Journal of Neurochemistry, 2007, 102, 1953-1965.	3.9	72
20	SOCS2 Induces Neurite Outgrowth by Regulation of Epidermal Growth Factor Receptor Activation. Journal of Biological Chemistry, 2004, 279, 16349-16355.	3.4	71
21	Comparative analysis of CNS populations in knockout mice with altered growth hormone responsiveness. European Journal of Neuroscience, 2004, 19, 2069-2079.	2.6	71
22	Suppressor of cytokine signalling-2 and epidermal growth factor regulate neurite outgrowth of cortical neurons. European Journal of Neuroscience, 2004, 20, 2260-2266.	2.6	67
23	Lysophosphatidic Acid Inhibits Neuronal Differentiation of Neural Stem/Progenitor Cells Derived from Human Embryonic Stem Cells. Stem Cells, 2008, 26, 1146-1154.	3.2	66
24	Dual-modality NIRF-MRI cubosomes and hexosomes: High throughput formulation and in vivo biodistribution. Materials Science and Engineering C, 2017, 71, 584-593.	7.3	66
25	Expression of ?suppressor of cytokine signalling? (SOCS) genes in the developing and adult mouse nervous system. Journal of Comparative Neurology, 2000, 423, 348-358.	1.6	64
26	Chemokines and Inflammatory Mediators Interact to Regulate Adult Murine Neural Precursor Cell Proliferation, Survival and Differentiation. PLoS ONE, 2011, 6, e25406.	2.5	63
27	MAG and MOG enhance neurite outgrowth of embryonic mouse spinal cord neurons. NeuroReport, 1998, 9, 1987-1990.	1.2	60
28	Oligodendrocyte Birth and Death following Traumatic Brain Injury in Adult Mice. PLoS ONE, 2015, 10, e0121541.	2.5	59
29	Regulation of neural stem cell differentiation in the forebrain. Immunology and Cell Biology, 1998, 76, 414-418.	2.3	57
30	Regulation of neurotrophin receptor (Trk) signaling: suppressor of cytokine signaling 2 (SOCS2) is a new player. Frontiers in Molecular Neuroscience, 2014, 7, 39.	2.9	50
31	The Rho Kinase Pathway Regulates Mouse Adult Neural Precursor Cell Migration. Stem Cells, 2011, 29, 332-343.	3.2	47
32	Growth hormone promotes proliferation of adult neurosphere cultures. Growth Hormone and IGF Research, 2009, 19, 212-218.	1.1	46
33	Optimizing growth and post treatment of diamond for high capacitance neural interfaces. Biomaterials, 2016, 104, 32-42.	11.4	45
34	Sonic Hedgehog Promotes Neuronal Differentiation of Murine Spinal Cord Precursors and Collaborates with Neurotrophin 3 to Induce Islet-1. Journal of Neuroscience, 1999, 19, 2601-2608.	3.6	42
35	Regulation of MHC molecules on MBP positive oligodendrocytes in mice by IFN-Î³ and TNF-Î±. Neuroscience Letters, 1991, 123, 45-48.	2.1	41
36	Galanin in neuro(glio)genesis: expression of galanin and receptors by progenitor cells in vivo and in vitro and effects of galanin on neurosphere proliferation. Neuropeptides, 2005, 39, 201-205.	2.2	40

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37	Differential effects of SOCS2 on neuronal differentiation and morphology. Brain Research, 2006, 1067, 138-145.	2.2	39
38	LPA receptor expression in the central nervous system in health and following injury. Cell and Tissue Research, 2010, 341, 23-32.	2.9	39
39	EphA4 regulates central nervous system vascular formation. Journal of Comparative Neurology, 2006, 497, 864-875.	1.6	38
40	Eph receptor tyrosine kinases regulate astrocyte cytoskeletal rearrangement and focal adhesion formation. Journal of Neurochemistry, 2010, 113, 881-894.	3.9	37
41	Growth hormone signaling and hippocampal neurogenesis: Insights from genetic models. Hippocampus, 2008, 18, 1034-1050.	1.9	32
42	Role of SOCS2 in growth hormone actions. Trends in Endocrinology and Metabolism, 2005, 16, 53-58.	7.1	31
43	Failure of sensory neurons to express class I MHC is due to differential SOCS1 expression. Journal of Neuroimmunology, 2002, 123, 35-40.	2.3	30
44	Analysis of neuronal subpopulations in mice over-expressing suppressor of cytokine signaling-2. Neuroscience, 2005, 132, 673-687.	2.3	30
45	Fibroblast growth factorâ€9 inhibits astrocyte differentiation of adult mouse neural progenitor cells. Journal of Neuroscience Research, 2009, 87, 2201-2210.	2.9	30
46	Erythropoietin promotes axonal growth in a model of neuronal polarization. Molecular and Cellular Neurosciences, 2008, 38, 537-547.	2.2	28
47	Regulation of adult neural precursor cell migration. Neurochemistry International, 2011, 59, 382-393.	3.8	28
48	Differential Gene Expression in the EphA4 Knockout Spinal Cord and Analysis of the Inflammatory Response Following Spinal Cord Injury. PLoS ONE, 2012, 7, e37635.	2.5	28
49	SOCS1 regulates interferon-Î³ mediated sensory neuron survival. NeuroReport, 2001, 12, 3443-3445.	1.2	27
50	Eph tyrosine kinase receptor EphA4 is required for the topographic mapping of the corticospinal tract. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 15629-15634.	7.1	26
51	Transcriptional Regulation and Specification of Neural Stem Cells. Advances in Experimental Medicine and Biology, 2013, 786, 129-155.	1.6	25
52	EphA4 Receptor Tyrosine Kinase Is a Modulator of Onset and Disease Severity of Experimental Autoimmune Encephalomyelitis (EAE). PLoS ONE, 2013, 8, e55948.	2.5	25
53	Fabrication of planarised conductively patterned diamond for bio-applications. Materials Science and Engineering C, 2014, 43, 135-144.	7.3	23
54	The influence of sterilization on nitrogen-included ultrananocrystalline diamond for biomedical applications. Materials Science and Engineering C, 2016, 61, 324-332.	7.3	23

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55	Scapinin-induced Inhibition of Axon Elongation Is Attenuated by Phosphorylation and Translocation to the Cytoplasm. Journal of Biological Chemistry, 2011, 286, 19724-19734.	3.4	22
56	Bioinformatic Prediction and Confirmation of Î²-Adducin as a Novel Substrate of Glycogen Synthase Kinase 3. Journal of Biological Chemistry, 2011, 286, 25274-25283.	3.4	22
57	Suppressor of Cytokine Signaling-2 (SOCS2) Regulates the Microglial Response and Improves Functional Outcome after Traumatic Brain Injury in Mice. PLoS ONE, 2016, 11, e0153418.	2.5	22
58	Is integration and survival of newborn neurons the bottleneck for effective neural repair by endogenous neural precursor cells?. Frontiers in Neuroscience, 2014, 8, 29.	2.8	21
59	Functional dentate gyrus neurogenesis in a rapid kindling seizure model. European Journal of Neuroscience, 2006, 24, 3195-3203.	2.6	19
60	Partial change in EphA4 knockout mouse phenotype: Loss of diminished GFAP upregulation following spinal cord injury. Neuroscience Letters, 2012, 525, 66-71.	2.1	19
61	Rho kinase inhibition following traumatic brain injury in mice promotes functional improvement and acute neuron survival but has little effect on neurogenesis, glial responses or neuroinflammation. Experimental Neurology, 2016, 279, 86-95.	4.1	19
62	Phenoxodiol protects against Cisplatin induced neurite toxicity in a PC-12 cell model. BMC Neuroscience, 2007, 8, 61.	1.9	18
63	Transgenic mice expressing the Peripherin-EGFP genomic reporter display intrinsic peripheral nervous system fluorescence. Transgenic Research, 2008, 17, 1103-1116.	2.4	17
64	Species Differences in Reactivity of Mouse and Rat Astrocytes in vitro. NeuroSignals, 2010, 18, 152-163.	0.9	17
65	Intrauterine Growth Restriction Affects Cerebellar Granule Cells in the Developing Guinea Pig Brain. Developmental Neuroscience, 2018, 40, 162-174.	2.0	16
66	A brightness-area-product-based protocol for the quantitative assessment of antigen abundance in fluorescent immunohistochemistry. Brain Research Protocols, 2005, 15, 21-29.	1.6	14
67	Inflammatory Regulators of Redirected Neural Migration in the Injured Brain. NeuroSignals, 2012, 20, 132-146.	0.9	14
68	Nanocarbon-Coated Porous Anodic Alumina for Bionic Devices. Materials, 2015, 8, 4992-5006.	2.9	11
69	A novel role of suppressor of cytokine signalingâ€2 in the regulation of TrkA neurotrophin receptor biology. Journal of Neurochemistry, 2014, 129, 614-627.	3.9	10
70	EphrinB3 restricts endogenous neural stem cell migration after traumatic brain injury. Stem Cell Research, 2016, 17, 504-513.	0.7	10
71	Dysmyelination in class I MHC transgenic mice. Microscopy Research and Technique, 1995, 32, 286-294.	2.2	8
72	Nerve growth factor modulates myelinâ€associatedglycoprotein binding to sensory neurons. International Journal of Developmental Neuroscience, 1999, 17, 109-119.	1.6	8

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73	Tropomyosin-Related Kinase B (TrkB) Regulates Neurite Outgrowth via a Novel Interaction with Suppressor of Cytokine Signalling 2 (SOCS2). Molecular Neurobiology, 2019, 56, 1262-1275.	4.0	5
74	Suppressor of Cytokine Signalling 2 (SOCS2) Regulates Numbers of Mature Newborn Adult Hippocampal Neurons and Their Dendritic Spine Maturation. Cellular and Molecular Neurobiology, 2017, 37, 899-909.	3.3	4
75	Growth hormone and SOCS2 regulation of neuronal differentiation: possible role in mental function. Pediatric Endocrinology Reviews, 2005, 2, 366-71.	1.2	4
76	Explant Methodology for Analyzing Neuroblast Migration. Bio-protocol, 2017, 7, .	0.4	3
77	The suppressor of cytokine signalling 2 (SOCS2), traumatic brain injury and microglial/macrophage regulation. Neural Regeneration Research, 2016, 11, 1405.	3.0	3
78	Dopaminergic activity and behaviour in SOCS2 transgenic mice: Revealing a potential drug target for schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2015, 56, 247-253.	4.8	1
79	Expression of â€œsuppressor of cytokine signallingâ€•(SOCS) genes in the developing and adult mouse nervous system. Journal of Comparative Neurology, 2000, 423, 348-358.	1.6	1
80	Centre for Neuroscience: An Exploration of Signalling in Neural Development, Health and Disease. NeuroSignals, 2009, 17, 233-233.	0.9	0
81	Editorial Note. NeuroSignals, 2012, 20, 131-131.	0.9	0