

# Margaret Fahnestock

## List of Publications by Year in descending order

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139  
papers

9,515  
citations

36303

51  
h-index

39675

94  
g-index

146  
all docs

146  
docs citations

146  
times ranked

10519  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Retrograde Axonal Transport of Neurotrophins in Basal Forebrain Cholinergic Neurons. <i>Methods in Molecular Biology</i> , 2022, 2431, 249-270.  | 0.9 | 4         |
| 2  | Nurr1 Is Not an Essential Regulator of BDNF in Mouse Cortical Neurons. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6853.  | 4.1 | 5         |
| 3  | Cholinergic neurodegeneration in Alzheimer disease mouse models. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2021, 182, 191-209.  | 1.8 | 12        |
| 4  | Aberrant AZIN2 and polyamine metabolism precipitates tau neuropathology. <i>Journal of Clinical Investigation</i> , 2021, 131, .   | 8.2 | 20        |
| 5  | Understanding the Neurophysiological and Molecular Mechanisms of Exercise-Induced Neuroplasticity in Cortical and Descending Motor Pathways: Where Do We Stand?. <i>Neuroscience</i> , 2021, 457, 259-282.                       | 2.3 | 25        |
| 6  | Effect of <sc>noninvasive</sc> brain stimulation on behavior and serum brain-derived neurotrophic factor and insulin-like growth factor-1 levels in autistic patients. <i>Drug Development Research</i> , 2021, 82, 716-723.     | 2.9 | 5         |
| 7  | Effects of Reactive Oxygen and Nitrogen Species on TrkA Expression and Signalling: Implications for proNGF in Aging and Alzheimer's Disease. <i>Cells</i> , 2021, 10, 1983.  | 4.1 | 13        |
| 8  | Differential effects of chronic immunosuppression on behavioral, epigenetic, and Alzheimer's disease-associated markers in 3xTg-AD mice. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 30.                                 | 6.2 | 7         |
| 9  | Leveraging amino acid sensors as therapeutic targets for tauopathies and related dementias. <i>Alzheimer's and Dementia</i> , 2020, 16, e043859.   | 0.8 | 0         |
| 10 | A Single Bout of High-intensity Interval Exercise Increases Corticospinal Excitability, Brain-derived Neurotrophic Factor, and Uncarboxylated Osteocalcin in Sedentary, Healthy Males. <i>Neuroscience</i> , 2020, 437, 242-255. | 2.3 | 34        |
| 11 | Insulin-Like Growth Factor and Insulin-Like Growth Factor Receptor Expression in Human Idiopathic Autism Fusiform Gyrus Tissue. <i>Autism Research</i> , 2020, 13, 897-907.  | 3.8 | 10        |
| 12 | The retrograde transport of BDNF and proNGF diminishes with age in basal forebrain cholinergic neurons. <i>IBRO Reports</i> , 2019, 6, S499-S500.  | 0.3 | 0         |
| 13 | Retrograde axonal transport of BDNF and proNGF diminishes with age in basal forebrain cholinergic neurons. <i>Neurobiology of Aging</i> , 2019, 84, 131-140.   | 3.1 | 15        |
| 14 | No changes in corticospinal excitability, biochemical markers, and working memory after six weeks of high-intensity interval training in sedentary males. <i>Physiological Reports</i> , 2019, 7, e14140.                        | 1.7 | 30        |
| 15 | The Effects of Biological Sex and Ovarian Hormones on Exercise-Induced Neuroplasticity. <i>Neuroscience</i> , 2019, 410, 29-40.  | 2.3 | 24        |
| 16 | ProNGF and Neurodegeneration in Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2019, 13, 129.   | 2.8 | 84        |
| 17 | P4499: THE RETROGRADE TRANSPORT OF BDNF AND PRONGF DIMINISHES WITH AGE IN BASAL FOREBRAIN CHOLINERGIC NEURONS. <i>Alzheimer's and Dementia</i> , 2019, 15, P1504.  | 0.8 | 0         |
| 18 | Effects of aerobic training, resistance training, or both on brain-derived neurotrophic factor in adolescents with obesity: The hearty randomized controlled trial. <i>Physiology and Behavior</i> , 2018, 191, 138-145.         | 2.1 | 26        |

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|----|--|------|-----------|
| 19 | Neuroimmunologic and Neurotrophic Interactions in Autism Spectrum Disorders: Relationship to Neuroinflammation. <i>NeuroMolecular Medicine</i> , 2018, 20, 161-173.  | 3.4  | 47        |
| 20 | The valproic acid-induced rodent model of autism. <i>Experimental Neurology</i> , 2018, 299, 217-227.  | 4.1  | 350       |
| 21 | Clustering the autisms using glutamate synapse protein interaction networks from cortical and hippocampal tissue of seven mouse models. <i>Molecular Autism</i> , 2018, 9, 48.   | 4.9  | 23        |
| 22 | Early Intervention with a Multi-Ingredient Dietary Supplement Improves Mood and Spatial Memory in a Triple Transgenic Mouse Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 64, 835-857.   | 2.6  | 10        |
| 23 | The Microglial Innate Immune Receptor TREM2 Is Required for Synapse Elimination and Normal Brain Connectivity. <i>Immunity</i> , 2018, 48, 979-991.e8.   | 14.3 | 436       |
| 24 | Sex-Dependent Differences in Spontaneous Autoimmunity in Adult 3xTg-AD Mice. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 1191-1205.  | 2.6  | 18        |
| 25 | Cholinergic Surveillance over Hippocampal RNA Metabolism and Alzheimer's-Like Pathology. <i>Cerebral Cortex</i> , 2017, 27, bhw177.  | 2.9  | 42        |
| 26 | [P14209]: NGF AND BDNF DYSMETABOLISM IN A TRANSGENIC RAT MODEL OF ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P322.   | 0.8  | 0         |
| 27 | The serine protease inhibitor neuroserpin is required for normal synaptic plasticity and regulates learning and social behavior. <i>Learning and Memory</i> , 2017, 24, 650-659.                                       | 1.3  | 24        |
| 28 | The Effects of Physical Exercise and Cognitive Training on Memory and Neurotrophic Factors. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 1895-1907.  | 2.3  | 90        |
| 29 | [O1405]: SEX-SPECIFIC CHANGES IN SYSTEMIC IMMUNE STATUS AND CENTRAL PATHOLOGY IN 3XTG-AD MICE. <i>Alzheimer's and Dementia</i> , 2017, 13, P230.   | 0.8  | 0         |
| 30 | ProNGF, but Not NGF, Switches from Neurotrophic to Apoptotic Activity in Response to Reductions in TrkA Receptor Levels. <i>International Journal of Molecular Sciences</i> , 2017, 18, 599.                           | 4.1  | 67        |
| 31 | Differential deregulation of NGF and BDNF neurotrophins in a transgenic rat model of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2017, 108, 307-323.   | 4.4  | 66        |
| 32 | P4086: TAU Modulates BDNF Expression and Mediates A $\beta$ -Induced Bdnf Down-Regulation in Animal and Cellular Models of Alzheimer's Disease. <i>Alzheimer's and Dementia</i> , 2016, 12, P1045.                     | 0.8  | 2         |
| 33 | Electrical muscle stimulation elevates intramuscular BDNF and GDNF mRNA following peripheral nerve injury and repair in rats. <i>Neuroscience</i> , 2016, 334, 93-104.   | 2.3  | 62        |
| 34 | Tau downregulates BDNF expression in animal and cellular models of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2016, 48, 135-142.  | 3.1  | 63        |
| 35 | Cerebrospinal Fluid proNGF: A Putative Biomarker for Early Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2016, 13, 800-808.   | 1.4  | 35        |
| 36 | ISDN2014_0114: Decreased mTOR signaling via p70S6K/eIF4B is associated with loss of the excitatory postsynaptic marker PSD-95 in autism. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 32-32. | 1.6  | 1         |

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|----|---|-----|-----------|
| 37 | Calcitonin gene-related peptide regulation of glial cell-line derived neurotrophic factor in differentiated rat myotubes. <i>Journal of Neuroscience Research</i> , 2015, 93, 514-520.                                      | 2.9 | 10        |
| 38 | Bridging the Gap between Genes and Behavior: Brain-Derived Neurotrophic Factor and the mTOR Pathway in Idiopathic Autism. <i>Autism-open Access</i> , 2015, 05, .   | 0.2 | 8         |
| 39 | CREB expression mediates amyloid $\beta$ -induced basal BDNF downregulation. <i>Neurobiology of Aging</i> , 2015, 36, 2406-2413.  | 3.1 | 102       |
| 40 | Decreased mTOR signaling pathway in human idiopathic autism and in rats exposed to valproic acid. <i>Acta Neuropathologica Communications</i> , 2015, 3, 3.   | 5.2 | 69        |
| 41 | Brain-derived neurotrophic factor and TrkB expression in the "oldest-old," the 90+ Study: correlation with cognitive status and levels of soluble amyloid-beta. <i>Neurobiology of Aging</i> , 2015, 36, 3130-3139.         | 3.1 | 44        |
| 42 | Synergistic effects of diet and exercise on hippocampal function in chronically stressed mice. <i>Neuroscience</i> , 2015, 308, 180-193.  | 2.3 | 29        |
| 43 | Increased pro-nerve growth factor and decreased brain-derived neurotrophic factor in non-Alzheimer's disease tauopathies. <i>Neurobiology of Aging</i> , 2014, 35, 926-933.   | 3.1 | 40        |
| 44 | Attenuation of mania-like behavior in Na <sup>+</sup> ,K <sup>+</sup> -ATPase $\beta$ 3 mutant mice by prospective therapies for bipolar disorder: Melatonin and exercise. <i>Neuroscience</i> , 2014, 260, 195-204.        | 2.3 | 27        |
| 45 | Sensory Nerve Cross-Anastomosis and Electrical Muscle Stimulation Synergistically Enhance Functional Recovery of Chronically Denervated Muscle. <i>Plastic and Reconstructive Surgery</i> , 2014, 134, 736e-745e.           | 1.4 | 20        |
| 46 | Amyloid-Beta, BDNF, and the Mechanism of Neurodegeneration in Alzheimer's Disease. , 2014, , 1597-1620.   |     | 2         |
| 47 | Abnormalities in BDNF/TrkB/PI3K signaling pathways in autism (728.3). <i>FASEB Journal</i> , 2014, 28, 728.3.   | 0.5 | 1         |
| 48 | Cerebrolysin modulates pro-nerve growth factor/nerve growth factor ratio and ameliorates the cholinergic deficit in a transgenic model of Alzheimer's disease. <i>Journal of Neuroscience Research</i> , 2013, 91, 167-177. | 2.9 | 54        |
| 49 | Eps8 controls dendritic spine density and synaptic plasticity through its actin-capping activity. <i>EMBO Journal</i> , 2013, 32, 1730-1744.  | 7.8 | 54        |
| 50 | Overexpression of nerve growth factor by murine smooth muscle cells: Role of the p75 neurotrophin receptor on sympathetic and sensory sprouting. <i>Journal of Comparative Neurology</i> , 2013, 521, 2621-2643.            | 1.6 | 9         |
| 51 | Electrical muscle stimulation after immediate nerve repair reduces muscle atrophy without affecting reinnervation. <i>Muscle and Nerve</i> , 2013, 48, 219-225.   | 2.2 | 33        |
| 52 | A novel anticonvulsant modulates voltage-gated sodium channel inactivation and prevents kindling-induced seizures. <i>Journal of Neurochemistry</i> , 2013, 126, 651-661.   | 3.9 | 10        |
| 53 | The Prion Protein Ligand, Stress-Inducible Phosphoprotein 1, Regulates Amyloid- $\beta$ Oligomer Toxicity. <i>Journal of Neuroscience</i> , 2013, 33, 16552-16564.  | 3.6 | 70        |
| 54 | Cholinergic basal forebrain circuit degeneration in Alzheimer's disease. <i>FASEB Journal</i> , 2013, 27, 316.5.  | 0.5 | 1         |

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|----|---|-----|-----------|
| 55 | Reduced Tissue Levels of Noradrenaline Are Associated with Behavioral Phenotypes of the TgCRND8 Mouse Model of Alzheimer's Disease. <i>Neuropsychopharmacology</i> , 2012, 37, 1934-1944.               | 5.4 | 62        |
| 56 | Altered Balance of Proteolytic Isoforms of Pro-Brain-Derived Neurotrophic Factor in Autism. <i>Journal of Neuropathology and Experimental Neurology</i> , 2012, 71, 289-297.                            | 1.7 | 79        |
| 57 | BDNF increases with behavioral enrichment and an antioxidant diet in the aged dog. <i>Neurobiology of Aging</i> , 2012, 33, 546-554.  | 3.1 | 87        |
| 58 | Object recognition memory and BDNF expression are reduced in young TgCRND8 mice. <i>Neurobiology of Aging</i> , 2012, 33, 555-563.  | 3.1 | 92        |
| 59 | The anxiolytic effect of <i>Bifidobacterium longum</i> NCC3001 involves vagal pathways for gut-brain communication. <i>Neurogastroenterology and Motility</i> , 2011, 23, 1132-1139.                    | 3.0 | 805       |
| 60 | Cholinergic basal forebrain system alterations in 3xTg-AD transgenic mice. <i>Neurobiology of Disease</i> , 2011, 41, 338-352.  | 4.4 | 77        |
| 61 | Brain-derived neurotrophic factor: the link between amyloid- $\beta^2$ and memory loss. <i>Future Neurology</i> , 2011, 6, 627-639.   | 0.5 | 48        |
| 62 | Nerve growth factor promoter activity revealed in mice expressing enhanced green fluorescent protein. <i>Journal of Comparative Neurology</i> , 2011, 519, 2522-2545.                                   | 1.6 | 26        |
| 63 | Determining the effects of electrical stimulation on functional recovery of denervated rat gastrocnemius muscle using motor unit number estimation. , 2011, 2011, 1977-80.                              |     | 10        |
| 64 | A New System and Paradigm for Chronic Stimulation of Denervated Rat Muscle. <i>Journal of Medical and Biological Engineering</i> , 2011, 31, 87.  | 1.8 | 16        |
| 65 | Biological Activity of Nerve Growth Factor Precursor Is Dependent upon Relative Levels of Its Receptors. <i>Journal of Biological Chemistry</i> , 2009, 284, 18424-18433.                               | 3.4 | 115       |
| 66 | Decreased Brain-Derived Neurotrophic Factor Depends on Amyloid Aggregation State in Transgenic Mouse Models of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2009, 29, 9321-9329.               | 3.6 | 185       |
| 67 | Sensory Protection of Rat Muscle Spindles following Peripheral Nerve Injury and Reinnervation. <i>Plastic and Reconstructive Surgery</i> , 2009, 124, 1860-1868.  | 1.4 | 32        |
| 68 | Erratum. <i>Journal of Neurosurgery</i> , 2009, 110, 197.   | 1.6 | 0         |
| 69 | Proteasome Inhibition by Felicitamide B Induces Nerve Growth Factor Synthesis. <i>Chemistry and Biology</i> , 2008, 15, 501-512.  | 6.0 | 95        |
| 70 | Long-term changes in neurotrophic factor expression in distal nerve stump following denervation and reinnervation with motor or sensory nerve. <i>Journal of Neurochemistry</i> , 2008, 105, 1244-1252. | 3.9 | 63        |
| 71 | Clinical application of sensory protection of denervated muscle. <i>Journal of Neurosurgery</i> , 2008, 109, 955-961.   | 1.6 | 34        |
| 72 | Decreased ProBDNF: The Cause of Alzheimer's-Associated Neurodegeneration and Cognitive Decline?. , 2008, , 279-283.   |     | 0         |

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|----|--|-----|-----------|
| 73 | Shift in the Balance of TRKA and ProNGF in Prodromal Alzheimer's Disease. , 2008, , 285-290.   |     | 0         |
| 74 | Oligomeric Amyloid Decreases Basal Levels of Brain-Derived Neurotrophic factor (BDNF) mRNA via Specific Downregulation of BDNF Transcripts IV and V in Differentiated Human Neuroblastoma Cells. Journal of Neuroscience, 2007, 27, 2628-2635. | 3.6 | 162       |
| 75 | Cholinergic Molecular Substrates of Mild Cognitive Impairment in the Elderly. Current Alzheimer Research, 2007, 4, 340-350.  | 1.4 | 91        |
| 76 | Neurotrophic activity of proNGF in vivo. Experimental Neurology, 2007, 204, 832-835.   | 4.1 | 24        |
| 77 | NT-3 modulates BDNF and proBDNF levels in naïve and kindled rat hippocampus. Neurochemistry International, 2007, 50, 866-871.  | 3.8 | 17        |
| 78 | Differential gene expression profiling of short and long term denervated muscle. FASEB Journal, 2006, 20, 115-117.   | 0.5 | 105       |
| 79 | Kindling, Neurotrophins and Axon-Guidance Factors. , 2005, , 229-240.  |     | 0         |
| 80 | Precursor form of brain-derived neurotrophic factor and mature brain-derived neurotrophic factor are decreased in the pre-clinical stages of Alzheimer's disease. Journal of Neurochemistry, 2005, 93, 1412-1421.                              | 3.9 | 614       |
| 81 | Time-dependent Effect of Kainate-induced Seizures on Glutamate Receptor GluR5, GluR6, and GluR7 mRNA and Protein Expression in Rat Hippocampus. Epilepsia, 2005, 46, 616-623.  | 5.1 | 25        |
| 82 | Contribution of the Distal Nerve Sheath to Nerve and Muscle Preservation Following Denervation and Sensory Protection. Journal of Reconstructive Microsurgery, 2005, 21, 57-70.  | 1.8 | 31        |
| 83 | Differential actions of nerve growth factor receptors TrkA and p75NTR in a rat model of epileptogenesis. Molecular and Cellular Neurosciences, 2005, 29, 162-172.  | 2.2 | 14        |
| 84 | Strain differences affect the induction of status epilepticus and seizure-induced morphological changes. European Journal of Neuroscience, 2004, 20, 403-418.  | 2.6 | 56        |
| 85 | The nerve growth factor precursor proNGF exhibits neurotrophic activity but is less active than mature nerve growth factor. Journal of Neurochemistry, 2004, 89, 581-592.  | 3.9 | 159       |
| 86 | A new brain-derived neurotrophic factor transcript and decrease in brain-derived neurotrophic factor transcripts 1, 2 and 3 in Alzheimer's disease parietal cortex. Journal of Neurochemistry, 2004, 82, 1058-1064.                            | 3.9 | 122       |
| 87 | ProNGF: a neurotrophic or an apoptotic molecule?. Progress in Brain Research, 2004, 146, 101-110.  | 1.4 | 105       |
| 88 | Kindling and status epilepticus models of epilepsy: rewiring the brain. Progress in Neurobiology, 2004, 73, 1-60.  | 5.7 | 727       |
| 89 | The effects of brain-derived neurotrophic factor (BDNF) administration on kindling induction, Trk expression and seizure-related morphological changes. Neuroscience, 2004, 126, 521-531.  | 2.3 | 85        |
| 90 | NGF, BDNF, NT-3, and GDNF mRNA Expression in Rat Skeletal Muscle following Denervation and Sensory Protection. Journal of Neurotrauma, 2004, 21, 1468-1478.  | 3.4 | 67        |

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|-----|---|-----|-----------|
| 91  | Increased proNGF Levels in Subjects with Mild Cognitive Impairment and Mild Alzheimer Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004, 63, 641-649.   | 1.7 | 212       |
| 92  | EphA/ephrin-A interactions regulate epileptogenesis and activity-dependent axonal sprouting in adult rats. <i>Molecular and Cellular Neurosciences</i> , 2003, 24, 984-999.   | 2.2 | 35        |
| 93  | Pro-brain-derived neurotrophic factor is decreased in parietal cortex in Alzheimer's disease. <i>Molecular Brain Research</i> , 2003, 111, 148-154.   | 2.3 | 230       |
| 94  | A ligand of the p65/p95 receptor suppresses perforant path kindling, kindling-induced mossy fiber sprouting, and hilar area changes in adult rats. <i>Neuroscience</i> , 2003, 119, 1147-1156.                                | 2.3 | 15        |
| 95  | Glial Cell Line-Derived Neurotrophic Factor Modulates Kindling and Activation-Induced Sprouting in Hippocampus of Adult Rats. <i>Experimental Neurology</i> , 2002, 178, 49-58.   | 4.1 | 24        |
| 96  | Differential expression of nerve growth factor transcripts in glia and neurons and their regulation by transforming growth factor- $\beta$ 1. <i>Molecular Brain Research</i> , 2002, 105, 115-125.                           | 2.3 | 16        |
| 97  | Continuous infusion of neurotrophin-3 triggers sprouting, decreases the levels of TrkA and TrkC, and inhibits epileptogenesis and activity-dependent axonal growth in adult rats. <i>Neuroscience</i> , 2002, 115, 1295-1308. | 2.3 | 66        |
| 98  | Activity-dependent changes in synaptophysin immunoreactivity in hippocampus, piriform cortex, and entorhinal cortex of the rat. <i>Neuroscience</i> , 2002, 115, 1221-1229.   | 2.3 | 70        |
| 99  | Deterioration of storage phosphor screens with use. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2002, 45, 339-345.  | 1.0 | 2         |
| 100 | The cholinergic system modulates kindling and kindling-induced mossy fiber sprouting. <i>Synapse</i> , 2002, 44, 132-138.   | 1.2 | 24        |
| 101 | Neural Growth, Neural Damage and Neurotrophins in the Kindling Model of Epilepsy. <i>Advances in Experimental Medicine and Biology</i> , 2002, 497, 149-170.  | 1.6 | 13        |
| 102 | Neurotrophic factors and Alzheimer's disease: are we focusing on the wrong molecule?. <i>Journal of Neural Transmission Supplementum</i> , 2002, , 241-252.   | 0.5 | 108       |
| 103 | The Precursor Pro-Nerve Growth Factor Is the Predominant Form of Nerve Growth Factor in Brain and Is Increased in Alzheimer's Disease. <i>Molecular and Cellular Neurosciences</i> , 2001, 18, 210-220.                       | 2.2 | 467       |
| 104 | Improved functional recovery of denervated skeletal muscle after temporary sensory nerve innervation. <i>Neuroscience</i> , 2001, 103, 503-510.   | 2.3 | 93        |
| 105 | Expression of the kallikrein gene family in normal and Alzheimer's disease brain. <i>NeuroReport</i> , 2001, 12, 2747-2751.   | 1.2 | 56        |
| 106 | Performance of heterozygous brain-derived neurotrophic factor knockout mice on behavioral analogues of anxiety, nociception, and depression.. <i>Behavioral Neuroscience</i> , 2001, 115, 1145-1153.                          | 1.2 | 200       |
| 107 | Performance of heterozygous brain-derived neurotrophic factor knockout mice on behavioral analogues of anxiety, nociception, and depression.. <i>Behavioral Neuroscience</i> , 2001, 115, 1145-1153.                          | 1.2 | 88        |
| 108 | Quantitation of BDNF mRNA in human parietal cortex by competitive reverse transcription-polymerase chain reaction: decreased levels in Alzheimer's disease. <i>Molecular Brain Research</i> , 2000, 76, 347-354.              | 2.3 | 302       |

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|-----|--|-----|-----------|
| 109 | Expression of Human Prohormone Convertase PC2 in a Baculovirus-Insect Cell System. DNA and Cell Biology, 1999, 18, 409-417.  | 1.9 | 8         |
| 110 | Brain-derived neurotrophic factor infusion delays amygdala and perforant path kindling without affecting paired-pulse measures of neuronal inhibition in adult rats. Neuroscience, 1999, 92, 1367-1375.                            | 2.3 | 56        |
| 111 | Time course for kindling-induced changes in the hilar area of the dentate gyrus: reactive gliosis as a potential mechanism. Brain Research, 1998, 804, 331-336.  | 2.2 | 39        |
| 112 | An AP-1 Site in the Nerve Growth Factor Promoter Is Essential for 1,25-Dihydroxyvitamin D3-Mediated Nerve Growth Factor Expression in Osteoblasts. Biochemistry, 1998, 37, 5988-5994.  | 2.5 | 46        |
| 113 | Neuronal Growth and Neuronal Loss in Kindling Epileptogenesis. Advances in Behavioral Biology, 1998, , 193-209.  | 0.2 | 3         |
| 114 | Nerve Growth Factor Accelerates Seizure Development, Enhances Mossy Fiber Sprouting, and Attenuates Seizure-Induced Decreases in Neuronal Density in the Kindling Model of Epilepsy. Journal of Neuroscience, 1997, 17, 5288-5296. | 3.6 | 111       |
| 115 | Long-term potentiation trains induce mossy fiber sprouting. Brain Research, 1997, 775, 193-197.  | 2.2 | 68        |
| 116 | Stimulatory G-protein $\alpha$ -subunit mRNA levels are not increased in autopsied cerebral cortex from patients with bipolar disorder. Molecular Brain Research, 1996, 42, 45-50.   | 2.3 | 25        |
| 117 | Nerve growth factor mRNA and protein levels measured in the same tissue from normal and Alzheimer's disease parietal cortex. Molecular Brain Research, 1996, 42, 175-178.  | 2.3 | 95        |
| 118 | Method for Quantitation of Low-Abundance Nerve Growth Factor mRNA Expression in Human Nervous Tissue Using Competitive Reverse Transcription Polymerase Chain Reaction. DNA and Cell Biology, 1996, 15, 415-422.                   | 1.9 | 12        |
| 119 | A nerve growth factor peptide retards seizure development and inhibits neuronal sprouting in a rat model of epilepsy. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 9495-9499.        | 7.1 | 73        |
| 120 | Intraventricular administration of antibodies to nerve growth factor retards kindling and blocks mossy fiber sprouting in adult rats. Journal of Neuroscience, 1995, 15, 5316-5323.  | 3.6 | 171       |
| 121 | Characterization of Kallikrein cDNAs from the African Rodent Mastomys. DNA and Cell Biology, 1994, 13, 293-300.  | 1.9 | 5         |
| 122 | NGF mRNA is not decreased in frontal cortex from Alzheimer's Disease patients. Molecular Brain Research, 1994, 25, 242-250.  | 2.3 | 66        |
| 123 | Mouse NGF promoter upstream sequences do not affect gene expression in mouse fibroblasts. Molecular Brain Research, 1994, 27, 58-62.   | 2.3 | 17        |
| 124 | Airway inflammation induced by xanthine/xanthine oxidase in guinea pigs. Agents and Actions, 1993, 38, 19-26.  | 0.7 | 25        |
| 125 | Nerve growth factor synthesis by mouse submandibular gland cells in culture. Brain Research, 1993, 621, 339-342.   | 2.2 | 5         |
| 126 | Nerve growth factor synthesis by mouse submandibular gland cells in culture. Brain Research, 1993, 628, 356.   | 2.2 | 0         |



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|-----|--|------|-----------|
| 127 | A Common Nomenclature for Members of the Tissue (Glandular) Kallikrein Gene Families. , 1992, 38 ( Pt) Tj ETQq1 1 0.784314 rgBT / Ov   | 1.0  | 35        |
| 128 | .beta.-NGF-endorpeptidase: structure and activity of a kallikrein encoded by the gene mGK-22. Biochemistry, 1991, 30, 3443-3450.   | 2.5  | 25        |
| 129 | Structure and Biosynthesis of Nerve Growth Factor. Current Topics in Microbiology and Immunology, 1991, 165, 1-26.   | 1.1  | 41        |
| 130 | Detection and assay of nerve growth factor mRNA. Methods in Enzymology, 1991, 198, 48-61.  | 1.0  | 3         |
| 131 | Effects of ultrasound exposure in vitro on neuroblastoma cell membranes. Ultrasound in Medicine and Biology, 1989, 15, 133-144.  | 1.5  | 24        |
| 132 | The high molecular weight nerve growth factor complex from Mastomys natalensis differs from the murine nerve growth factor complex. Biochemistry, 1988, 27, 6686-6692.                           | 2.5  | 8         |
| 133 | The NGF and kallikrein genes of mouse, the African rat Mastomys natalensis and man: their distribution and mode of expression in the salivary gland. Molecular Brain Research, 1988, 3, 165-172. | 2.3  | 11        |
| 134 | Molecular cloning of a cDNA encoding the nerve growth factor precursor from Mastomys natalensis. Gene, 1988, 69, 257-264.  | 2.2  | 15        |
| 135 | Iodination of the progesterone receptor from hen oviduct spares the DNA-binding domain. Molecular and Cellular Biochemistry, 1987, 77, 179-85.   | 3.1  | 0         |
| 136 | The sequence of a cDNA done coding for a novel kallikrein from mouse submaxillary gland. Nucleic Acids Research, 1986, 14, 4823-4835.  | 14.5 | 11        |
| 137 | Purification of chick oviduct progesterone receptor apoprotein. The Journal of Steroid Biochemistry, 1981, 15, 63-68.  | 1.1  | 7         |
| 138 | Preliminary X-ray data for the galactose binding protein from Salmonella typhimurium. Journal of Molecular Biology, 1981, 147, 471-474.  | 4.2  | 6         |
| 139 | Control of the receptor for galactose taxis in Salmonella typhimurium. Journal of Bacteriology, 1979, 137, 758-763.  | 2.2  | 14        |