

# Itzhak Fischer

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8707002/itzhak-fischer-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

168  
papers

9,205  
citations

57  
h-index

90  
g-index

174  
ext. papers

9,824  
ext. citations

4.8  
avg, IF

5.8  
L-index

#	Paper	IF	Citations
168	Preparation of Neural Stem Cells and Progenitors: Neuronal Production and Grafting Applications. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2311, 73-108	1.4	3
167	Resurrecting the Mysteries of Big Tau. <i>Trends in Neurosciences</i> , <b>2020</b> , 43, 493-504	13.3	14
166	Transplanting neural progenitor cells to restore connectivity after spinal cord injury. <i>Nature Reviews Neuroscience</i> , <b>2020</b> , 21, 366-383	13.5	57
165	Vascularization of self-assembled peptide scaffolds for spinal cord injury repair. <i>Acta Biomaterialia</i> , <b>2020</b> , 104, 76-84	10.8	30
164	Harnessing neurovascular interaction to guide axon growth. <i>Scientific Reports</i> , <b>2019</b> , 9, 2190	4.9	10
163	Marion Murray, PhD. <i>Journal of Neurotrauma</i> , <b>2019</b> , 36, 189	5.4	1
162	Heptamer Peptide Disassembles Native Amyloid in Human Plasma Through Heat Shock Protein 70. <i>Rejuvenation Research</i> , <b>2018</b> , 21, 527-534	2.6	5
161	Axonal regeneration of different tracts following transplants of human glial restricted progenitors into the injured spinal cord in rats. <i>Brain Research</i> , <b>2018</b> , 1686, 101-112	3.7	6
160	Transplantation of Neural Progenitors and V2a Interneurons after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , <b>2018</b> , 35, 2883-2903	5.4	37
159	Improving the therapeutic efficacy of neural progenitor cell transplantation following spinal cord injury. <i>Expert Review of Neurotherapeutics</i> , <b>2017</b> , 17, 433-440	4.3	18
158	Transplants of Neurotrophin-Producing Autologous Fibroblasts Promote Recovery of Treadmill Stepping in the Acute, Sub-Chronic, and Chronic Spinal Cat. <i>Journal of Neurotrauma</i> , <b>2017</b> , 34, 1858-1872	5.4	8
157	Neural Progenitor Cells Promote Axonal Growth and Alter Axonal mRNA Localization in Adult Neurons. <i>ENeuro</i> , <b>2017</b> , 4,	3.9	6
156	Transplantation of neural progenitor cells in chronic spinal cord injury. <i>Neuroscience</i> , <b>2016</b> , 320, 69-82	3.9	32
155	Spinal cord concussion: studying the potential risks of repetitive injury. <i>Neural Regeneration Research</i> , <b>2016</b> , 11, 58-60	4.5	7
154	Examining the properties and therapeutic potential of glial restricted precursors in spinal cord injury. <i>Neural Regeneration Research</i> , <b>2016</b> , 11, 529-33	4.5	5
153	Guiding the migration of grafted cells to promote axon regeneration. <i>Neural Regeneration Research</i> , <b>2016</b> , 11, 1224-5	4.5	
152	Guiding migration of transplanted glial progenitor cells in the injured spinal cord. <i>Scientific Reports</i> , <b>2016</b> , 6, 22576	4.9	12

151	Large animal and primate models of spinal cord injury for the testing of novel therapies. <i>Experimental Neurology</i> , <b>2015</b> , 269, 154-68	5-7	55
150	Evaluation of the anatomical and functional consequences of repetitive mild cervical contusion using a model of spinal concussion. <i>Experimental Neurology</i> , <b>2015</b> , 271, 175-88	5-7	9
149	Transplantation of Human Neural Stem Cells and Progenitors in Animal Models of Disease <b>2015</b> , 197-214		
148	Either brain-derived neurotrophic factor or neurotrophin-3 only neurotrophin-producing grafts promote locomotor recovery in untrained spinalized cats. <i>Neurorehabilitation and Neural Repair</i> , <b>2015</b> , 29, 90-100	4-7	18
147	Glial restricted precursors maintain their permissive properties after long-term expansion but not following exposure to pro-inflammatory factors. <i>Brain Research</i> , <b>2015</b> , 1629, 113-25	3-7	6
146	Behavioral and anatomical consequences of repetitive mild thoracic spinal cord contusion injury in the rat. <i>Experimental Neurology</i> , <b>2014</b> , 257, 57-69	5-7	7
145	Transplanting neural progenitors into a complete transection model of spinal cord injury. <i>Journal of Neuroscience Research</i> , <b>2014</b> , 92, 607-18	4-4	27
144	Transplanting neural progenitors to build a neuronal relay across the injured spinal cord. <i>Neural Regeneration Research</i> , <b>2014</b> , 9, 1173-6	4-5	7
143	Preparation of neural stem cells and progenitors: neuronal production and grafting applications. <i>Methods in Molecular Biology</i> , <b>2013</b> , 1078, 65-88	1-4	15
142	Angioneural crosstalk in scaffolds with oriented microchannels for regenerative spinal cord injury repair. <i>Journal of Molecular Neuroscience</i> , <b>2013</b> , 49, 334-46	3-3	18
141	Human astrocytes derived from glial restricted progenitors support regeneration of the injured spinal cord. <i>Journal of Neurotrauma</i> , <b>2013</b> , 30, 1035-52	5-4	45
140	Implications of poly(N-isopropylacrylamide)-g-poly(ethylene glycol) with codissolved brain-derived neurotrophic factor injectable scaffold on motor function recovery rate following cervical dorsolateral funiculotomy in the rat. <i>Journal of Neurosurgery: Spine</i> , <b>2013</b> , 18, 641-52	2-8	9
139	Differential effects of distinct central nervous system regions on cell migration and axonal extension of neural precursor transplants. <i>Journal of Neuroscience Research</i> , <b>2012</b> , 90, 2065-73	4-4	10
138	Phenotypic analysis of astrocytes derived from glial restricted precursors and their impact on axon regeneration. <i>Experimental Neurology</i> , <b>2012</b> , 233, 717-32	5-7	66
137	The roles of neuronal and glial precursors in overcoming chondroitin sulfate proteoglycan inhibition. <i>Experimental Neurology</i> , <b>2012</b> , 235, 627-37	5-7	42
136	Gene therapy, neurotrophic factors and spinal cord regeneration. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2012</b> , 109, 563-74	3	18
135	Influence of alginate cross-linking method on neurite response to microencapsulated neurotrophin-producing fibroblasts. <i>Journal of Microencapsulation</i> , <b>2011</b> , 28, 353-62	3-4	10
134	Acute administration of AMPA/Kainate blocker combined with delayed transplantation of neural precursors improves lower urinary tract function in spinal injured rats. <i>Brain Research</i> , <b>2011</b> , 1418, 23-31	3-7	10

133	Spatial and temporal changes in promoter activity of the astrocyte glutamate transporter GLT1 following traumatic spinal cord injury. <i>Journal of Neuroscience Research</i> , <b>2011</b> , 89, 1001-17	4.4	29
132	Grafted neural progenitors integrate and restore synaptic connectivity across the injured spinal cord. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 4675-86	6.6	166
131	Chondroitinase activity can be transduced by a lentiviral vector in vitro and in vivo. <i>Journal of Neuroscience Methods</i> , <b>2011</b> , 199, 208-13	3	29
130	A pilot study of poly(N-isopropylacrylamide)-g-polyethylene glycol and poly(N-isopropylacrylamide)-g-methylcellulose branched copolymers as injectable scaffolds for local delivery of neurotrophins and cellular transplants into the injured spinal cord. <i>Journal of Neurosurgery: Spine</i> , <b>2011</b> , 15, 594-604	2.8	27
129	Transplantation of human glial restricted progenitors and derived astrocytes into a contusion model of spinal cord injury. <i>Journal of Neurotrauma</i> , <b>2011</b> , 28, 579-94	5.4	57
128	Neurite outgrowth of neural progenitors in presence of inhibitory proteoglycans. <i>Journal of Neurotrauma</i> , <b>2010</b> , 27, 951-7	5.4	14
127	Secretion profile of human bone marrow stromal cells: donor variability and response to inflammatory stimuli. <i>Cytokine</i> , <b>2010</b> , 50, 317-21	4	83
126	Injectable multifunctional scaffold for spinal cord repair <b>2010</b> ,		2
125	Promoting directional axon growth from neural progenitors grafted into the injured spinal cord. <i>Journal of Neuroscience Research</i> , <b>2010</b> , 88, 1182-92	4.4	73
124	Intrathecal Delivery of Stem Cells to the Spinal Cord. <i>Neuromethods</i> , <b>2010</b> , 219-232	0.4	1
123	In vitro analysis of PNIPAAm-PEG, a novel, injectable scaffold for spinal cord repair. <i>Acta Biomaterialia</i> , <b>2009</b> , 5, 1046-55	10.8	80
122	Grafting of human bone marrow stromal cells into spinal cord injury: a comparison of delivery methods. <i>Spine</i> , <b>2009</b> , 34, 328-34	3.3	110
121	Transplantation of human marrow stromal cells and mono-nuclear bone marrow cells into the injured spinal cord: a comparative study. <i>Spine</i> , <b>2009</b> , 34, 2605-12	3.3	33
120	Effects of plating density and culture time on bone marrow stromal cell characteristics. <i>Experimental Hematology</i> , <b>2008</b> , 36, 1176-85	3.1	154
119	Stem cell delivery by lumbar puncture as a therapeutic alternative to direct injection into injured spinal cord. <i>Journal of Neurosurgery: Spine</i> , <b>2008</b> , 9, 390-9	2.8	36
118	Neurotrophic factors promote and enhance locomotor recovery in untrained spinalized cats. <i>Journal of Neurophysiology</i> , <b>2007</b> , 98, 1988-96	3.2	94
117	Combining motor training with transplantation of rat bone marrow stromal cells does not improve repair or recovery in rats with thoracic contusion injuries. <i>Brain Research</i> , <b>2006</b> , 1119, 65-75	3.7	43
116	Recovery of function following grafting of human bone marrow-derived stromal cells into the injured spinal cord. <i>Neurorehabilitation and Neural Repair</i> , <b>2006</b> , 20, 278-96	4.7	177

115	Lumbar puncture delivery of bone marrow stromal cells in spinal cord contusion: a novel method for minimally invasive cell transplantation. <i>Journal of Neurotrauma</i> , <b>2006</b> , 23, 55-65	5.4	99
114	Neural stem cells may be uniquely suited for combined gene therapy and cell replacement: Evidence from engraftment of Neurotrophin-3-expressing stem cells in hypoxic-ischemic brain injury. <i>Experimental Neurology</i> , <b>2006</b> , 199, 179-90	5.7	131
113	MR imaging of lineage-restricted neural precursors following transplantation into the adult spinal cord. <i>Experimental Neurology</i> , <b>2006</b> , 201, 49-59	5.7	68
112	Long-term fate of neural precursor cells following transplantation into developing and adult CNS. <i>Neuroscience</i> , <b>2006</b> , 139, 513-30	3.9	43
111	Long-term fate of neural precursor cells following transplantation into developing and adult CNS. <i>Neuroscience</i> , <b>2006</b> , 142, 287-304	3.9	68
110	Lineage-restricted neural precursors survive, migrate, and differentiate following transplantation into the injured adult spinal cord. <i>Experimental Neurology</i> , <b>2005</b> , 194, 230-42	5.7	133
109	Transplants of fibroblasts expressing BDNF and NT-3 promote recovery of bladder and hindlimb function following spinal contusion injury in rats. <i>Experimental Neurology</i> , <b>2005</b> , 194, 410-31	5.7	83
108	Analysis of allogeneic and syngeneic bone marrow stromal cell graft survival in the spinal cord. <i>Cell Transplantation</i> , <b>2005</b> , 14, 775-86	4	59
107	Fate of immortalized human neuronal progenitor cells transplanted in rat spinal cord. <i>Archives of Neurology</i> , <b>2005</b> , 62, 223-9		30
106	Axon growth and recovery of function supported by human bone marrow stromal cells in the injured spinal cord exhibit donor variations. <i>Brain Research</i> , <b>2005</b> , 1035, 73-85	3.7	276
105	Neural precursor cells can be delivered into the injured cervical spinal cord by intrathecal injection at the lumbar cord. <i>Brain Research</i> , <b>2005</b> , 1045, 206-16	3.7	95
104	Acute inactivation of MAP1b in growing sympathetic neurons destabilizes axonal microtubules. <i>Cytoskeleton</i> , <b>2005</b> , 60, 48-65		15
103	Transplantation of neuronal and glial restricted precursors into contused spinal cord improves bladder and motor functions, decreases thermal hypersensitivity, and modifies intraspinal circuitry. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 9624-36	6.6	146
102	Combined effects of neurotrophin secreting transplants, exercise, and serotonergic drug challenge improve function in spinal rats. <i>Neurorehabilitation and Neural Repair</i> , <b>2005</b> , 19, 296-312	4.7	50
101	Immunosuppression with either cyclosporine a or FK506 supports survival of transplanted fibroblasts and promotes growth of host axons into the transplant after spinal cord injury. <i>Journal of Neurotrauma</i> , <b>2005</b> , 22, 1267-81	5.4	32
100	Alginate encapsulated BDNF-producing fibroblast grafts permit recovery of function after spinal cord injury in the absence of immune suppression. <i>Journal of Neurotrauma</i> , <b>2005</b> , 22, 138-56	5.4	100
99	Towards a definition of recovery of function. <i>Journal of Neurotrauma</i> , <b>2004</b> , 21, 405-13	5.4	11
98	Transplantation of glial-restricted precursor cells into the adult spinal cord: survival, glial-specific differentiation, and preferential migration in white matter. <i>Glia</i> , <b>2004</b> , 45, 1-16	9	115

97	Peptide-modified alginate surfaces as a growth permissive substrate for neurite outgrowth. <i>Journal of Biomedical Materials Research Part B</i> , <b>2004</b> , 71, 191-200		135
96	Reevaluation of in vitro differentiation protocols for bone marrow stromal cells: disruption of actin cytoskeleton induces rapid morphological changes and mimics neuronal phenotype. <i>Journal of Neuroscience Research</i> , <b>2004</b> , 77, 192-204	4.4	311
95	Minimally invasive delivery of stem cells for spinal cord injury: advantages of the lumbar puncture technique. <i>Journal of Neurosurgery: Spine</i> , <b>2004</b> , 1, 330-7	2.8	112
94	Mechanically engineered hydrogel scaffolds for axonal growth and angiogenesis after transplantation in spinal cord injury. <i>Journal of Neurosurgery: Spine</i> , <b>2004</b> , 1, 322-9	2.8	117
93	CD44 expression identifies astrocyte-restricted precursor cells. <i>Developmental Biology</i> , <b>2004</b> , 276, 31-46 <sup>3,1</sup>		155
92	Differential fate of multipotent and lineage-restricted neural precursors following transplantation into the adult CNS. <i>Neuron Glia Biology</i> , <b>2004</b> , 1, 113-26		83
91	Plasticity following injury to the adult central nervous system: is recapitulation of a developmental state worth promoting?. <i>Journal of Neurotrauma</i> , <b>2003</b> , 20, 1271-92	5.4	66
90	Delayed grafting of BDNF and NT-3 producing fibroblasts into the injured spinal cord stimulates sprouting, partially rescues axotomized red nucleus neurons from loss and atrophy, and provides limited regeneration. <i>Experimental Neurology</i> , <b>2003</b> , 184, 97-113	5.7	181
89	Isolation of a glial-restricted tripotential cell line from embryonic spinal cord cultures. <i>Glia</i> , <b>2002</b> , 38, 65-79	9	43
88	Phosphorylated MAP1B is induced in central sprouting of primary afferents in response to peripheral injury but not in response to rhizotomy. <i>European Journal of Neuroscience</i> , <b>2002</b> , 16, 593-606 <sup>3,5</sup>		29
87	Stable expression of the alkaline phosphatase marker gene by neural cells in culture and after transplantation into the CNS using cells derived from a transgenic rat. <i>Experimental Neurology</i> , <b>2002</b> , 174, 48-57	5.7	48
86	Grafts of BDNF-producing fibroblasts rescue axotomized rubrospinal neurons and prevent their atrophy. <i>Experimental Neurology</i> , <b>2002</b> , 178, 150-64	5.7	101
85	Transplants of fibroblasts genetically modified to express BDNF promote axonal regeneration from supraspinal neurons following chronic spinal cord injury. <i>Experimental Neurology</i> , <b>2002</b> , 177, 265-75	5.7	162
84	Grafted lineage-restricted precursors differentiate exclusively into neurons in the adult spinal cord. <i>Experimental Neurology</i> , <b>2002</b> , 177, 360-75	5.7	139
83	Transplantation of genetically modified cells contributes to repair and recovery from spinal injury. <i>Brain Research Reviews</i> , <b>2002</b> , 40, 292-300		58
82	Transplants of cells genetically modified to express neurotrophin-3 rescue axotomized Clark's nucleus neurons after spinal cord hemisection in adult rats. <i>Journal of Neuroscience Research</i> , <b>2001</b> , 65, 549-64	4.4	85
81	Transplantation and gene therapy: combined approaches for repair of spinal cord injury. <i>Neuroscientist</i> , <b>2001</b> , 7, 28-41	7.6	29
80	In vitro differentiation of human marrow stromal cells into early progenitors of neural cells by conditions that increase intracellular cyclic AMP. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 282, 148-52	3.4	418

79	Radial glial cell line C6-R integrates preferentially in adult white matter and facilitates migration of coimplanted neurons in vivo. <i>Experimental Neurology</i> , <b>2001</b> , 168, 310-22	5.7	13
78	Grafting of encapsulated BDNF-producing fibroblasts into the injured spinal cord without immune suppression in adult rats. <i>Journal of Neurotrauma</i> , <b>2001</b> , 18, 287-301	5.4	70
77	Fibroblasts genetically modified to produce BDNF support regrowth of chronically injured serotonergic axons. <i>Neurorehabilitation and Neural Repair</i> , <b>2000</b> , 14, 311-7	4.7	40
76	MAP1B expression and microtubule stability in growing and regenerating axons. <i>Microscopy Research and Technique</i> , <b>2000</b> , 48, 63-74	2.8	99
75	Bilateral growth-related protein expression suggests a transient increase in regenerative potential following brain trauma. <i>Journal of Comparative Neurology</i> , <b>2000</b> , 424, 521-531	3.4	49
74	Characterization and intraspinal grafting of EGF/bFGF-dependent neurospheres derived from embryonic rat spinal cord. <i>Brain Research</i> , <b>2000</b> , 874, 87-106	3.7	133
73	Improved recombinant retroviral titers utilizing trichostatin A. <i>BioTechniques</i> , <b>2000</b> , 29, 884-90	2.5	8
72	Axonal transport of microtubule-associated protein 1B (MAP1B) in the sciatic nerve of adult rat: distinct transport rates of different isoforms. <i>Journal of Neuroscience</i> , <b>2000</b> , 20, 2112-20	6.6	26
71	Candidate cells for transplantation into the injured CNS. <i>Progress in Brain Research</i> , <b>2000</b> , 128, 253-7	2.9	24
70	Grafting of genetically modified fibroblasts into the injured spinal cord. <i>Progress in Brain Research</i> , <b>2000</b> , 128, 309-19	2.9	10
69	Neural Stem Cells and Gene Therapy: Prospects for Repairing the Injured Spinal Cord. <i>JAMA - Journal of the American Medical Association</i> , <b>2000</b> , 283, 2300	27.4	10
68	Regulation of the expression and phosphorylation of microtubule-associated protein 1B during regeneration of adult dorsal root ganglion neurons. <i>Neuroscience</i> , <b>2000</b> , 99, 157-70	3.9	23
67	Transplants of fibroblasts genetically modified to express BDNF promote regeneration of adult rat rubrospinal axons and recovery of forelimb function. <i>Journal of Neuroscience</i> , <b>1999</b> , 19, 4370-87	6.6	437
66	Induction of microtubule-associated protein 1B expression in Schwann cells during nerve regeneration. <i>Brain Research</i> , <b>1999</b> , 823, 141-53	3.7	31
65	Intraspinal delivery of neurotrophin-3 using neural stem cells genetically modified by recombinant retrovirus. <i>Experimental Neurology</i> , <b>1999</b> , 158, 9-26	5.7	101
64	Induction of MAP1B phosphorylation in target-deprived afferent fibers after kainic acid lesion in the adult rat <b>1998</b> , 396, 193-210		14
63	Intraspinal grafting of fibroblasts genetically modified by recombinant adenoviruses. <i>NeuroReport</i> , <b>1998</b> , 9, 1075-9	1.7	34
62	Acute inactivation of tau has no effect on dynamics of microtubules in growing axons of cultured sympathetic neurons. <i>Journal of Neuroscience</i> , <b>1998</b> , 18, 8660-73	6.6	67

61	Induction of MAP1B phosphorylation in target-deprived afferent fibers after kainic acid lesion in the adult rat <b>1998</b> , 396, 193		2
60	Application of recombinant adenovirus for in vivo gene delivery to spinal cord. <i>Brain Research</i> , <b>1997</b> , 768, 19-29	3-7	71
59	Tau-like proteins in the nervous system of goldfish. <i>Neurochemical Research</i> , <b>1997</b> , 22, 1511-6	4.6	6
58	Microtubule-associated proteins (MAPs) in the peripheral nervous system during development and regeneration. <i>Journal of Molecular Neuroscience</i> , <b>1997</b> , 8, 207-22	3-3	69
57	Cocaine administration in pregnant rabbits alters cortical structure and function in their progeny in the absence of maternal seizures. <i>Experimental Brain Research</i> , <b>1997</b> , 114, 433-41	2-3	24
56	The neurofilament antibody RT97 recognises a developmentally regulated phosphorylation epitope on microtubule-associated protein 1B. <i>Journal of Anatomy</i> , <b>1997</b> , 191 ( Pt 2), 229-44	2.9	20
55	Localisation of microtubule-associated protein 1B phosphorylation sites recognised by monoclonal antibody SMI-31. <i>Journal of Neurochemistry</i> , <b>1997</b> , 69, 1417-24	6	29
54	Triton-soluble phosphovariants of the heavy neurofilament subunit in developing and mature mouse central nervous system. <i>Journal of Neuroscience Research</i> , <b>1997</b> , 48, 515-523	4-4	34
53	Structural analysis of the proximal region of the microtubule-associated protein 1B promoter. <i>Journal of Neurochemistry</i> , <b>1997</b> , 69, 910-9	6	8
52	Isolation and sequencing of the 5' end of the rat microtubule-associated protein (MAP1B)-encoding cDNA. <i>Gene</i> , <b>1996</b> , 171, 307-8	3.8	9
51	cDNA cloning and structural analysis of the human limbic-system-associated membrane protein (LAMP). <i>Gene</i> , <b>1996</b> , 170, 189-95	3.8	46
50	Phosphatase inhibition in human neuroblastoma cells alters tau antigenicity and renders it incompetent to associate with exogenous microtubules. <i>FEBS Letters</i> , <b>1996</b> , 380, 63-7	3.8	17
49	Altered expression of microtubule-associated proteins in cat trochlear motoneurons after peripheral and central lesions of the trochlear nerve. <i>Experimental Neurology</i> , <b>1996</b> , 138, 214-26	5-7	19
48	Role of vimentin in early stages of neuritogenesis in cultured hippocampal neurons. <i>International Journal of Developmental Neuroscience</i> , <b>1996</b> , 14, 739-48	2.7	51
47	Tau is enriched on dynamic microtubules in the distal region of growing axons. <i>Journal of Neuroscience</i> , <b>1996</b> , 16, 3601-19	6.6	213
46	Neuronal abnormalities in microtubule-associated protein 1B mutant mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1996</b> , 93, 1270-5	11.5	139
45	Two alternative promoters direct neuron-specific expression of the rat microtubule-associated protein 1B gene. <i>Journal of Neuroscience</i> , <b>1996</b> , 16, 5026-36	6.6	28
44	Expression of a phosphorylated isoform of MAP1B is maintained in adult central nervous system areas that retain capacity for structural plasticity. <i>Journal of Comparative Neurology</i> , <b>1996</b> , 368, 317-34	3-4	60



43	Short exposure to methylazoxymethanol causes a long-term inhibition of axonal outgrowth from cultured embryonic rat hippocampal neurons. <i>Journal of Neuroscience Research</i> , <b>1996</b> , 46, 349-59	4.4	12
42	Nonuniform alteration of dendritic development in the cerebral cortex following prenatal cocaine exposure. <i>Cerebral Cortex</i> , <b>1996</b> , 6, 431-45	5.1	87
41	The limbic system-associated membrane protein is an Ig superfamily member that mediates selective neuronal growth and axon targeting. <i>Neuron</i> , <b>1995</b> , 15, 287-97	13.9	140
40	The expression and distribution of tau proteins and messenger RNA in rat dorsal root ganglion neurons during development and regeneration. <i>Neuroscience</i> , <b>1995</b> , 66, 707-19	3.9	37
39	Expression and distribution of phosphorylated MAP1B in growing axons of cultured hippocampal neurons. <i>Journal of Neuroscience Research</i> , <b>1995</b> , 40, 439-50	4.4	53
38	Distribution of Big tau in the central nervous system of the adult and developing rat. <i>Journal of Comparative Neurology</i> , <b>1995</b> , 358, 279-93	3.4	47
37	Plasmolipin: the other myelin proteolipid. A review of studies on its structure, expression, and function. <i>Neurochemical Research</i> , <b>1994</b> , 19, 959-66	4.6	16
36	Involvement of protein kinase C in the axonal growth-promoting effect on spinal cord neurons by target-derived astrocytes. <i>Journal of Neurobiology</i> , <b>1994</b> , 25, 1593-612		9
35	Purification and immunological characterization of acid beta-galactosidase from dog liver. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , <b>1993</b> , 106, 373-82		2
34	Microtubule-associated protein tau is required for axonal neurite elaboration by neuroblastoma cells. <i>Journal of Neuroscience Research</i> , <b>1992</b> , 32, 363-74	4.4	55
33	Expression of plasmolipin in oligodendrocytes. <i>Journal of Neuroscience Research</i> , <b>1991</b> , 28, 81-9	4.4	11
32	Calpain-mediated proteolysis of microtubule associated proteins MAP1B and MAP2 in developing brain. <i>Neurochemical Research</i> , <b>1991</b> , 16, 891-8	4.6	67
31	The phylogenic expression of plasmolipin in the vertebrate nervous system. <i>Neurochemical Research</i> , <b>1991</b> , 16, 123-8	4.6	8
30	Post-transcriptional regulation of GAP-43 mRNA levels during neuronal differentiation and nerve regeneration. <i>Molecular and Cellular Neurosciences</i> , <b>1991</b> , 2, 402-9	4.8	62
29	Regulation of microtubule associated protein 2 (MAP2) expression by nerve growth factor in PC12 cells. <i>Experimental Cell Research</i> , <b>1991</b> , 194, 195-201	4.2	42
28	Early in vitro genesis and differentiation of axons and dendrites by hippocampal neurons analyzed quantitatively with neurofilament-H and microtubule-associated protein 2 antibodies. <i>Experimental Neurology</i> , <b>1991</b> , 111, 25-35	5.7	49
27	Differential hormonal modulation of brain antigens recognized by the AB-2 monoclonal antibody. <i>Developmental Brain Research</i> , <b>1991</b> , 62, 91-8		7
26	Differential appearance of extensively phosphorylated forms of the high molecular weight neurofilament protein in regions of mouse brain during postnatal development. <i>Journal of Neuroimmunology</i> , <b>1991</b> , 31, 73-81	3.5	15

25	Association of microtubule-associated protein (MAP1B) with growing axons in cultured hippocampal neurons. <i>Molecular and Cellular Neurosciences</i> , <b>1991</b> , 2, 39-51	4.8	36
24	Presence of the plasma membrane proteolipid (plasmolipin) in myelin. <i>Journal of Neurochemistry</i> , <b>1990</b> , 55, 602-10	6	30
23	Changes in microtubule-associated protein MAP1B phosphorylation during rat brain development. <i>Journal of Neurochemistry</i> , <b>1990</b> , 55, 328-33	6	91
22	Microtubule associated protein (MAP1B) is present in cultured oligodendrocytes and co-localizes with tubulin. <i>Journal of Neuroscience Research</i> , <b>1990</b> , 27, 112-24	4.4	58
21	Turnover of cytoskeletal proteins in vivo. <i>Brain Research</i> , <b>1990</b> , 533, 83-90	3.7	17
20	Expression of the plasma membrane proteolipid in mouse neuroblastoma cells: transient increase in synthesis during differentiation with N6,O2-dibutyryl adenosine 3',5'-cyclic monophosphate. <i>Pathobiology</i> , <b>1989</b> , 57, 131-8	3.6	1
19	Regulation of microtubule-associated protein 2 (MAP2) mRNA expression during rat brain development. <i>Journal of Molecular Neuroscience</i> , <b>1989</b> , 1, 189-98	3.3	24
18	Cloning of a cDNA encoding MAP1B in rat brain: regulation of mRNA levels during development. <i>Journal of Neurochemistry</i> , <b>1989</b> , 52, 1871-9	6	70
17	Developmental regulation of microtubule-associated protein 2 expression in regions of mouse brain. <i>Journal of Neurochemistry</i> , <b>1989</b> , 53, 1910-7	6	47
16	Heterogeneity of microtubule-associated protein (MAP2) in vertebrate brains. <i>Brain Research</i> , <b>1987</b> , 436, 39-48	3.7	36
15	Effects of retinoic acid on expression of the transformed phenotype in C6 glioma cells. <i>Life Sciences</i> , <b>1987</b> , 41, 463-70	6.8	21
14	Expression of a plasma membrane proteolipid during differentiation of neuronal and glial cells in primary culture. <i>Journal of Neurochemistry</i> , <b>1986</b> , 47, 697-706	6	15
13	Characterization and biosynthesis of the plasma membrane proteolipid protein in neural tissue. <i>Journal of Neurochemistry</i> , <b>1986</b> , 47, 232-8	6	17
12	Efficient protein blotting using an economical power supply. <i>Electrophoresis</i> , <b>1986</b> , 7, 429-430	3.6	
11	Induction of lysosomal glycosidases by dibutyryl cAMP in neuroblastoma cells. <i>Neurochemical Research</i> , <b>1986</b> , 11, 589-98	4.6	5
10	Retinoic Acid Induces MAP-2-Containing Neurites in Mouse Neuroblastoma Cells. <i>Annals of the New York Academy of Sciences</i> , <b>1986</b> , 466, 429-430	6.5	5
9	Expression and distribution of microtubule-associated protein 2 (MAP2) in neuroblastoma and primary neuronal cells. <i>Developmental Brain Research</i> , <b>1986</b> , 390, 99-109		81
8	Effect of retinoic acid on growth and morphological differentiation of mouse NB2a neuroblastoma cells in culture. <i>Developmental Brain Research</i> , <b>1985</b> , 353, 307-14		113

7	Preparation of a cell-free system from Chinese hamster ovary cells that translates natural and synthetic messenger ribonucleic acid templates. <i>Methods in Enzymology</i> , <b>1983</b> , 101, 629-35	1.7	5
6	Effects of retinoic acid on protein synthesis in cultured melanoma cells. <i>Journal of Cellular Physiology</i> , <b>1982</b> , 113, 47-55	7	17
5	SOME ASPECTS OF METABOLIC REGULATION OF TRANSLATION IN CULTURED EUKARYOTIC CELLS <b>1982</b> , 455-472		
4	Preparation and characterization of a cell-free system from Chinese hamster ovary cells that translates natural messenger ribonucleic acid and analysis of intermediary reactions. <i>Analytical Biochemistry</i> , <b>1981</b> , 113, 13-26	3.1	14
3	Regulation of translation. Analysis of intermediary reactions in protein synthesis in exponentially growing and stationary phase Chinese hamster ovary cells in culture. <i>Biochemistry</i> , <b>1980</b> , 19, 1417-25	3.2	3 <sup>1</sup>
2	Cell replacement in spinal cord injury445-467		2
1	The neurofilament antibody RT97 recognises a developmentally regulated phosphorylation epitope on microtubule-associated protein 1B		1