# Lloyd A Greene

## List of Publications by Citations



| | | | |
|---|---|---|---|
| 154 papers | 18,300 citations | 74 h-index | 134 g-index |
| 157 ext. papers | 19,866 ext. citations | 8.2 avg, IF | 6.28 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 154 | Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. *Cell Death and Differentiation*, **2018**, 25, 486-541 | 12.7 | 2160 |
| 153 | PC12 Pheochromocytoma Cultures in Neurobiological Research. *Advances in Cellular Neurobiology*, **1982**, 3, 373-414 | | 520 |
| 152 | Similarities and differences in the way neurotrophins interact with the Trk receptors in neuronal and nonneuronal cells. *Neuron*, **1993**, 10, 137-49 | 13.9 | 497 |
| 151 | Expression of A53T mutant but not wild-type alpha-synuclein in PC12 cells induces alterations of the ubiquitin-dependent degradation system, loss of dopamine release, and autophagic cell death. *Journal of Neuroscience*, **2001**, 21, 9549-60 | 6.6 | 496 |
| 150 | Trk receptors use redundant signal transduction pathways involving SHC and PLC-gamma 1 to mediate NGF responses. *Neuron*, **1994**, 12, 691-705 | 13.9 | 492 |
| 149 | Endoplasmic reticulum stress and the unfolded protein response in cellular models of Parkinson's disease. *Journal of Neuroscience*, **2002**, 22, 10690-8 | 6.6 | 457 |
| 148 | Release, storage and uptake of catecholamines by a clonal cell line of nerve growth factor (NGF) responsive pheo-chromocytoma cells. *Brain Research*, **1977**, 129, 247-63 | 3.7 | 391 |
| 147 | Nerve growth factor-induced increase in electrical excitability and acetylcholine sensitivity of a rat pheochromocytoma cell line. *Nature*, **1977**, 268, 501-4 | 50.4 | 381 |
| 146 | Rapamycin protects against neuron death in in vitro and in vivo models of Parkinson's disease. *Journal of Neuroscience*, **2010**, 30, 1166-75 | 6.6 | 334 |
| 145 | Neurotrophin signaling via Trks and p75. *Experimental Cell Research*, **1999**, 253, 131-42 | 4.2 | 289 |
| 144 | Early events in neurotrophin signalling via Trk and p75 receptors. *Current Opinion in Neurobiology*, **1995**, 5, 579-87 | 7.6 | 280 |
| 143 | Malignant pheochromocytoma: current status and initiatives for future progress. *Endocrine-Related Cancer*, **2004**, 11, 423-36 | 5.7 | 262 |
| 142 | Cyclin dependent kinase inhibitors and dominant negative cyclin dependent kinase 4 and 6 promote survival of NGF-deprived sympathetic neurons. *Journal of Neuroscience*, **1997**, 17, 8975-83 | 6.6 | 249 |
| 141 | G1/S cell cycle blockers and inhibitors of cyclin-dependent kinases suppress camptothecin-induced neuronal apoptosis. *Journal of Neuroscience*, **1997**, 17, 1256-70 | 6.6 | 242 |
| 140 | The trk proto-oncogene rescues NGF responsiveness in mutant NGF-nonresponsive PC12 cell lines. *Cell*, **1991**, 66, 961-6 | 56.2 | 241 |
| 139 | Synthesis, storage and release of acetylcholine by a noradrenergic pheochromocytoma cell line. *Nature*, **1977**, 268, 349-51 | 50.4 | 241 |
| 138 | CHOP/GADD153 is a mediator of apoptotic death in substantia nigra dopamine neurons in an in vivo neurotoxin model of parkinsonism. *Journal of Neurochemistry*, **2005**, 95, 974-86 | 6 | 237 |

| | | | |
|---|---|---|---|
| 137 | Cyclin-dependent kinases participate in death of neurons evoked by DNA-damaging agents. *Journal of Cell Biology*, **1998**, 143, 457-67 | 7.3 | 235 |
| 136 | The MLK family mediates c-Jun N-terminal kinase activation in neuronal apoptosis. *Molecular and Cellular Biology*, **2001**, 21, 4713-24 | 4.8 | 231 |
| 135 | Role of cell cycle regulatory proteins in cerebellar granule neuron apoptosis. *Journal of Neuroscience*, **1999**, 19, 8747-56 | 6.6 | 221 |
| 134 | beta-Amyloid-induced neuronal apoptosis requires c-Jun N-terminal kinase activation. *Journal of Neurochemistry*, **2001**, 77, 157-64 | 6 | 220 |
| 133 | Multiple pathways of neuronal death induced by DNA-damaging agents, NGF deprivation, and oxidative stress. *Journal of Neuroscience*, **1998**, 18, 830-40 | 6.6 | 219 |
| 132 | Cell death pathways in Parkinson's disease: proximal triggers, distal effectors, and final steps. *Apoptosis: an International Journal on Programmed Cell Death*, **2009**, 14, 478-500 | 5.4 | 216 |
| 131 | Nerve growth factor-induced process formation by cultured rat pheochromocytoma cells. *Nature*, **1975**, 258, 341-2 | 50.4 | 214 |
| 130 | PC12 pheochromocytoma cells: culture, nerve growth factor treatment, and experimental exploitation. *Methods in Enzymology*, **1987**, 147, 207-16 | 1.7 | 210 |
| 129 | Inhibitors of cyclin-dependent kinases promote survival of post-mitotic neuronally differentiated PC12 cells and sympathetic neurons. *Journal of Biological Chemistry*, **1996**, 271, 8161-9 | 5.4 | 201 |
| 128 | Neuronal apoptosis at the G1/S cell cycle checkpoint. *Cell and Tissue Research*, **2001**, 305, 217-28 | 4.2 | 200 |
| 127 | Caspase-dependent and -independent death of camptothecin-treated embryonic cortical neurons. *Journal of Neuroscience*, **1999**, 19, 6235-47 | 6.6 | 190 |
| 126 | A quantitative bioassay for nerve growth factor (NGF) activity employing a clonal pheochromocytoma cell line. *Brain Research*, **1977**, 133, 350-3 | 3.7 | 190 |
| 125 | Highly efficient small interfering RNA delivery to primary mammalian neurons induces MicroRNA-like effects before mRNA degradation. *Journal of Neuroscience*, **2004**, 24, 10040-6 | 6.6 | 189 |
| 124 | Ordering the cell death pathway. Differential effects of BCL2, an interleukin-1-converting enzyme family protease inhibitor, and other survival agents on JNK activation in serum/nerve growth factor-deprived PC12 cells. *Journal of Biological Chemistry*, **1996**, 271, 21898-905 | 5.4 | 186 |
| 123 | NGF stimulates incorporation of fucose or glucosamine into an external glycoprotein in cultured rat PC12 pheochromocytoma cells. *Cell*, **1978**, 15, 357-65 | 56.2 | 172 |
| 122 | RTP801 is induced in Parkinson's disease and mediates neuron death by inhibiting Akt phosphorylation/activation. *Journal of Neuroscience*, **2008**, 28, 14363-71 | 6.6 | 168 |
| 121 | Cep-1347 (KT7515), a semisynthetic inhibitor of the mixed lineage kinase family. *Journal of Biological Chemistry*, **2001**, 276, 25302-8 | 5.4 | 166 |
| 120 | Prevention of apoptotic neuronal death by GM1 ganglioside. Involvement of Trk neurotrophin receptors. *Journal of Biological Chemistry*, **1995**, 270, 3074-80 | 5.4 | 159 |

| | | | |
|---|---|---|---|
| 119 | Prevention of PC12 cell death by N-acetylcysteine requires activation of the Ras pathway. *Journal of Neuroscience*, **1998**, 18, 4042-9 | 6.6 | 153 |
| 118 | POSH acts as a scaffold for a multiprotein complex that mediates JNK activation in apoptosis. *EMBO Journal*, **2003**, 22, 252-61 | 13 | 150 |
| 117 | NADE, a p75NTR-associated cell death executor, is involved in signal transduction mediated by the common neurotrophin receptor p75NTR. *Journal of Biological Chemistry*, **2000**, 275, 17566-70 | 5.4 | 150 |
| 116 | Nedd2 is required for apoptosis after trophic factor withdrawal, but not superoxide dismutase (SOD1) downregulation, in sympathetic neurons and PC12 cells. *Journal of Neuroscience*, **1997**, 17, 1911-8 | 6.6 | 146 |
| 115 | Deletion of a conserved juxtamembrane sequence in Trk abolishes NGF-promoted neuritogenesis. *Neuron*, **1995**, 15, 395-406 | 13.9 | 144 |
| 114 | Nerve growth factor (NGF) down-regulates the Bcl-2 homology 3 (BH3) domain-only protein Bim and suppresses its proapoptotic activity by phosphorylation. *Journal of Biological Chemistry*, **2002**, 277, 49511-6 | 5.4 | 141 |
| 113 | Involvement of retinoblastoma family members and E2F/DP complexes in the death of neurons evoked by DNA damage. *Journal of Neuroscience*, **2000**, 20, 3104-14 | 6.6 | 141 |
| 112 | Release of (3H)norepinephrine from a clonal line of pheochromocytoma cells (PC12) by nicotinic cholinergic stimulation. *Brain Research*, **1977**, 138, 521-8 | 3.7 | 140 |
| 111 | Reciprocal regulation of estrogen and NGF receptors by their ligands in PC12 cells. *Journal of Neurobiology*, **1994**, 25, 974-88 | | 137 |
| 110 | RTP801 is elevated in Parkinson brain substantia nigral neurons and mediates death in cellular models of Parkinson's disease by a mechanism involving mammalian target of rapamycin inactivation. *Journal of Neuroscience*, **2006**, 26, 9996-10005 | 6.6 | 135 |
| 109 | N-acetylcysteine-promoted survival of PC12 cells is glutathione-independent but transcription-dependent. *Journal of Biological Chemistry*, **1995**, 270, 26827-32 | 5.4 | 133 |
| 108 | Regulation of peripherin and neurofilament expression in regenerating rat motor neurons. *Brain Research*, **1990**, 529, 232-8 | 3.7 | 132 |
| 107 | Cell cycle regulators in neuronal death evoked by excitotoxic stress: implications for neurodegeneration and its treatment. *Neurobiology of Aging*, **2000**, 21, 771-81 | 5.6 | 131 |
| 106 | Death in the balance: alternative participation of the caspase-2 and -9 pathways in neuronal death induced by nerve growth factor deprivation. *Journal of Neuroscience*, **2001**, 21, 5007-16 | 6.6 | 126 |
| 105 | The role of transcription-dependent priming in nerve growth factor promoted neurite outgrowth. *Developmental Biology*, **1982**, 91, 305-16 | 3.1 | 121 |
| 104 | Induction of CPP32-like activity in PC12 cells by withdrawal of trophic support. Dissociation from apoptosis. *Journal of Biological Chemistry*, **1996**, 271, 30663-71 | 5.4 | 120 |
| 103 | Apoptosis in neurodegenerative disorders. *Current Opinion in Neurology*, **1997**, 10, 299-305 | 7.1 | 118 |
| 102 | Quantitative in vitro studies on the nerve growth factor (NGF) requirement of neurons. II. Sensory neurons. *Developmental Biology*, **1977**, 58, 106-13 | 3.1 | 116 |

| | | | |
|---|---|---|---|
| 101 | Regulation of neuronal survival and death by E2F-dependent gene repression and derepression. *Neuron*, **2001**, 32, 425-38 | 13.9 | 115 |
| 100 | Quantitative in vitro studies on the nerve growth factor (NGF) requirement of neurons. I. Sympathetic neurons. *Developmental Biology*, **1977**, 58, 96-105 | 3.1 | 114 |
| 99 | The Src homology domain 3 (SH3) of a yeast type I myosin, Myo5p, binds to verprolin and is required for targeting to sites of actin polarization. *Journal of Cell Biology*, **1998**, 141, 1357-70 | 7.3 | 112 |
| 98 | Autophosphorylation of activation loop tyrosines regulates signaling by the TRK nerve growth factor receptor. *Journal of Biological Chemistry*, **1997**, 272, 10957-67 | 5.4 | 108 |
| 97 | Induction of ornithine decarboxylase by nerve growth factor dissociated from effects on survival and neurite outgrowth. *Nature*, **1978**, 276, 191-4 | 50.4 | 108 |
| 96 | Regulated expression of ATF5 is required for the progression of neural progenitor cells to neurons. *Journal of Neuroscience*, **2003**, 23, 4590-600 | 6.6 | 106 |
| 95 | The effects of nerve growth factor on acetylcholinesterase and its multiple forms in cultures of rat PC12 pheochromocytoma cells: increased total specific activity and appearance of the 16 S molecular form. *Developmental Biology*, **1980**, 76, 238-43 | 3.1 | 104 |
| 94 | NGF and other growth factors induce an association between ERK1 and the NGF receptor, gp140prototrk. *Neuron*, **1992**, 9, 1053-65 | 13.9 | 102 |
| 93 | Neuroendocrine neoplasms and their cells of origin. *New England Journal of Medicine*, **1977**, 296, 919-25 | 59.2 | 98 |
| 92 | Caspase-2 (Nedd-2) processing and death of trophic factor-deprived PC12 cells and sympathetic neurons occur independently of caspase-3 (CPP32)-like activity. *Journal of Neuroscience*, **1998**, 18, 9204-15 | 6.6 | 96 |
| 91 | -Bungarotoxin used as a probe for acetylcholine receptors of cultured neurones. *Nature*, **1973**, 243, 163-6 | 50.4 | 94 |
| 90 | ATF4 protects against neuronal death in cellular Parkinson's disease models by maintaining levels of parkin. *Journal of Neuroscience*, **2013**, 33, 2398-407 | 6.6 | 92 |
| 89 | Nerve growth factor has both mitogenic and antimitogenic activity. *Developmental Biology*, **1982**, 94, 477-82 | 3.1 | 91 |
| 88 | Bim is elevated in Alzheimer's disease neurons and is required for beta-amyloid-induced neuronal apoptosis. *Journal of Neuroscience*, **2007**, 27, 893-900 | 6.6 | 89 |
| 87 | Bim is a direct target of a neuronal E2F-dependent apoptotic pathway. *Journal of Neuroscience*, **2005**, 25, 8349-58 | 6.6 | 88 |
| 86 | The importance of both early and delayed responses in the biological actions of nerve growth factor. *Trends in Neurosciences*, **1984**, 7, 91-94 | 13.3 | 87 |
| 85 | Pro-apoptotic Bim induction in response to nerve growth factor deprivation requires simultaneous activation of three different death signaling pathways. *Journal of Biological Chemistry*, **2007**, 282, 29368-74 | 5.4 | 80 |
| 84 | Polymer-encapsulated PC12 cells: long-term survival and associated reduction in lesion-induced rotational behavior. *Cell Transplantation*, **1992**, 1, 255-64 | 4 | 77 |

| | | | |
|---|---|---|---|
| 83 | Short-term regulation of catecholamine biosynthesis in a nerve growth factor responsive clonal line of rat pheochromocytoma cells. *Journal of Neurochemistry*, **1978**, 30, 549-55 | 6 | 76 |
| 82 | Analysis of gene expression changes in a cellular model of Parkinson disease. *Neurobiology of Disease*, **2005**, 18, 54-74 | 7.5 | 74 |
| 81 | Mapping of unconventional myosins in mouse and human. *Genomics*, **1996**, 36, 431-9 | 4.3 | 74 |
| 80 | Downregulation of activating transcription factor 5 is required for differentiation of neural progenitor cells into astrocytes. *Journal of Neuroscience*, **2005**, 25, 3889-99 | 6.6 | 69 |
| 79 | The transcription factor ATF5 is widely expressed in carcinomas, and interference with its function selectively kills neoplastic, but not nontransformed, breast cell lines. *International Journal of Cancer* , **2007**, 120, 1883-90 | 7.5 | 67 |
| 78 | Regulation of neuron survival and death by p130 and associated chromatin modifiers. *Genes and Development*, **2005**, 19, 719-32 | 12.6 | 67 |
| 77 | Synuclein-1 is selectively up-regulated in response to nerve growth factor treatment in PC12 cells. *Journal of Neurochemistry*, **2001**, 76, 1165-76 | 6 | 67 |
| 76 | Puma and p53 play required roles in death evoked in a cellular model of Parkinson disease. *Neurochemical Research*, **2005**, 30, 839-45 | 4.6 | 64 |
| 75 | Binding of alpha-bungarotoxin to chick sympathetic ganglia: properties of the receptor and its rate of appearance during developement. *Brain Research*, **1976**, 111, 135-45 | 3.7 | 63 |
| 74 | Specific downregulation of hippocampal ATF4 reveals a necessary role in synaptic plasticity and memory. *Cell Reports*, **2015**, 11, 183-91 | 10.6 | 62 |
| 73 | The transcription factor ATF5: role in neurodevelopment and neural tumors. *Journal of Neurochemistry*, **2009**, 108, 11-22 | 6 | 60 |
| 72 | Chick sympathetic neurons develop receptors for alpha-bungarotoxin in vitro, but the toxin does not block nicotinic receptors. *Brain Research*, **1978**, 154, 83-93 | 3.7 | 60 |
| 71 | Inhibitors of trypsin-like serine proteases inhibit processing of the caspase Nedd-2 and protect PC12 cells and sympathetic neurons from death evoked by withdrawal of trophic support. *Journal of Neurochemistry*, **1997**, 69, 1425-37 | 6 | 56 |
| 70 | Direct interaction of the molecular scaffolds POSH and JIP is required for apoptotic activation of JNKs. *Journal of Biological Chemistry*, **2006**, 281, 15517-24 | 5.4 | 56 |
| 69 | Neuroprotective actions of dipyridamole on cultured CNS neurons. *Journal of Neuroscience*, **1998**, 18, 5112-23 | 6.6 | 56 |
| 68 | Nerve growth factor-induced neuronal differentiation of PC12 pheochromocytoma cells: lack of inhibition by a tumor promoter. *Brain Research*, **1982**, 247, 115-9 | 3.7 | 56 |
| 67 | Akt as a victim, villain and potential hero in Parkinson's disease pathophysiology and treatment. *Cellular and Molecular Neurobiology*, **2011**, 31, 969-78 | 4.6 | 54 |
| 66 | B-myb and C-myb play required roles in neuronal apoptosis evoked by nerve growth factor deprivation and DNA damage. *Journal of Neuroscience*, **2004**, 24, 8720-5 | 6.6 | 54 |

| | | | |
|---|---|---|---|
| 65 | Regulation of apoptotic c-Jun N-terminal kinase signaling by a stabilization-based feed-forward loop. *Molecular and Cellular Biology*, **2005**, 25, 9949-59 | 4.8 | 54 |
| 64 | Promotion of neuronal survival by GM1 ganglioside. Phenomenology and mechanism of action. *Annals of the New York Academy of Sciences*, **1998**, 845, 263-73 | 6.5 | 53 |
| 63 | Siah1 interacts with the scaffold protein POSH to promote JNK activation and apoptosis. *Journal of Biological Chemistry*, **2006**, 281, 303-12 | 5.4 | 53 |
| 62 | ATF5 regulates the proliferation and differentiation of oligodendrocytes. *Molecular and Cellular Neurosciences*, **2005**, 29, 372-80 | 4.8 | 53 |
| 61 | Enhancement in excitability properties of mouse neuroblastoma cells cultured in the presence of dibutyryl cyclic AMP. *Brain Research*, **1974**, 72, 340-5 | 3.7 | 52 |
| 60 | A Synthetic Cell-Penetrating Dominant-Negative ATF5 Peptide Exerts Anticancer Activity against a Broad Spectrum of Treatment-Resistant Cancers. *Clinical Cancer Research*, **2016**, 22, 4698-711 | 12.9 | 52 |
| 59 | Relationship between the nerve growth factor-regulated clone 73 gene product and the 58-kilodalton neuronal intermediate filament protein (peripherin). *Journal of Neurochemistry*, **1988**, 51, 1317-20 | 6 | 51 |
| 58 | RTP801/REDD1 regulates the timing of cortical neurogenesis and neuron migration. *Journal of Neuroscience*, **2011**, 31, 3186-96 | 6.6 | 47 |
| 57 | Glucagon-like peptide-1 (GLP-1) diminishes neuronal degeneration and death caused by NGF deprivation by suppressing Bim induction. *Neurochemical Research*, **2008**, 33, 1845-51 | 4.6 | 47 |
| 56 | Rapid activation of tyrosine hydroxylase in response to nerve growth factor. *Journal of Neurochemistry*, **1984**, 42, 1728-34 | 6 | 47 |
| 55 | The binding properties and regional ontogeny of receptors for alpha-bungarotoxin in chick brain. *Brain Research*, **1976**, 113, 111-26 | 3.7 | 45 |
| 54 | Use of PC12 cells and rat superior cervical ganglion sympathetic neurons as models for neuroprotective assays relevant to Parkinson's disease. *Methods in Molecular Biology*, **2012**, 846, 201-11 | 1.4 | 43 |
| 53 | The quantitative bioassay of nerve growth factor: use of frozen 'primed' PC12 pheochromocytoma cells. *Brain Research*, **1983**, 263, 177-80 | 3.7 | 41 |
| 52 | Histofluorescence study of chromaffin cells in dissociated cell cultures of chick embryo sympathetic ganglia. *Journal of Neurobiology*, **1974**, 5, 65-83 | | 41 |
| 51 | A new neuronal intermediate filament protein. *Trends in Neurosciences*, **1989**, 12, 228-30 | 13.3 | 40 |
| 50 | The basic region and leucine zipper transcription factor MafK is a new nerve growth factor-responsive immediate early gene that regulates neurite outgrowth. *Journal of Neuroscience*, **2002**, 22, 8971-80 | 6.6 | 39 |
| 49 | Trib3 Is Elevated in Parkinson's Disease and Mediates Death in Parkinson's Disease Models. *Journal of Neuroscience*, **2015**, 35, 10731-49 | 6.6 | 38 |
| 48 | Nerve growth factor in the goldfish brain: biological assay studies using pheochromocytoma cells. *Brain Research*, **1979**, 162, 164-8 | 3.7 | 36 |

| | | | |
|---|---|---|---|
| 47 | Proapoptotic Nix activates the JNK pathway by interacting with POSH and mediates death in a Parkinson disease model. *Journal of Biological Chemistry*, **2007**, 282, 1288-95 | 5.4 | 34 |
| 46 | Characterization of a novel isoform of caspase-9 that inhibits apoptosis. *Journal of Biological Chemistry*, **2001**, 276, 12190-200 | 5.4 | 34 |
| 45 | Identification of a novel DNA binding site and a transcriptional target for activating transcription factor 5 in c6 glioma and mcf-7 breast cancer cells. *Molecular Cancer Research*, **2009**, 7, 933-43 | 6.6 | 32 |
| 44 | Release of norepinephrine from neurons in dissociated cell cultures of chick sympathetic ganglia via stimulation of nicotinic and muscarinic acetylcholine receptors. *Journal of Neurochemistry*, **1978**, 30, 579-86 | 6 | 31 |
| 43 | Ascorbic acid transport by a clonal line of pheochromocytoma cells. *Brain Research*, **1977**, 136, 131-40 | 3.7 | 29 |
| 42 | Activating transcription factor 4 (ATF4) modulates post-synaptic development and dendritic spine morphology. *Frontiers in Cellular Neuroscience*, **2014**, 8, 177 | 6.1 | 28 |
| 41 | Multiple pathways of N-kinase activation in PC12 cells. *Journal of Neurochemistry*, **1990**, 54, 423-33 | 6 | 28 |
| 40 | 6-Methylmercaptopurine riboside is a potent and selective inhibitor of nerve growth factor-activated protein kinase N. *Journal of Neurochemistry*, **1992**, 58, 700-8 | 6 | 27 |
| 39 | Release of the NILE and other glycoproteins from cultured PC12 rat pheochromocytoma cells and sympathetic neurons. *Journal of Neurochemistry*, **1984**, 43, 841-8 | 6 | 27 |
| 38 | Electrophysiological chracteristics of chick embryo sympathetic neurons in dissociated cell culture. *Brain Research*, **1974**, 68, 235-52 | 3.7 | 26 |
| 37 | Gata2 is required for migration and differentiation of retinorecipient neurons in the superior colliculus. *Journal of Neuroscience*, **2011**, 31, 4444-55 | 6.6 | 24 |
| 36 | Rapid regulation of neuronal growth cone shape and surface morphology by nerve growth factor. *Neurochemical Research*, **1987**, 12, 861-8 | 4.6 | 22 |
| 35 | Dopaminergic properties of a somatic cell hybrid line of mouse neuroblastoma X sympathetic ganglion cells. *Journal of Neurochemistry*, **1977**, 29, 141-50 | 6 | 22 |
| 34 | Sertad1 plays an essential role in developmental and pathological neuron death. *Journal of Neuroscience*, **2010**, 30, 3973-82 | 6.6 | 21 |
| 33 | Model cell lines for the study of apoptosis in vitro. *Methods in Cell Biology*, **2001**, 66, 417-36 | 1.8 | 21 |
| 32 | Cell death and the developing enteric nervous system. *Neurochemistry International*, **2012**, 61, 839-47 | 4.4 | 20 |
| 31 | Sh3rf2/POSHER protein promotes cell survival by ring-mediated proteasomal degradation of the c-Jun N-terminal kinase scaffold POSH (Plenty of SH3s) protein. *Journal of Biological Chemistry*, **2012**, 287, 2247-56 | 5.4 | 20 |
| 30 | The drug adaptaquin blocks ATF4/CHOP-dependent pro-death Trib3 induction and protects in cellular and mouse models of Parkinson's disease. *Neurobiology of Disease*, **2020**, 136, 104725 | 7.5 | 20 |

| | | | |
|---|---|---|---|
| 29 | Guanabenz promotes neuronal survival via enhancement of ATF4 and parkin expression in models of Parkinson disease. *Experimental Neurology*, **2018**, 303, 95-107 | 5.7 | 19 |
| 28 | Peripherin is tyrosine-phosphorylated at its carboxyl-terminal tyrosine. *Journal of Neurochemistry*, **1998**, 70, 540-9 | 6 | 19 |
| 27 | Nerve growth factor potentiates bradykinin-induced calcium influx and release in PC12 cells. *Journal of Neurochemistry*, **1991**, 57, 562-74 | 6 | 19 |
| 26 | Tyrosine phosphorylation of extracellular signal-regulated protein kinase 4 in response to growth factors. *Journal of Neurochemistry*, **1996**, 66, 1191-7 | 6 | 18 |
| 25 | You can't go home again: transcriptionally driven alteration of cell signaling by NGF. *Neurochemical Research*, **2005**, 30, 1347-52 | 4.6 | 18 |
| 24 | Development of the multiple molecular forms of acetylcholinesterase in chick paravertebral sympathetic ganglia: an in vivo and in vitro study. *Brain Research*, **1980**, 182, 383-96 | 3.7 | 18 |
| 23 | Regression/eradication of gliomas in mice by a systemically-deliverable ATF5 dominant-negative peptide. *Oncotarget*, **2016**, 7, 12718-30 | 3.3 | 18 |
| 22 | A modified bromosulfalein assay for the quantitative estimation of protein. *Analytical Biochemistry*, **1977**, 83, 75-81 | 3.1 | 17 |
| 21 | Functional receptors for nerve growth factor on Ewing's sarcoma and Wilm's tumor cells. *Journal of Cellular Physiology*, **1989**, 141, 60-4 | 7 | 16 |
| 20 | Ordering the multiple pathways of apoptosis. *Trends in Cardiovascular Medicine*, **1997**, 7, 294-301 | 6.9 | 14 |
| 19 | Activation of the apoptotic JNK pathway through the Rac1-binding scaffold protein POSH. *Methods in Enzymology*, **2006**, 406, 479-89 | 1.7 | 13 |
| 18 | Dominant-Negative ATF5 Compromises Cancer Cell Survival by Targeting CEBPB and CEBPD. *Molecular Cancer Research*, **2020**, 18, 216-228 | 6.6 | 13 |
| 17 | Activating Transcription Factor 4 (ATF4) Regulates Neuronal Activity by Controlling GABAR Trafficking. *Journal of Neuroscience*, **2018**, 38, 6102-6113 | 6.6 | 12 |
| 16 | Role and regulation of Cdc25A phosphatase in neuron death induced by NGF deprivation or -amyloid. *Cell Death Discovery*, **2016**, 2, 16083 | 6.9 | 11 |
| 15 | Does phospholipid methylation play a role in the primary mechanism of action of nerve growth factor?. *Journal of Neurochemistry*, **1985**, 45, 853-9 | 6 | 10 |
| 14 | Reciprocal actions of ATF5 and Shh in proliferation of cerebellar granule neuron progenitor cells. *Developmental Neurobiology*, **2012**, 72, 789-804 | 3.2 | 8 |
| 13 | Cbl negatively regulates JNK activation and cell death. *Cell Research*, **2009**, 19, 950-61 | 24.7 | 8 |
| 12 | A purine analog-sensitive protein kinase activity associates with Trk nerve growth factor receptors. *Journal of Neurochemistry*, **1993**, 61, 664-72 | 6 | 8 |

| | | | |
|---|---|---|---|
| 11 | The peripherin gene maps to mouse chromosome 15. *Genomics*, **1991**, 9, 369-72 | 4.3 | 7 |
| 10 | Dominant-negative ATF5 rapidly depletes survivin in tumor cells. *Cell Death and Disease*, **2019**, 10, 709 | 9.8 | 6 |
| 9 | Stress-induced phospho-ubiquitin formation causes parkin degradation. *Scientific Reports*, **2019**, 9, 11682 | 4.9 | 6 |
| 8 | Identification of POSH2, a novel homologue of the c-Jun N-terminal kinase scaffold protein POSH. *Developmental Neuroscience*, **2007**, 29, 355-62 | 2.2 | 6 |
| 7 | Activating Transcription Factor 4 (ATF4) modulates Rho GTPase levels and function via regulation of RhoGDI *Scientific Reports*, **2016**, 6, 36952 | 4.9 | 5 |
| 6 | Brain-Derived Neurotrophic Factor Elevates Activating Transcription Factor 4 (ATF4) in Neurons and Promotes ATF4-Dependent Induction of. *Frontiers in Molecular Neuroscience*, **2018**, 11, 62 | 6.1 | 5 |
| 5 | Genomic and non-genomic actions of nerve growth factor in development. *Progress in Brain Research*, **1983**, 58, 347-57 | 2.9 | 4 |
| 4 | Development of muscarinic cholinergic receptors in chick embryo sympathetic ganglia. *Developmental Neuroscience*, **1982**, 5, 375-8 | 2.2 | 4 |
| 3 | Cell-Penetrating CEBPB and CEBPD Leucine Zipper Decoys as Broadly Acting Anti-Cancer Agents. *Cancers*, **2021**, 13, | 6.6 | 3 |
| 2 | Context-dependent expression of a conditionally-inducible form of active Akt. *PLoS ONE*, **2018**, 13, e0197899 | 3.7 | 2 |
| 1 | Nerve Growth Factor (NGF) Responses by Non-Neuronal Cells: Detection by Assay of a Novel NGF-Activated Protein Kinase. *Growth Factors*, **1990**, 2, 321-331 | 1.6 | |