

# Paula C Bickford

## List of Publications by Year in descending order

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194  
papers

13,602  
citations

23879

60  
h-index

27587

110  
g-index

211  
all docs

211  
docs citations

211  
times ranked

14156  
citing authors

#	ARTICLE	IF	CITATIONS
1	CX3CL1/CX3CR1 signaling targets for the treatment of neurodegenerative diseases. , 2022, 231, 107989.		53
2	Small Heat Shock Protein 22 Improves Cognition and Learning in the Tauopathic Brain. International Journal of Molecular Sciences, 2022, 23, 851.	1.8	6
3	Myeloid Arginase 1 Insufficiency Exacerbates Amyloid- $\beta$ Associated Neurodegenerative Pathways and Glial Signatures in a Mouse Model of Alzheimer's Disease: A Targeted Transcriptome Analysis. Frontiers in Immunology, 2021, 12, 628156.	2.2	6
4	Polyphenol Supplementation Reverses Age-Related Changes in Microglial Signaling Cascades. International Journal of Molecular Sciences, 2021, 22, 6373.	1.8	1
5	Intranasal delivery of exosomes from human adipose derived stem cells at forty-eight hours post injury reduces motor and cognitive impairments following traumatic brain injury. Neurochemistry International, 2021, 150, 105173.	1.9	21
6	Hsp22 with an N-Terminal Domain Truncation Mediates a Reduction in Tau Protein Levels. International Journal of Molecular Sciences, 2020, 21, 5442.	1.8	10
7	T cell infiltration and upregulation of MHCII in microglia leads to accelerated neuronal loss in an $\alpha$ -synuclein rat model of Parkinson's disease. Journal of Neuroinflammation, 2020, 17, 242.	3.1	54
8	Two forms of CX3CL1 display differential activity and rescue cognitive deficits in CX3CL1 knockout mice. Journal of Neuroinflammation, 2020, 17, 157.	3.1	33
9	Effects of nutraceutical intervention on serum proteins in aged rats. GeroScience, 2020, 42, 703-713.	2.1	3
10	Arginase 1 Insufficiency Precipitates Amyloid- $\beta$ Deposition and Hastens Behavioral Impairment in a Mouse Model of Amyloidosis. Frontiers in Immunology, 2020, 11, 582998.	2.2	15
11	Anthocyanins and Their Metabolites as Therapeutic Agents for Neurodegenerative Disease. Antioxidants, 2019, 8, 333.	2.2	92
12	Astaxanthin supplementation modulates cognitive function and synaptic plasticity in young and aged mice. GeroScience, 2019, 41, 77-87.	2.1	23
13	Astaxanthin is neuroprotective in an aged mouse model of Parkinson's disease. Oncotarget, 2018, 9, 10388-10401.	0.8	45
14	Long noncoding RNA MALAT1 in exosomes drives regenerative function and modulates inflammation-linked networks following traumatic brain injury. Journal of Neuroinflammation, 2018, 15, 204.	3.1	139
15	MALAT1 in human adipose stem cells modulates survival and alternative splicing of PKC $\delta$ in HT22 cells. Endocrinology, 2017, 158, en.2016-1819.	1.4	54
16	Neuroprotective mechanisms of astaxanthin: a potential therapeutic role in preserving cognitive function in age and neurodegeneration. GeroScience, 2017, 39, 19-32.	2.1	138
17	Ageing leads to altered microglial function that reduces brain resiliency increasing vulnerability to neurodegenerative diseases. Experimental Gerontology, 2017, 94, 4-8.	1.2	29
18	Proteomic analysis of aged microglia: shifts in transcription, bioenergetics, and nutrient response. Journal of Neuroinflammation, 2017, 14, 96.	3.1	89

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19	Beneficial effects of a pyrroloquinolinequinone-containing dietary formulation on motor deficiency, cognitive decline and mitochondrial dysfunction in a mouse model of Alzheimer's disease. <i>Heliyon</i> , 2017, 3, e00279.	1.4	24
20	Aging and inflammation in brain plasticity and repair. <i>Experimental Gerontology</i> , 2017, 94, 121.	1.2	0
21	Immunomodulators as Therapeutic Agents in Mitigating the Progression of Parkinson's Disease. <i>Brain Sciences</i> , 2016, 6, 41.	1.1	18
22	HIV Non-Nucleoside Reverse Transcriptase Inhibitor Efavirenz Reduces Neural Stem Cell Proliferation in Vitro and in Vivo. <i>Cell Transplantation</i> , 2016, 25, 1967-1977.	1.2	31
23	NT-020 treatment reduces inflammation and augments Nrf-2 and Wnt signaling in aged rats. <i>Journal of Neuroinflammation</i> , 2015, 12, 174.	3.1	23
24	Novel Molecular Insights into Classical and Alternative Activation States of Microglia as Revealed by Stable Isotope Labeling by Amino Acids in Cell Culture (SILAC)-based Proteomics*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 3173-3184.	2.5	51
25	Nutraceutical intervention reverses the negative effects of blood from aged rats on stem cells. <i>Age</i> , 2015, 37, 103.	3.0	13
26	Fractalkine Over Expression Suppresses $\alpha$ -Synuclein-mediated Neurodegeneration. <i>Molecular Therapy</i> , 2015, 23, 17-23.	3.7	68
27	Anti-Human $\alpha$ -Synuclein N-Terminal Peptide Antibody Protects against Dopaminergic Cell Death and Ameliorates Behavioral Deficits in an AAV- $\alpha$ -Synuclein Rat Model of Parkinson's Disease. <i>PLoS ONE</i> , 2015, 10, e0116841.	1.1	68
28	Intravenous Transplants of Human Adipose-Derived Stem Cell Protect the Brain from Traumatic Brain Injury-Induced Neurodegeneration and Motor and Cognitive Impairments: Cell Graft Biodistribution and Soluble Factors in Young and Aged Rats. <i>Journal of Neuroscience</i> , 2014, 34, 313-326.	1.7	147
29	Comparison of Markers and Functional Attributes of Human Adipose-Derived Stem Cells and Dedifferentiated Adipocyte Cells from Subcutaneous Fat of an Obese Diabetic Donor. <i>Advances in Wound Care</i> , 2014, 3, 219-228.	2.6	33
30	Nutraceutical Intervention Improves Older Adults' Cognitive Functioning. <i>Rejuvenation Research</i> , 2014, 17, 27-32.	0.9	32
31	A single administration of human umbilical cord blood T cells produces long-lasting effects in the aging hippocampus. <i>Age</i> , 2013, 35, 2071-2087.	3.0	31
32	Fractalkine overexpression suppresses tau pathology in a mouse model of tauopathy. <i>Neurobiology of Aging</i> , 2013, 34, 1540-1548.	1.5	89
33	$\alpha$ -Synuclein is a pathological link and therapeutic target for Parkinson's disease and traumatic brain injury. <i>Medical Hypotheses</i> , 2013, 81, 675-680.	0.8	23
34	Neuronal nicotinic receptor agonists improve gait and balance in olivocerebellar ataxia. <i>Neuropharmacology</i> , 2013, 73, 75-86.	2.0	28
35	Long-Term Upregulation of Inflammation and Suppression of Cell Proliferation in the Brain of Adult Rats Exposed to Traumatic Brain Injury Using the Controlled Cortical Impact Model. <i>PLoS ONE</i> , 2013, 8, e53376.	1.1	159
36	Dietary Supplementations as Neuroprotective Therapies: Focus on NT-020 Diet Benefits in a Rat Model of Stroke. <i>International Journal of Molecular Sciences</i> , 2012, 13, 7424-7444.	1.8	12

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37	The Soluble Isoform of CX3CL1 Is Necessary for Neuroprotection in a Mouse Model of Parkinson's Disease. <i>Journal of Neuroscience</i> , 2012, 32, 14592-14601.	1.7	105
38	Insulin Promotes Neuronal Survival via the Alternatively Spliced Protein Kinase C $\delta$ Isoform. <i>Journal of Biological Chemistry</i> , 2012, 287, 9299-9310.	1.6	80
39	Optimized Turmeric Extract Reduces $\beta$ -Amyloid and Phosphorylated Tau Protein Burden in Alzheimer's Transgenic Mice. <i>Current Alzheimer Research</i> , 2012, 9, 500-506.	0.7	55
40	Intravenous Grafts Of Amniotic Fluid-Derived Stem Cells Induce Endogenous Cell Proliferation and Attenuate Behavioral Deficits in Ischemic Stroke Rats. <i>PLoS ONE</i> , 2012, 7, e43779.	1.1	75
41	A Spirulina-Enhanced Diet Provides Neuroprotection in an $\alpha$ -Synuclein Model of Parkinson's Disease. <i>PLoS ONE</i> , 2012, 7, e45256.	1.1	70
42	Fractalkine and CX3CR1 regulate hippocampal neurogenesis in adult and aged rats. <i>Neurobiology of Aging</i> , 2011, 32, 2030-2044.	1.5	317
43	A High-Fat/High-Cholesterol Diet Inhibits Growth of Fetal Hippocampal Transplants via Increased Inflammation. <i>Cell Transplantation</i> , 2011, 20, 1499-1514.	1.2	15
44	Neuronal nicotinic receptor agonists ameliorate 3-acetylpyridine-induced ataxia. <i>Biochemical Pharmacology</i> , 2011, 82, 1041.	2.0	0
45	CX3CL1 reduces neurotoxicity and microglial activation in a rat model of Parkinson's disease. <i>Journal of Neuroinflammation</i> , 2011, 8, 9.	3.1	186
46	CD45 Deficiency Drives Amyloid- $\beta$ Peptide Oligomers and Neuronal Loss in Alzheimer's Disease Mice. <i>Journal of Neuroscience</i> , 2011, 31, 1355-1365.	1.7	74
47	CX3CR1 Deficiency Leads to Impairment of Hippocampal Cognitive Function and Synaptic Plasticity. <i>Journal of Neuroscience</i> , 2011, 31, 16241-16250.	1.7	531
48	Blueberry supplementation attenuates microglial activation in hippocampal intraocular grafts to aged hosts. <i>Glia</i> , 2010, 58, 679-690.	2.5	23
49	Acute Treatment with Herbal Extracts Provides Neuroprotective Benefits in in Vitro and in vivo Stroke Models, Characterized by Reduced Ischemic Cell Death and Maintenance of Motor and Neurological Functions. <i>Cell Medicine</i> , 2010, 1, 137-142.	5.0	3
50	Nanolipidic particles improve the bioavailability and $\beta$ -secretase inducing ability of epigallocatechin-3-gallate (EGCG) for the treatment of Alzheimer's disease. <i>International Journal of Pharmaceutics</i> , 2010, 389, 207-212.	2.6	256
51	NT-020, a Natural Therapeutic Approach to Optimize Spatial Memory Performance and Increase Neural Progenitor Cell Proliferation and Decrease Inflammation in the Aged Rat. <i>Rejuvenation Research</i> , 2010, 13, 581-588.	0.9	57
52	Grafted dopamine neurons: Morphology, neurochemistry, and electrophysiology. <i>Progress in Neurobiology</i> , 2010, 90, 190-197.	2.8	10
53	Spirulina Promotes Stem Cell Genesis and Protects against LPS Induced Declines in Neural Stem Cell Proliferation. <i>PLoS ONE</i> , 2010, 5, e10496.	1.1	52
54	Role of TNF $\alpha$ Induced Inflammation in Delay Eyeblink Conditioning in Young and Aged Rats. , 2010, 1, 191-198.		11

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55	Neuron-Microglia Dialogue and Hippocampal Neurogenesis in the Aged Brain. , 2010, 1, 232-244.		31
56	Effects of blue-green algae extracts on the proliferation of human adult stem cells in vitro: a preliminary study. Medical Science Monitor, 2010, 16, BR1-5.	0.5	6
57	Optimized Turmeric Extracts have Potent Anti-Amyloidogenic Effects. Current Alzheimer Research, 2009, 6, 564-571.	0.7	55
58	Beneficial effects of antioxidant-enriched diet for tyrosine hydroxylase-positive neurons in ventral mesencephalic tissue <i>in oculo</i> grafts. Journal of Comparative Neurology, 2009, 515, 72-82.	0.9	5
59	The Promise and Perils of an Alzheimer Disease Vaccine: A Video Debate. Journal of NeuroImmune Pharmacology, 2009, 4, 1-3.	2.1	3
60	Neurotransmitter release during delay eyeblink classical conditioning: Role of norepinephrine in consolidation and effect of age. Neurobiology of Learning and Memory, 2009, 92, 267-282.	1.0	18
61	Interventions in Aging and Neurodegenerative Disease: Effects on Adult StemCells. , 2009, , 23-37.		0
62	Blueberry-enriched diet ameliorates age-related declines in NMDA receptor-dependent LTP. Age, 2008, 30, 263-272.	3.0	39
63	Dietary Blueberry Supplementation Affects Growth but Not Vascularization of Neural Transplants. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 1150-1164.	2.4	6
64	Peripheral injection of human umbilical cord blood stimulates neurogenesis in the aged rat brain. BMC Neuroscience, 2008, 9, 22.	0.8	84
65	Apigenin and luteolin modulate microglial activation via inhibition of STAT1-induced CD40 expression. Journal of Neuroinflammation, 2008, 5, 41.	3.1	175
66	Developmental regulation of leucine-rich repeat kinase 1 and 2 expression in the brain and other rodent and human organs: Implications for Parkinson's disease. Neuroscience, 2008, 152, 429-436.	1.1	96
67	Dietary Supplementation Exerts Neuroprotective Effects in Ischemic Stroke Model. Rejuvenation Research, 2008, 11, 201-214.	0.9	43
68	Blueberry Opposes $\text{A}\beta$ -Amyloid Peptide-Induced Microglial Activation Via Inhibition of p44/42 Mitogen-Activation Protein Kinase. Rejuvenation Research, 2008, 11, 891-901.	0.9	45
69	Apparent Behavioral Benefits of Tau Overexpression in P301L Tau Transgenic Mice. Journal of Alzheimer's Disease, 2008, 15, 605-614.	1.2	36
70	CD45RB Is a Novel Molecular Therapeutic Target to Inhibit $\text{A}\beta$ Peptide-Induced Microglial MAPK Activation. PLoS ONE, 2008, 3, e2135.	1.1	21
71	Human Umbilical Cord Blood Treatment in a Mouse Model of ALS: Optimization of Cell Dose. PLoS ONE, 2008, 3, e2494.	1.1	90
72	Interleukin-1 $\beta$ and Caspase-1: Players in the Regulation of Age-related Cognitive Dysfunction. Reviews in the Neurosciences, 2007, 18, 137-48.	1.4	86

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73	Trophic factor induction of human umbilical cord blood cells in vitro and in vivo. <i>Journal of Neural Engineering</i> , 2007, 4, 130-145.	1.8	41
74	Oxidative Stress of Neural, Hematopoietic, and Stem Cells: Protection by Natural Compounds. <i>Rejuvenation Research</i> , 2007, 10, 173-178.	0.9	36
75	Blockade of caspase-1 increases neurogenesis in the aged hippocampus. <i>European Journal of Neuroscience</i> , 2007, 26, 2795-2803.	1.2	62
76	Effects of NGF and BDNF on baseline glutamate and dopamine release in the hippocampal formation of the adult rat. <i>Brain Research</i> , 2007, 1141, 56-64.	1.1	37
77	Early inhibition of TNF- $\alpha$ increases 6-hydroxydopamine-induced striatal degeneration. <i>Brain Research</i> , 2007, 1147, 240-247.	1.1	19
78	Spirulina, Aging, and Neurobiology. , 2007, , 271-291.		2
79	Nutraceuticals Synergistically Promote Proliferation of Human Stem Cells. <i>Stem Cells and Development</i> , 2006, 15, 118-123.	1.1	67
80	Dietary supplementation with blueberry extract attenuates the age-associated increase in microglial activation. <i>Experimental Neurology</i> , 2006, 198, 594.	2.0	0
81	Cord blood rescues stroke-induced changes in splenocyte phenotype and function. <i>Experimental Neurology</i> , 2006, 199, 191-200.	2.0	221
82	Selective decline of Nogo mRNA in the aging brain. <i>NeuroReport</i> , 2006, 17, 913-916.	0.6	16
83	Novel cell therapy approaches for brain repair. <i>Progress in Brain Research</i> , 2006, 157, 207-222.	0.9	48
84	Frontiers in Neural Transplantation and Repair: A Special Issue Based on the 11th ASNTR Meeting. <i>Cell Transplantation</i> , 2005, 14, 171-172.	1.2	1
85	Blueberry Extract Enhances Survival of Intraocular Hippocampal Transplants. <i>Cell Transplantation</i> , 2005, 14, 213-223.	1.2	24
86	Umbilical Cord Blood-Derived Stem Cells and Brain Repair. <i>Annals of the New York Academy of Sciences</i> , 2005, 1049, 67-83.	1.8	105
87	Improvement of memory for context by inhibition of caspase-1 in aged rats. <i>European Journal of Neuroscience</i> , 2005, 22, 1751-1756.	1.2	70
88	Inosine Reduces Ischemic Brain Injury in Rats. <i>Stroke</i> , 2005, 36, 654-659.	1.0	106
89	Brain-Derived Neurotrophic Factor Is Required for the Establishment of the Proper Number of Dopaminergic Neurons in the Substantia Nigra Pars Compacta. <i>Journal of Neuroscience</i> , 2005, 25, 6251-6259.	1.7	261
90	Dietary supplementation with blueberries, spinach, or spirulina reduces ischemic brain damage. <i>Experimental Neurology</i> , 2005, 193, 75-84.	2.0	171

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91	Blueberry- and spirulina-enriched diets enhance striatal dopamine recovery and induce a rapid, transient microglia activation after injury of the rat nigrostriatal dopamine system. <i>Experimental Neurology</i> , 2005, 196, 298-307.	2.0	86
92	Correlation Chart of the evolution of the Trans-Hudson Orogen $\hat{\text{A}}$ – Manitoba $\hat{\text{A}}$ –Saskatchewan segment. <i>Canadian Journal of Earth Sciences</i> , 2005, 42, 761.	0.6	8
93	Anti-inflammatory Effects of Human Cord Blood Cells in a Rat Model of Stroke. <i>Stem Cells and Development</i> , 2005, 14, 595-604.	1.1	229
94	A Central Role for Norepinephrine in the Modulation of Cerebellar Learning Tasks. <i>Behavioral and Cognitive Neuroscience Reviews</i> , 2004, 3, 131-138.	3.9	25
95	Cerebellar norepinephrine modulates learning of delay classical eyeblink conditioning: Evidence for post-synaptic signaling via PKA. <i>Learning and Memory</i> , 2004, 11, 732-737.	0.5	20
96	Beneficial effects of intraventricularly administered BMP-7 following a striatal 6-hydroxydopamine lesion. <i>Brain Research</i> , 2004, 1010, 10-16.	1.1	14
97	Free radical-dependent nuclear localization of Bcl-2 in the central nervous system of aged rats is not associated with Bcl-2-mediated protection from apoptosis. <i>Journal of Neurochemistry</i> , 2004, 87, 981-994.	2.1	17
98	Do hematopoietic cells exposed to a neurogenic environment mimic properties of endogenous neural precursors?. <i>Journal of Neuroscience Research</i> , 2004, 76, 244-254.	1.3	46
99	Green fluorescent protein bone marrow cells express hematopoietic and neural antigens in culture and migrate within the neonatal rat brain. <i>Journal of Neuroscience Research</i> , 2004, 76, 255-264.	1.3	15
100	Rapid differentiation of NT2 cells in Sertoli $\hat{\text{A}}$ –NT2 cell tissue constructs grown in the rotating wall bioreactor. <i>Brain Research Bulletin</i> , 2004, 64, 347-356.	1.4	14
101	Sulindac improves memory and increases NMDA receptor subunits in aged Fischer 344 rats. <i>Neurobiology of Aging</i> , 2004, 25, 315-324.	1.5	77
102	Rosiglitazone improves contextual fear conditioning in aged rats. <i>NeuroReport</i> , 2004, 15, 2255-2259.	0.6	21
103	Exogenous NGF restores endogenous NGF distribution in the brain of the cognitively impaired aged rat. <i>Brain Research</i> , 2003, 967, 306-310.	1.1	29
104	Free radical-dependent changes in constitutive Nuclear factor kappa B in the aged hippocampus. <i>NeuroReport</i> , 2002, 13, 1917-1920.	0.6	23
105	The Effects of $\hat{\text{A}}$ <sup>2</sup> -Noradrenergic Receptor Blockade on Acquisition of Eyeblink Conditioning in 3-Month-Old F344 Rats. <i>Neurobiology of Learning and Memory</i> , 2002, 78, 246-257.	1.0	14
106	Nicotine's oxidative and antioxidant properties in CNS. <i>Life Sciences</i> , 2002, 71, 2807-2820.	2.0	79
107	Effects of hippocampal lesions on patterned motor learning in the rat. <i>Brain Research Bulletin</i> , 2002, 58, 581-586.	1.4	42
108	Eighteen-Month-Old Fischer 344 Rats Fed a Spinach-Enriched Diet Show Improved Delay Classical Eyeblink Conditioning and Reduced Expression of Tumor Necrosis Factor $\hat{\text{A}}$ (TNF $\hat{\text{A}}$ ) and TNF $\hat{\text{A}}$ <sup>2</sup> in the Cerebellum. <i>Journal of Neuroscience</i> , 2002, 22, 5813-5816.	1.7	44

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109	Diets Enriched in Foods with High Antioxidant Activity Reverse Age-Induced Decreases in Cerebellar $\beta$ -Adrenergic Function and Increases in Proinflammatory Cytokines. <i>Journal of Neuroscience</i> , 2002, 22, 6114-6120.	1.7	120
110	A Hippocampal NR2B Deficit Can Mimic Age-Related Changes in Long-Term Potentiation and Spatial Learning in the Fischer 344 Rat. <i>Journal of Neuroscience</i> , 2002, 22, 3628-3637.	1.7	231
111	AUDITORY SENSORY GATING IN THE HIPPOCAMPUS. , 2002, , .		1
112	THE CEREBELLUM AND MOTOR LEARNING: ROLE OF NOREPINEPHRINE IN SYNAPTIC PLASTICITY. , 2002, , .		0
113	Oxidative-stress-dependent up-regulation of Bcl-2 expression in the central nervous system of aged Fisher-344 rats. <i>Journal of Neurochemistry</i> , 2001, 76, 1099-1108.	2.1	68
114	GDNF improves cerebellar Purkinje neuron function in aged F344 rats. <i>Microscopy Research and Technique</i> , 2001, 54, 309-316.	1.2	6
115	Motor learning in Ts65Dn mice, a model for Down syndrome. <i>Developmental Psychobiology</i> , 2001, 38, 33-45.	0.9	53
116	Short-Term Dietary Supplementation of Blueberry Polyphenolics: Beneficial Effects on Aging Brain Performance and Peripheral Tissue Function. <i>Nutritional Neuroscience</i> , 2000, 3, 383-397.	1.5	129
117	Inhibitory neurophysiological deficit as a phenotype for genetic investigation of schizophrenia. , 2000, 97, 58-64.		84
118	Time course of degenerative alterations in nigral dopaminergic neurons following a 6-hydroxydopamine lesion. <i>Journal of Comparative Neurology</i> , 2000, 427, 440-454.	0.9	123
119	Antioxidant-rich diets improve cerebellar physiology and motor learning in aged rats. <i>Brain Research</i> , 2000, 866, 211-217.	1.1	262
120	Caloric restriction prevents age-related deficits in LTP and in NMDA receptor expression. <i>Molecular Brain Research</i> , 2000, 78, 154-162.	2.5	174
121	Benzodiazepine modulation of GABAergic responses is intact in the cerebellum of aged F344 rats. <i>Neuroscience Letters</i> , 2000, 291, 187-190.	1.0	13
122	Effects of intra-striatal GDNF on motor coordination and striatal electrophysiology in aged F344 rats. <i>Neurobiology of Aging</i> , 2000, 21, 117-124.	1.5	21
123	Hyperoxia-induced changes in antioxidant capacity and the effect of dietary antioxidants. <i>Journal of Applied Physiology</i> , 1999, 86, 1817-1822.	1.2	43
124	Multiple single units and population responses during inhibitory gating of hippocampal auditory response in freely-moving rats. <i>Brain Research</i> , 1999, 825, 75-85.	1.1	82
125	Effects of aging on cerebellar noradrenergic function and motor learning: nutritional interventions. <i>Mechanisms of Ageing and Development</i> , 1999, 111, 141-154.	2.2	77
126	Effect of normobaric hyperoxia on two indexes of synaptic function in fisher 344 rats. <i>Free Radical Biology and Medicine</i> , 1999, 26, 817-824.	1.3	20



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127	Acute peroxide treatment of rat hippocampal slices induces adenosine-mediated inhibition of excitatory transmission in area CA1. <i>Neuroscience Letters</i> , 1999, 274, 91-94.	1.0	19
128	Reversals of Age-Related Declines in Neuronal Signal Transduction, Cognitive, and Motor Behavioral Deficits with Blueberry, Spinach, or Strawberry Dietary Supplementation. <i>Journal of Neuroscience</i> , 1999, 19, 8114-8121.	1.7	852
129	Membrane and Receptor Modifications of Oxidative Stress Vulnerability in Aging: Nutritional Considerations. <i>Annals of the New York Academy of Sciences</i> , 1998, 854, 268-276.	1.8	57
130	Antioxidant protection of cerebellar $\hat{1}^2$ -adrenergic receptor function in aged F344 rats. <i>Neuroscience Letters</i> , 1998, 250, 165-168.	1.0	8
131	AGE-RELATED NEURODEGENERATION AND OXIDATIVE STRESS. <i>Neurologic Clinics</i> , 1998, 16, 747-755.	0.8	74
132	Schizophrenia, Sensory Gating, and Nicotinic Receptors. <i>Schizophrenia Bulletin</i> , 1998, 24, 189-202.	2.3	653
133	Long-Term Dietary Strawberry, Spinach, or Vitamin E Supplementation Retards the Onset of Age-Related Neuronal Signal-Transduction and Cognitive Behavioral Deficits. <i>Journal of Neuroscience</i> , 1998, 18, 8047-8055.	1.7	364
134	Intracerebroventricular Glial Cell Line-Derived Neurotrophic Factor Improves Motor Function and Supports Nigrostriatal Dopamine Neurons in Bilaterally 6-Hydroxydopamine Lesioned Rats. <i>Experimental Neurology</i> , 1997, 145, 104-117.	2.0	59
135	$\hat{1}^2$ -Adrenergic Modulation of GABAergic Inhibition in the Deep Cerebellar Nuclei of F344 Rats. <i>Neuropharmacology</i> , 1997, 36, 75-81.	2.0	22
136	Amelioration of Age-Related Deficits in the Stimulation of Synapsin Phosphorylation. <i>Neurobiology of Aging</i> , 1997, 18, 213-217.	1.5	19
137	Long-Term Treatment of Male F344 Rats with Deprenyl: Assessment of Effects on Longevity, Behavior, and Brain Function. <i>Neurobiology of Aging</i> , 1997, 18, 309-318.	1.5	32
138	Effects of ethanol and nomifensine on NE clearance in the cerebellum of young and aged Fischer 344 rats. <i>Brain Research</i> , 1997, 756, 287-292.	1.1	14
139	Caloric restriction enhances evoked DA overflow in striatum and nucleus accumbens of aged Fischer 344 rats. <i>Brain Research</i> , 1997, 763, 276-280.	1.1	24
140	Sensory gating in a computer model of the CA3 neural network of the hippocampus. <i>Biological Psychiatry</i> , 1996, 40, 1230-1245.	0.7	33
141	Glial cell line-derived neurotrophic factor reverses motor impairment in 16-17 month old rats. <i>Neuroscience Letters</i> , 1996, 211, 81-84.	1.0	35
142	The effects of aging on cerebellar $\hat{1}^2$ -adrenergic receptor activation and motor learning in female F344 rats. <i>Neuroscience Letters</i> , 1996, 216, 53-56.	1.0	16
143	Acquisition of a runway motor learning task is impaired by a beta adrenergic antagonist in F344 rats. <i>Behavioural Brain Research</i> , 1996, 78, 235-241.	1.2	26
144	Decline in striatal dopamine D1 and D2 receptor activation in aged F344 rats. <i>Neurobiology of Aging</i> , 1996, 17, 877-883.	1.5	17

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145	Reduced ageing effects of striatal neuronal discharge rate by aged ventral mesencephalic grafts. <i>NeuroReport</i> , 1996, 7, 693-696.	0.6	18
146	Nicotinic Receptor Function in Schizophrenia. <i>Schizophrenia Bulletin</i> , 1996, 22, 431-446.	2.3	243
147	Effects of dietary restriction on motor learning and cerebellar noradrenergic dysfunction in aged F344 rats. <i>Brain Research</i> , 1995, 684, 150-158.	1.1	23
148	Restoration of sensory gating of auditory evoked response by nicotine in fimbria-fornix lesioned rats. <i>Brain Research</i> , 1995, 705, 235-240.	1.1	53
149	Ageing and Motor Learning: A Possible Role for Norepinephrine in Cerebellar Plasticity. <i>Reviews in the Neurosciences</i> , 1995, 6, 35-46.	1.4	28
150	Tissue Plasminogen Activator Induction in Purkinje Neurons After Cerebellar Motor Learning. <i>Science</i> , 1995, 270, 1992-1994.	6.0	307
151	GABAB antagonists diminish the inhibitory gating of auditory response in the rat hippocampus. <i>Neuroscience Letters</i> , 1995, 190, 133-136.	1.0	75
152	Schizophrenia and Nicotinic Receptors. <i>Harvard Review of Psychiatry</i> , 1994, 2, 179-192.	0.9	197
153	The effects of chronic treatment with N-tert-butyl- $\beta$ -phenylnitronone on cerebellar noradrenergic receptor function in aged F344 rats. <i>Brain Research</i> , 1994, 660, 333-336.	1.1	18
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