

# Zaal G Kokaia

## List of Publications by Year in descending order

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165  
papers

24,001  
citations

10389

72  
h-index

7348

152  
g-index

173  
all docs

173  
docs citations

173  
times ranked

18538  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuronal replacement from endogenous precursors in the adult brain after stroke. <i>Nature Medicine</i> , 2002, 8, 963-970.	30.7	2,613
2	Inflammation is detrimental for neurogenesis in adult brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 13632-13637.	7.1	1,406
3	Stem cell therapy for human neurodegenerative disorders—how to make it work. <i>Nature Medicine</i> , 2004, 10, S42-S50.	30.7	824
4	Stem cells for the treatment of neurological disorders. <i>Nature</i> , 2006, 441, 1094-1096.	27.8	754
5	Apoptosis and proliferation of dentate gyrus neurons after single and intermittent limbic seizures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 10432-10437.	7.1	740
6	Brain inflammation and adult neurogenesis: The dual role of microglia. <i>Neuroscience</i> , 2009, 158, 1021-1029.	2.3	675
7	Persistent Production of Neurons from Adult Brain Stem Cells During Recovery after Stroke. <i>Stem Cells</i> , 2006, 24, 739-747.	3.2	658
8	Increased levels of messenger RNAs for neurotrophic factors in the brain during kindling epileptogenesis. <i>Neuron</i> , 1991, 7, 165-176.	8.1	613
9	Stem cells in human neurodegenerative disorders—time for clinical translation?. <i>Journal of Clinical Investigation</i> , 2010, 120, 29-40.	8.2	532
10	Neurotrophins and brain insults. <i>Trends in Neurosciences</i> , 1994, 17, 490-496.	8.6	510
11	Differential regulation of mRNAs for nerve growth factor, brain-derived neurotrophic factor, and neurotrophin 3 in the adult rat brain following cerebral ischemia and hypoglycemic coma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 648-652.	7.1	485
12	BDNF-induced TrkB activation down-regulates the K <sup>+</sup> /Cl <sup>-</sup> cotransporter KCC2 and impairs neuronal Cl <sup>-</sup> extrusion. <i>Journal of Cell Biology</i> , 2002, 159, 747-752.	5.2	467
13	Tumor Necrosis Factor Receptor 1 Is a Negative Regulator of Progenitor Proliferation in Adult Hippocampal Neurogenesis. <i>Journal of Neuroscience</i> , 2006, 26, 9703-9712.	3.6	434
14	Forebrain ependymal cells are Notch-dependent and generate neuroblasts and astrocytes after stroke. <i>Nature Neuroscience</i> , 2009, 12, 259-267.	14.8	415
15	Increased production of the TrkB protein tyrosine kinase receptor after brain insults. <i>Neuron</i> , 1993, 10, 151-164.	8.1	394
16	Long-Term Neuroblast Migration Along Blood Vessels in an Area With Transient Angiogenesis and Increased Vascularization After Stroke. <i>Stroke</i> , 2007, 38, 3032-3039.	2.0	373
17	A latent neurogenic program in astrocytes regulated by Notch signaling in the mouse. <i>Science</i> , 2014, 346, 237-241.	12.6	353
18	Neurogenesis after ischaemic brain insults. <i>Current Opinion in Neurobiology</i> , 2003, 13, 127-132.	4.2	350

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19	Long-term accumulation of microglia with proneurogenic phenotype concomitant with persistent neurogenesis in adult subventricular zone after stroke. <i>Glia</i> , 2009, 57, 835-849.	4.9	320
20	The endocannabinoid system drives neural progenitor proliferation. <i>FASEB Journal</i> , 2005, 19, 1704-1706.	0.5	291
21	3-N-methyl-L-aspartate receptor-mediated increase of neurogenesis in adult rat dentate gyrus following stroke. <i>European Journal of Neuroscience</i> , 2001, 14, 10-18.	2.6	277
22	Monocyte-Derived Macrophages Contribute to Spontaneous Long-Term Functional Recovery after Stroke in Mice. <i>Journal of Neuroscience</i> , 2016, 36, 4182-4195.	3.6	277
23	Cross-talk between neural stem cells and immune cells: the key to better brain repair?. <i>Nature Neuroscience</i> , 2012, 15, 1078-1087.	14.8	276
24	Long-Term Neuroblast Migration Along Blood Vessels in an Area With Transient Angiogenesis and Increased Vascularization After Stroke. <i>Stroke</i> , 2007, 38, 3032-3039.	2.0	275
25	Human-Induced Pluripotent Stem Cells form Functional Neurons and Improve Recovery After Grafting in Stroke-Damaged Brain. <i>Stem Cells</i> , 2012, 30, 1120-1133.	3.2	264
26	Suppressed Epileptogenesis in BDNF Mutant Mice. <i>Experimental Neurology</i> , 1995, 133, 215-224.	4.1	244
27	Regulation of Brain-Derived Neurotrophic Factor Gene Expression after Transient Middle Cerebral Artery Occlusion with and without Brain Damage. <i>Experimental Neurology</i> , 1995, 136, 73-88.	4.1	234
28	Environment Matters: Synaptic Properties of Neurons Born in the Epileptic Adult Brain Develop to Reduce Excitability. <i>Neuron</i> , 2006, 52, 1047-1059.	8.1	234
29	Coexpression of neurotrophins and their receptors in neurons of the central nervous system.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 6711-6715.	7.1	232
30	The Endocannabinoid System Promotes Astroglial Differentiation by Acting on Neural Progenitor Cells. <i>Journal of Neuroscience</i> , 2006, 26, 1551-1561.	3.6	225
31	Human induced pluripotent stem cell-derived cortical neurons integrate in stroke-injured cortex and improve functional recovery. <i>Brain</i> , 2013, 136, 3561-3577.	7.6	225
32	Stroke-Induced Neurogenesis in Aged Brain. <i>Stroke</i> , 2005, 36, 1790-1795.	2.0	219
33	Regulation of neurotrophin and trka, trkb and trkc tyrosine kinase receptor messenger RNA expression in kindling. <i>Neuroscience</i> , 1993, 53, 433-446.	2.3	197
34	Intracerebral Infusion of Glial Cell Line-Derived Neurotrophic Factor Promotes Striatal Neurogenesis After Stroke in Adult Rats. <i>Stroke</i> , 2006, 37, 2361-2367.	2.0	188
35	Neural Stem and Progenitor Cells Retain Their Potential for Proliferation and Differentiation into Functional Neurons Despite Lower Number in Aged Brain. <i>Journal of Neuroscience</i> , 2009, 29, 4408-4419.	3.6	188
36	Neurogenesis following Stroke Affecting the Adult Brain. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a019034.	5.5	183

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37	Survival, migration and neuronal differentiation of human fetal striatal and cortical neural stem cells grafted in stroke-damaged rat striatum. <i>European Journal of Neuroscience</i> , 2007, 26, 605-614.	2.6	180
38	Prospects of stem cell therapy for replacing dopamine neurons in Parkinson's disease. <i>Trends in Pharmacological Sciences</i> , 2009, 30, 260-267.	8.7	180
39	Microglia-derived tumor necrosis factor- $\alpha$ exaggerates death of newborn hippocampal progenitor cells in vitro. <i>Journal of Neuroscience Research</i> , 2005, 80, 789-797.	2.9	167
40	Stem Cell Research in Stroke. <i>Stroke</i> , 2011, 42, 2369-2375.	2.0	163
41	MANF is widely expressed in mammalian tissues and differently regulated after ischemic and epileptic insults in rodent brain. <i>Molecular and Cellular Neurosciences</i> , 2008, 39, 356-371.	2.2	162
42	Cell Number and Timing of Transplantation Determine Survival of Human Neural Stem Cell Grafts in Stroke-Damaged Rat Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 235-242.	4.3	161
43	BDNF Regulates Reelin Expression and Cajal-Retzius Cell Development in the Cerebral Cortex. <i>Neuron</i> , 1998, 21, 305-315.	8.1	151
44	Inflammation Regulates Functional Integration of Neurons Born in Adult Brain. <i>Journal of Neuroscience</i> , 2008, 28, 12477-12488.	3.6	134
45	Rapid Alterations of BDNF Protein Levels in the Rat Brain after Focal Ischemia: Evidence for Increased Synthesis and Anterograde Axonal Transport. <i>Experimental Neurology</i> , 1998, 154, 289-301.	4.1	127
46	The Response of the Aged Brain to Stroke: Too Much, Too Soon?. <i>Current Neurovascular Research</i> , 2007, 4, 216-227.	1.1	126
47	Evidence for Neuroprotective Effects of Endogenous Brain-Derived Neurotrophic Factor after Global Forebrain Ischemia in Rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1999, 19, 1220-1228.	4.3	119
48	Rapid increase of BDNF mRNA levels in cortical neurons following spreading depression: regulation by glutamatergic mechanisms independent of seizure activity. <i>Molecular Brain Research</i> , 1993, 19, 277-286.	2.3	109
49	Grafted human neural stem cells enhance several steps of endogenous neurogenesis and improve behavioral recovery after middle cerebral artery occlusion in rats. <i>Neurobiology of Disease</i> , 2013, 52, 191-203.	4.4	109
50	Brain Insults in Rats Induce Increased Expression of the BDNF Gene through Differential Use of Multiple Promoters. <i>European Journal of Neuroscience</i> , 1994, 6, 587-596.	2.6	108
51	Focal cerebral ischemia in rats induces expression of p75 neurotrophin receptor in resistant striatal cholinergic neurons. <i>Neuroscience</i> , 1998, 84, 1113-1125.	2.3	108
52	The age and genomic integrity of neurons after cortical stroke in humans. <i>Nature Neuroscience</i> , 2014, 17, 801-803.	14.8	108
53	Synaptic inputs from stroke-injured brain to grafted human stem cell-derived neurons activated by sensory stimuli. <i>Brain</i> , 2017, 140, aww347.	7.6	104
54	Suppressed kindling epileptogenesis in mice with ectopic overexpression of galanin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 14006-14011.	7.1	103

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55	GDNF family ligands and receptors are differentially regulated after brain insults in the rat. <i>European Journal of Neuroscience</i> , 1999, 11, 1202-1216.	2.6	102
56	Dynamic changes of brain-derived neurotrophic factor protein levels in the rat forebrain after single and recurring kindling-induced seizures. <i>Neuroscience</i> , 1998, 83, 351-362.	2.3	101
57	Human fetal cortical and striatal neural stem cells generate region-specific neurons in vitro and differentiate extensively to neurons after intrastriatal transplantation in neonatal rats. <i>Journal of Neuroscience Research</i> , 2006, 84, 1630-1644.	2.9	100
58	Pericyte-derived fibrotic scarring is conserved across diverse central nervous system lesions. <i>Nature Communications</i> , 2021, 12, 5501.	12.8	98
59	Emerging concepts in neural stem cell research: autologous repair and cell-based disease modelling. <i>Lancet Neurology</i> , The, 2009, 8, 819-829.	10.2	97
60	Perturbed cellular response to brain injury during aging. <i>Ageing Research Reviews</i> , 2011, 10, 71-79.	10.9	95
61	Suppression of Stroke-Induced Progenitor Proliferation in Adult Subventricular Zone by Tumor Necrosis Factor Receptor 1. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 1574-1587.	4.3	94
62	Stereological assessment of vulnerability of immunocytochemically identified striatal and hippocampal neurons after global cerebral ischemia in rats. <i>Brain Research</i> , 2001, 913, 117-132.	2.2	92
63	Protective effects of BDNF and NT-3 but not PDGF against hypoglycemic injury to cultured striatal neurons. <i>Experimental Neurology</i> , 1995, 131, 1-10.	4.1	90
64	Recovery and Rehabilitation in Stroke. <i>Stroke</i> , 2004, 35, 2691-2694.	2.0	90
65	Differential regulation of N-methyl-d-aspartate receptor subunit messenger RNAs in kindling-induced epileptogenesis. <i>Neuroscience</i> , 1993, 57, 307-318.	2.3	89
66	Regional brain-derived neurotrophic factor mRNA and protein levels following transient forebrain ischemia in the rat. <i>Molecular Brain Research</i> , 1996, 38, 139-144.	2.3	89
67	Widespread increase of nerve growth factor protein in the rat forebrain after kindling-induced seizures. <i>Brain Research</i> , 1992, 587, 338-342.	2.2	85
68	TNF- $\alpha$ antibody infusion impairs survival of stroke-generated neuroblasts in adult rat brain. <i>Experimental Neurology</i> , 2005, 196, 204-208.	4.1	84
69	Regulation of Stroke-Induced Neurogenesis in Adult Brain—Recent Scientific Progress. <i>Cerebral Cortex</i> , 2006, 16, i162-i167.	2.9	82
70	Neuropathological and Behavioral Consequences of Adeno-Associated Viral Vector-Mediated Continuous Intrastriatal Neurotrophin Delivery in a Focal Ischemia Model in Rats. <i>Neurobiology of Disease</i> , 2002, 9, 187-204.	4.4	79
71	Quantitative analysis of the generation of different striatal neuronal subtypes in the adult brain following excitotoxic injury. <i>Experimental Neurology</i> , 2005, 195, 71-80.	4.1	78
72	Murine HSCs contribute actively to native hematopoiesis but with reduced differentiation capacity upon aging. <i>ELife</i> , 2018, 7, .	6.0	77

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73	Delayed kindling development after rapidly recurring seizures: relation to mossy fiber sprouting and neurotrophin, GAP-43 and dynorphin gene expression. <i>Brain Research</i> , 1996, 712, 19-34.	2.2	76
74	Biphasic differential changes of GABAA receptor subunit mRNA levels in dentate gyrus granule cells following recurrent kindling-induced seizures. <i>Molecular Brain Research</i> , 1994, 23, 323-332.	2.3	72
75	Suppression of Insult-Induced Neurogenesis in Adult Rat Brain by Brain-Derived Neurotrophic Factor. <i>Experimental Neurology</i> , 2002, 177, 1-8.	4.1	72
76	Ultrastructural and antigenic properties of neural stem cells and their progeny in adult rat subventricular zone. <i>Glia</i> , 2009, 57, 136-152.	4.9	70
77	Stem Cells as an Emerging Paradigm in Stroke 4. <i>Stroke</i> , 2019, 50, 3299-3306.	2.0	68
78	Stroke induces widespread changes of gene expression for glial cell line-derived neurotrophic factor family receptors in the adult rat brain. <i>Neuroscience</i> , 2001, 106, 27-41.	2.3	67
79	Seizure suppression in kindling epilepsy by intracerebral implants of GABA-but not by noradrenalinereleasing polymer matrices. <i>Experimental Brain Research</i> , 1994, 100, 385-394.	1.5	66
80	Suppression of limbic motor seizures by electrical stimulation in thalamic reticular nucleus. <i>Experimental Neurology</i> , 2003, 181, 224-230.	4.1	66
81	Enriched environment influences brain-derived neurotrophic factor levels in rat forebrain after focal stroke. <i>Neuroscience Letters</i> , 2001, 305, 169-172.	2.1	64
82	Choroid plexus-cerebrospinal fluid route for monocyte-derived macrophages after stroke. <i>Journal of Neuroinflammation</i> , 2017, 14, 153.	7.2	62
83	Differential regulation of mRNAs for neuropeptide Y and its receptor subtypes in widespread areas of the rat limbic system during kindling epileptogenesis. <i>Molecular Brain Research</i> , 1999, 72, 17-29.	2.3	61
84	Human induced pluripotent stem cells improve recovery in stroke-injured aged rats. <i>Restorative Neurology and Neuroscience</i> , 2014, 32, 547-558.	0.7	60
85	Activity in grafted human iPS cell-derived cortical neurons integrated in stroke-injured rat brain regulates motor behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9094-9100.	7.1	59
86	Elevated GDNF levels following viral vector-mediated gene transfer can increase neuronal death after stroke in rats. <i>Neurobiology of Disease</i> , 2003, 14, 542-556.	4.4	58
87	Anterograde delivery of brain-derived neurotrophic factor to striatum via nigral transduction of recombinant adeno-associated virus increases neuronal death but promotes neurogenic response following stroke. <i>European Journal of Neuroscience</i> , 2003, 17, 2667-2678.	2.6	56
88	Immunolesioning of basal forebrain cholinergic neurons facilitates hippocampal kindling and perturbs neurotrophin messenger RNA regulation. <i>Neuroscience</i> , 1996, 70, 313-327.	2.3	55
89	Functional integration of new hippocampal neurons following insults to the adult brain is determined by characteristics of pathological environment. <i>Experimental Neurology</i> , 2011, 229, 484-493.	4.1	54
90	BDNF makes cultured dentate granule cells more resistant to hypoglycaemic damage. <i>NeuroReport</i> , 1994, 5, 1241-1244.	1.2	52

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91	Mossy fibre sprouting. <i>NeuroReport</i> , 1997, 8, 1193-1196.	1.2	52
92	Suppressed Kindling Epileptogenesis and Perturbed BDNF and TrkB Gene Regulation in NT-3 Mutant Mice. <i>Experimental Neurology</i> , 1997, 145, 93-103.	4.1	52
93	Human iPSC-Derived Hippocampal Spheroids: An Innovative Tool for Stratifying Alzheimer Disease Patient-Specific Cellular Phenotypes and Developing Therapies. <i>Stem Cell Reports</i> , 2020, 15, 256-273.	4.8	49
94	Intraventricular Infusion of TrkB-Fc Fusion Protein Promotes Ischemia-Induced Neurogenesis in Adult Rat Dentate Gyrus. <i>Stroke</i> , 2003, 34, 2710-2715.	2.0	48
95	Effects of cholinergic denervation on seizure development and neurotrophin messenger RNA regulation in rapid hippocampal kindling. <i>Neuroscience</i> , 1997, 80, 389-399.	2.3	47
96	Inflammation without neuronal death triggers striatal neurogenesis comparable to stroke. <i>Neurobiology of Disease</i> , 2015, 83, 1-15.	4.4	47
97	Seizure-induced differential expression of messenger RNAs for neurotrophins and their receptors in genetically fast and slow kindling rats. <i>Neuroscience</i> , 1996, 75, 197-207.	2.3	46
98	Septal cholinergic neurons suppress seizure development in hippocampal kindling in rats: comparison with noradrenergic neurons. <i>Neuroscience</i> , 2001, 102, 819-832.	2.3	45
99	Generation of human cortical neurons from a new immortal fetal neural stem cell line. <i>Experimental Cell Research</i> , 2007, 313, 588-601.	2.6	45
100	Direct conversion of human fibroblasts to functional excitatory cortical neurons integrating into human neural networks. <i>Stem Cell Research and Therapy</i> , 2017, 8, 207.	5.5	45
101	Pax6 promotes neurogenesis in human neural stem cells. <i>Molecular and Cellular Neurosciences</i> , 2008, 38, 616-628.	2.2	44
102	Isolation and Generation of Neurosphere Cultures from Embryonic and Adult Mouse Brain. <i>Methods in Molecular Biology</i> , 2010, 633, 241-252.	0.9	40
103	Upregulation of p75 Neurotrophin Receptor after Stroke in Mice Does Not Contribute to Differential Vulnerability of Striatal Neurons. <i>Experimental Neurology</i> , 2001, 169, 351-363.	4.1	39
104	Phenotypic and molecular identity of cells in the adult subventricular zone. <i>Molecular and Cellular Neurosciences</i> , 2003, 24, 741-752.	2.2	39
105	BDNF gene transfer to the mammalian brain using CNS-derived neural precursors. <i>Gene Therapy</i> , 1999, 6, 1851-1866.	4.5	38
106	Spatio-temporal dynamics, differentiation and viability of human neural stem cells after implantation into neonatal rat brain. <i>European Journal of Neuroscience</i> , 2011, 34, 382-393.	2.6	38
107	Meteorin is a Chemokinetic Factor in Neuroblast Migration and Promotes Stroke-Induced Striatal Neurogenesis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 387-398.	4.3	38
108	Embryonic Stem Cell-Derived Neural Stem Cells Fuse with Microglia and Mature Neurons. <i>Stem Cells</i> , 2012, 30, 2657-2671.	3.2	38

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109	Development and persistence of kindling epilepsy are impaired in mice lacking glial cell line-derived neurotrophic factor family receptor alpha 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 12312-12317.	7.1	36
110	Seizures induce widespread upregulation of cystatin B, the gene mutated in progressive myoclonus epilepsy, in rat forebrain neurons. <i>European Journal of Neuroscience</i> , 2000, 12, 1687-1695.	2.6	35
111	Increased FUS levels in astrocytes leads to astrocyte and microglia activation and neuronal death. <i>Scientific Reports</i> , 2019, 9, 4572.	3.3	34
112	Seizure Development and Noradrenaline Release in Kindling Epilepsy after Noradrenergic Reinnervation of the Subcortically Deafferented Hippocampus by Superior Cervical Ganglion or Fetal Locus Coeruleus Grafts. <i>Experimental Neurology</i> , 1994, 130, 351-361.	4.1	32
113	Proximity of brain infarcts to regions of endogenous neurogenesis and involvement of striatum in ischaemic stroke. <i>European Journal of Neurology</i> , 2013, 20, 473-479.	3.3	32
114	Stem cell therapy for human brain disorders. <i>Kidney International</i> , 2005, 68, 1937-1939.	5.2	30
115	Customized Brain Cells for Stroke Patients Using Pluripotent Stem Cells. <i>Stroke</i> , 2018, 49, 1091-1098.	2.0	29
116	Grafted human pluripotent stem cell-derived cortical neurons integrate into adult human cortical neural circuitry. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1365-1377.	3.3	29
117	Selective depletion of Mac-1-expressing microglia in rat subventricular zone does not alter neurogenic response early after stroke. <i>Experimental Neurology</i> , 2011, 229, 391-398.	4.1	27
118	Epileptogenesis induced by rapidly recurring seizures in genetically fast- but not slow-kindling rats. <i>Brain Research</i> , 1998, 789, 111-117.	2.2	26
119	Blocking Notch-Signaling Increases Neurogenesis in the Striatum after Stroke. <i>Cells</i> , 2020, 9, 1732.	4.1	26
120	Changes in GABAB receptor immunoreactivity after recurrent seizures in rats. <i>Neuroscience Letters</i> , 2001, 315, 85-88.	2.1	24
121	The neuronal ceroid lipofuscinosis Cln8 gene expression is developmentally regulated in mouse brain and up-regulated in the hippocampal kindling model of epilepsy. <i>BMC Neuroscience</i> , 2005, 6, 27.	1.9	23
122	Hyperglycemia and Hypercapnia Suppress BDNF Gene Expression in Vulnerable Regions after Transient Forebrain Ischemia in the Rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1997, 17, 1303-1308.	4.3	22
123	Stem cell repair of striatal ischemia. <i>Progress in Brain Research</i> , 2012, 201, 35-53.	1.4	21
124	Specific Functions of Grafted Locus Coeruleus Neurons in the Kindling Model of Epilepsy. <i>Experimental Neurology</i> , 1993, 122, 143-154.	4.1	20
125	Kindling alters entorhinal cortex-hippocampal interaction by increased efficacy of presynaptic GABA <sub>B</sub> autoreceptors in layer III of the entorhinal cortex. <i>Neurobiology of Disease</i> , 2003, 13, 203-212.	4.4	20
126	Co-expression of TrkB and TrkC receptors in CNS neurones suggests regulation by multiple neurotrophins. <i>NeuroReport</i> , 1995, 6, 769-772.	1.2	19



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127	Regulation of neuronal nitric oxide synthase mRNA levels in rat brain by seizure activity. <i>NeuroReport</i> , 1996, 7, 1335.	1.2	19
128	Prostaglandin E2 and BDNF levels in rat hippocampus are negatively correlated with status epilepticus severity: No impact on survival of seizure-generated neurons. <i>Neurobiology of Disease</i> , 2006, 23, 23-35.	4.4	19
129	Monocyte depletion early after stroke promotes neurogenesis from endogenous neural stem cells in adult brain. <i>Experimental Neurology</i> , 2017, 297, 129-137.	4.1	19
130	Hypoxia inducible factor-1 importance for migration, proliferation, and self-renewal of trunk neural crest cells. <i>Developmental Dynamics</i> , 2021, 250, 191-236.	1.8	19
131	Neural Stem Cell-Based Therapy for Ischemic Stroke. <i>Translational Stroke Research</i> , 2011, 2, 272-278.	4.2	18
132	Ectopic ependymal cells in striatum accompany neurogenesis in a rat model of stroke. <i>Neuroscience</i> , 2012, 214, 159-170.	2.3	17
133	New Mechanistic Insights, Novel Treatment Paradigms, and Clinical Progress in Cerebrovascular Diseases. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 623751.	3.4	17
134	Transplantation of reprogrammed neurons for improved recovery after stroke. <i>Progress in Brain Research</i> , 2017, 231, 245-263.	1.4	16
135	Human Fetal Striatum-Derived Neural Stem (NS) Cells Differentiate to Mature Neurons In Vitro and In Vivo. <i>Current Stem Cell Research and Therapy</i> , 2014, 9, 338-346.	1.3	16
136	FoxJ1-expressing cells contribute to neurogenesis in forebrain of adult rats: Evidence from in vivo electroporation combined with piggyBac transposon. <i>Experimental Cell Research</i> , 2013, 319, 2790-2800.	2.6	14
137	Spontaneous Recovery of Upper Extremity Motor Impairment After Ischemic Stroke: Implications for Stem Cell-Based Therapeutic Approaches. <i>Translational Stroke Research</i> , 2017, 8, 351-361.	4.2	14
138	Human Neural Stem Cells for Ischemic Stroke Treatment. <i>Results and Problems in Cell Differentiation</i> , 2018, 66, 249-263.	0.7	14
139	Neuronal Replacement in Stem Cell Therapy for Stroke: Filling the Gap. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 662636.	3.7	14
140	Transcription factor programming of human ES cells generates functional neurons expressing both upper and deep layer cortical markers. <i>PLoS ONE</i> , 2018, 13, e0204688.	2.5	13
141	Adaptor Protein LNK Is a Negative Regulator of Brain Neural Stem Cell Proliferation after Stroke. <i>Journal of Neuroscience</i> , 2012, 32, 5151-5164.	3.6	11
142	Generation of cortical neurons from human induced-pluripotent stem cells by biodegradable polymeric microspheres loaded with priming factors. <i>Biomedical Materials (Bristol)</i> , 2016, 11, 025011.	3.3	11
143	Attenuation of reactive gliosis in stroke-injured mouse brain does not affect neurogenesis from grafted human iPSC-derived neural progenitors. <i>PLoS ONE</i> , 2018, 13, e0192118.	2.5	11
144	In Vitro Functional Characterization of Human Neurons and Astrocytes Using Calcium Imaging and Electrophysiology. <i>Methods in Molecular Biology</i> , 2019, 1919, 73-88.	0.9	11

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145	Societal Value of Stem Cell Therapy in Stroke – A Modeling Study. <i>Cerebrovascular Diseases</i> , 2012, 33, 532-539.	1.7	10
146	Attitudes to Stem Cell Therapy Among Ischemic Stroke Survivors in the Lund Stroke Recovery Study. <i>Stem Cells and Development</i> , 2017, 26, 566-572.	2.1	9
147	Stroke alters behavior of human skin-derived neural progenitors after transplantation adjacent to neurogenic area in rat brain. <i>Stem Cell Research and Therapy</i> , 2017, 8, 59.	5.5	9
148	NGN2 mRNA-Based Transcriptional Programming in Microfluidic Guides hiPSCs Toward Neural Fate With Multiple Identities. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 602888.	3.7	9
149	Human stem cell-derived GABAergic neurons functionally integrate into human neuronal networks. <i>Scientific Reports</i> , 2021, 11, 22050.	3.3	8
150	Sensors of Succinate: Neural Stem Cell Grafts Fight Neuroinflammation. <i>Cell Stem Cell</i> , 2018, 22, 283-285.	11.1	7
151	Expression analysis of pluripotency-associated genes in human fetal cortical and striatal neural stem cells during differentiation. <i>Translational Neuroscience</i> , 2012, 3, .	1.4	5
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