

# Ralph A Nixon

## List of Publications by Year in descending order

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164  
papers

36,119  
citations

5248

83  
h-index

5806

161  
g-index

179  
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179  
docs citations

179  
times ranked

37981  
citing authors

#	ARTICLE	IF	CITATIONS
1	Axonal transport of late endosomes and amphisomes is selectively modulated by local Ca <sup>2+</sup> efflux and disrupted by PSEN1 loss of function. <i>Science Advances</i> , 2022, 8, eabj5716.	4.7	28
2	Faulty autolysosome acidification in Alzheimer's disease mouse models induces autophagic build-up of A $\beta$ in neurons, yielding senile plaques. <i>Nature Neuroscience</i> , 2022, 25, 688-701.	7.1	254
3	Assessing Rab5 Activation in Health and Disease. <i>Methods in Molecular Biology</i> , 2021, 2293, 273-294.	0.4	2
4	Post-Golgi carriers, not lysosomes, confer lysosomal properties to pre-degradative organelles in normal and dystrophic axons. <i>Cell Reports</i> , 2021, 35, 109034.	2.9	46
5	Alzheimer disease. <i>Nature Reviews Disease Primers</i> , 2021, 7, 33.	18.1	784
6	Neurofilament Proteins as Biomarkers to Monitor Neurological Diseases and the Efficacy of Therapies. <i>Frontiers in Neuroscience</i> , 2021, 15, 689938.	1.4	104
7	Endosomal Dysfunction Induced by Directly Overactivating Rab5 Recapitulates Prodromal and Neurodegenerative Features of Alzheimer's Disease. <i>Cell Reports</i> , 2020, 33, 108420.	2.9	58
8	The aging lysosome: An essential catalyst for late-onset neurodegenerative diseases. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140443.	1.1	75
9	Neurofilaments: neurobiological foundations for biomarker applications. <i>Brain</i> , 2020, 143, 1975-1998.	3.7	167
10	$\beta$ 2-adrenergic Agonists Rescue Lysosome Acidification and Function in PSEN1 Deficiency by Reversing Defective ER-to-lysosome Delivery of CLC-7. <i>Journal of Molecular Biology</i> , 2020, 432, 2633-2650.	2.0	23
11	Lysosome trafficking and signaling in health and neurodegenerative diseases. <i>Neurobiology of Disease</i> , 2019, 122, 94-105.	2.1	208
12	mTOR hyperactivation in Down Syndrome underlies deficits in autophagy induction, autophagosome formation, and mitophagy. <i>Cell Death and Disease</i> , 2019, 10, 563.	2.7	72
13	Lysosomal Dysfunction in Down Syndrome Is APP-Dependent and Mediated by APP- $\beta$ CTF (C99). <i>Journal of Neuroscience</i> , 2019, 39, 5255-5268.	1.7	109
14	Transgenic expression of a ratiometric autophagy probe specifically in neurons enables the interrogation of brain autophagy <i>in vivo</i> . <i>Autophagy</i> , 2019, 15, 543-557.	4.3	49
15	Dysfunction of autophagy and endosomal-lysosomal pathways: Roles in pathogenesis of Down syndrome and Alzheimer's Disease. <i>Free Radical Biology and Medicine</i> , 2018, 114, 40-51.	1.3	128
16	Neurofilament light interaction with GluN1 modulates neurotransmission and schizophrenia-associated behaviors. <i>Translational Psychiatry</i> , 2018, 8, 167.	2.4	37
17	Promoting the clearance of neurotoxic proteins in neurodegenerative disorders of ageing. <i>Nature Reviews Drug Discovery</i> , 2018, 17, 660-688.	21.5	370
18	Cyclodextrin has conflicting actions on autophagy flux <i>in vivo</i> in brains of normal and Alzheimer model mice. <i>Human Molecular Genetics</i> , 2017, 26, ddx001.	1.4	25

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19	Neurofilaments and Neurofilament Proteins in Health and Disease. Cold Spring Harbor Perspectives in Biology, 2017, 9, a018309.	2.3	451
20	Amyloid precursor protein and endosomal-lysosomal dysfunction in Alzheimer's disease: inseparable partners in a multifactorial disease. FASEB Journal, 2017, 31, 2729-2743.	0.2	249
21	Calpastatin inhibits motor neuron death and increases survival of hSOD1 <sup>G93A</sup> mice. Journal of Neurochemistry, 2016, 137, 253-265.	2.1	37
22	New perspectives on lysosomes in ageing and neurodegenerative disease. Ageing Research Reviews, 2016, 32, 1.	5.0	3
23	Disorders of lysosomal acidification—The emerging role of v-ATPase in aging and neurodegenerative disease. Ageing Research Reviews, 2016, 32, 75-88.	5.0	355
24	Specialized roles of neurofilament proteins in synapses: Relevance to neuropsychiatric disorders. Brain Research Bulletin, 2016, 126, 334-346.	1.4	63
25	Autophagy flux in CA1 neurons of Alzheimer hippocampus: Increased induction overburdens failing lysosomes to propel neuritic dystrophy. Autophagy, 2016, 12, 2467-2483.	4.3	252
26	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
27	Partial BACE1 reduction in a Down syndrome mouse model blocks Alzheimer-related endosomal anomalies and cholinergic neurodegeneration: role of APP-CTF. Neurobiology of Aging, 2016, 39, 90-98.	1.5	73
28	Cognitive Impairment, Neuroimaging, and Alzheimer Neuropathology in Mouse Models of Down Syndrome. Current Alzheimer Research, 2015, 13, 35-52.	0.7	41
29	Down syndrome and Alzheimer's disease: Common pathways, common goals. Alzheimer's and Dementia, 2015, 11, 700-709.	0.4	218
30	Presenilin 1 Maintains Lysosomal Ca <sup>2+</sup> Homeostasis via TRPML1 by Regulating vATPase-Mediated Lysosome Acidification. Cell Reports, 2015, 12, 1430-1444.	2.9	272
31	Early hyperactivity in lateral entorhinal cortex is associated with elevated levels of A $\beta$ PP metabolites in the Tg2576 mouse model of Alzheimer's disease. Experimental Neurology, 2015, 264, 82-91.	2.0	60
32	Dissociation of Axonal Neurofilament Content from Its Transport Rate. PLoS ONE, 2015, 10, e0133848.	1.1	9
33	Spared Piriform Cortical Single-Unit Odor Processing and Odor Discrimination in the Tg2576 Mouse Model of Alzheimer's Disease. PLoS ONE, 2014, 9, e106431.	1.1	16
34	Specific Calpain Inhibition by Calpastatin Prevents Tauopathy and Neurodegeneration and Restores Normal Lifespan in Tau P301L Mice. Journal of Neuroscience, 2014, 34, 9222-9234.	1.7	87
35	2014 Report on the Milestones for the US National Plan to Address Alzheimer's Disease. , 2014, 10, S430-S452.		64
36	Alzheimer neurodegeneration, autophagy, and Abeta secretion: The ins and outs (comment on DOI) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.2	14

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37	Single-Walled Carbon Nanotubes Alleviate Autophagic/Lysosomal Defects in Primary Glia from a Mouse Model of Alzheimer's Disease. <i>Nano Letters</i> , 2014, 14, 5110-5117.	4.5	109
38	Defective macroautophagic turnover of brain lipids in the TgCRND8 Alzheimer mouse model: prevention by correcting lysosomal proteolytic deficits. <i>Brain</i> , 2014, 137, 3300-3318.	3.7	92
39	The role of autophagy in neurodegenerative disease. <i>Nature Medicine</i> , 2013, 19, 983-997.	15.2	1,642
40	Immunization targeting a minor plaque constituent clears $\beta$ -amyloid and rescues behavioral deficits in an Alzheimer's disease mouse model. <i>Neurobiology of Aging</i> , 2013, 34, 137-145.	1.5	33
41	Autophagy failure in Alzheimer's disease and the role of defective lysosomal acidification. <i>European Journal of Neuroscience</i> , 2013, 37, 1949-1961.	1.2	306
42	Lysosome and calcium dysregulation in Alzheimer's disease: partners in crime. <i>Biochemical Society Transactions</i> , 2013, 41, 1495-1502.	1.6	88
43	Lysosomal NEU1 deficiency affects amyloid precursor protein levels and amyloid- $\beta$ secretion via deregulated lysosomal exocytosis. <i>Nature Communications</i> , 2013, 4, 2734.	5.8	109
44	AUTOPHAGY FAILURE IN ALZHEIMER'S DISEASE AND LYSOSOMAL STORAGE DISORDERS: A COMMON PATHWAY TO NEURODEGENERATION?. , 2012, , 237-257.		3
45	Peripherin Is a Subunit of Peripheral Nerve Neurofilaments: Implications for Differential Vulnerability of CNS and Peripheral Nervous System Axons. <i>Journal of Neuroscience</i> , 2012, 32, 8501-8508.	1.7	95
46	The Ubiquitin-Proteasome System and the Autophagic-Lysosomal System in Alzheimer Disease. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2012, 2, a006361-a006361.	2.9	139
47	Neurofilaments at a glance. <i>Journal of Cell Science</i> , 2012, 125, 3257-3263.	1.2	304
48	Calpastatin modulates APP processing in the brains of $\beta$ -amyloid depositing but not wild-type mice. <i>Neurobiology of Aging</i> , 2012, 33, 1125.e9-1125.e18.	1.5	13
49	Autophagy and Neuronal Cell Death in Neurological Disorders. <i>Cold Spring Harbor Perspectives in Biology</i> , 2012, 4, a008839-a008839.	2.3	145
50	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
51	The C-Terminal Domains of NF-H and NF-M Subunits Maintain Axonal Neurofilament Content by Blocking Turnover of the Stationary Neurofilament Network. <i>PLoS ONE</i> , 2012, 7, e44320.	1.1	31
52	Upregulation of select rab GTPases in cholinergic basal forebrain neurons in mild cognitive impairment and Alzheimer's disease. <i>Journal of Chemical Neuroanatomy</i> , 2011, 42, 102-110.	1.0	107
53	Declining phosphatases underlie aging-related hyperphosphorylation of neurofilaments. <i>Neurobiology of Aging</i> , 2011, 32, 2016-2029.	1.5	42
54	Mechanisms of Neural and Behavioral Dysfunction in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2011, 43, 163-179.	1.9	15

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55	Autophagy failure in Alzheimer's disease—locating the primary defect. <i>Neurobiology of Disease</i> , 2011, 43, 38-45.	2.1	560
56	Primary lysosomal dysfunction causes cargo-specific deficits of axonal transport leading to Alzheimer-like neuritic dystrophy. <i>Autophagy</i> , 2011, 7, 1562-1563.	4.3	75
57	Therapeutic effects of remediating autophagy failure in a mouse model of Alzheimer disease by enhancing lysosomal proteolysis. <i>Autophagy</i> , 2011, 7, 788-789.	4.3	89
58	Lysosomal Proteolysis Inhibition Selectively Disrupts Axonal Transport of Degradative Organelles and Causes an Alzheimer's-Like Axonal Dystrophy. <i>Journal of Neuroscience</i> , 2011, 31, 7817-7830.	1.7	381
59	Reversal of autophagy dysfunction in the TgCRND8 mouse model of Alzheimer's disease ameliorates amyloid pathologies and memory deficits. <i>Brain</i> , 2011, 134, 258-277.	3.7	394
60	The Myosin Va Head Domain Binds to the Neurofilament-L Rod and Modulates Endoplasmic Reticulum (ER) Content and Distribution within Axons. <i>PLoS ONE</i> , 2011, 6, e17087.	1.1	43
61	Regional Selectivity of rab5 and rab7 Protein Upregulation in Mild Cognitive Impairment and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2010, 22, 631-639.	1.2	110
62	Alzheimer's-related endosome dysfunction in Down syndrome is A $\beta$ -independent but requires APP and is reversed by BACE-1 inhibition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1630-1635.	3.3	256
63	Rapamycin induces autophagic flux in neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, E181; author reply E182.	3.3	32
64	Ubiquilin functions in autophagy and is degraded by chaperone-mediated autophagy. <i>Human Molecular Genetics</i> , 2010, 19, 3219-3232.	1.4	203
65	Microarray Analysis of Hippocampal CA1 Neurons Implicates Early Endosomal Dysfunction During Alzheimer's Disease Progression. <i>Biological Psychiatry</i> , 2010, 68, 885-893.	0.7	229
66	The contributions of myelin and axonal caliber to transverse relaxation time in shiverer and neurofilament-deficient mouse models. <i>NeuroImage</i> , 2010, 51, 1098-1105.	2.1	21
67	Lysosomal Proteolysis and Autophagy Require Presenilin 1 and Are Disrupted by Alzheimer-Related PS1 Mutations. <i>Cell</i> , 2010, 141, 1146-1158.	13.5	1,002
68	Cystatin C Rescues Degenerating Neurons in a Cystatin B-Knockout Mouse Model of Progressive Myoclonus Epilepsy. <i>American Journal of Pathology</i> , 2010, 177, 2256-2267.	1.9	51
69	Amyloid-Independent Mechanisms in Alzheimer's Disease Pathogenesis. <i>Journal of Neuroscience</i> , 2010, 30, 14946-14954.	1.7	244
70	Induction of Autophagy by Cystatin C: A Mechanism That Protects Murine Primary Cortical Neurons and Neuronal Cell Lines. <i>PLoS ONE</i> , 2010, 5, e9819.	1.1	104
71	Chapter 6 Monitoring Autophagy in Alzheimer's Disease and Related Neurodegenerative Diseases. <i>Methods in Enzymology</i> , 2009, 453, 111-144.	0.4	26
72	Neurofilaments Form a Highly Stable Stationary Cytoskeleton after Reaching a Critical Level in Axons. <i>Journal of Neuroscience</i> , 2009, 29, 11316-11329.	1.7	94

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73	Age-dependent dysregulation of brain amyloid precursor protein in the Ts65Dn Down syndrome mouse model. <i>Journal of Neurochemistry</i> , 2009, 110, 1818-1827.	2.1	76
74	In vivo MRI identifies cholinergic circuitry deficits in a Down syndrome model. <i>Neurobiology of Aging</i> , 2009, 30, 1453-1465.	1.5	48
75	Autophagy Induction and Autophagosome Clearance in Neurons: Relationship to Autophagic Pathology in Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2008, 28, 6926-6937.	1.7	979
76	Down Syndrome Fibroblast Model of Alzheimer-Related Endosome Pathology. <i>American Journal of Pathology</i> , 2008, 173, 370-384.	1.9	161
77	Neuronal Apoptosis and Autophagy Cross Talk in Aging PS/APP Mice, a Model of Alzheimer's Disease. <i>American Journal of Pathology</i> , 2008, 173, 665-681.	1.9	153
78	Marked Calpastatin (CAST) Depletion in Alzheimer's Disease Accelerates Cytoskeleton Disruption and Neurodegeneration: Neuroprotection by CAST Overexpression. <i>Journal of Neuroscience</i> , 2008, 28, 12241-12254.	1.7	96
79	Axonal Transport Rates <i>In Vivo</i> Are Unaffected by Tau Deletion or Overexpression in Mice. <i>Journal of Neuroscience</i> , 2008, 28, 1682-1687.	1.7	165
80	Neurodegenerative lysosomal disorders: A continuum from development to late age. <i>Autophagy</i> , 2008, 4, 590-599.	4.3	322
81	Inhibition of calpains improves memory and synaptic transmission in a mouse model of Alzheimer disease. <i>Journal of Clinical Investigation</i> , 2008, 118, 2796-2807.	3.9	192
82	Autophagy, amyloidogenesis and Alzheimer disease. <i>Journal of Cell Science</i> , 2007, 120, 4081-4091.	1.2	631
83	Neuronal Protein Trafficking in Alzheimer's Disease and Niemann-Pick Type C Disease. , 2007, , 391-411.		2
84	Neuronal macroautophagy: From development to degeneration. <i>Molecular Aspects of Medicine</i> , 2006, 27, 503-519.	2.7	151
85	Deleting the phosphorylated tail domain of the neurofilament heavy subunit does not alter neurofilament transport rate in vivo. <i>Neuroscience Letters</i> , 2006, 393, 264-268.	1.0	43
86	Increased App Expression in a Mouse Model of Down's Syndrome Disrupts NGF Transport and Causes Cholinergic Neuron Degeneration. <i>Neuron</i> , 2006, 51, 29-42.	3.8	488
87	Autophagy in neurodegenerative disease: friend, foe or turncoat?. <i>Trends in Neurosciences</i> , 2006, 29, 528-535.	4.2	303
88	Lysosomal system pathways: Genes to neurodegeneration in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2006, 9, 277-289.	1.2	211
89	Â-Internexin Is Structurally and Functionally Associated with the Neurofilament Triplet Proteins in the Mature CNS. <i>Journal of Neuroscience</i> , 2006, 26, 10006-10019.	1.7	194
90	Tissue Processing Prior to Protein Analysis and Amyloid-Î² Quantitation. , 2005, 299, 267-278.		40

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91	ELISA Method for Measurement of Amyloid- $\beta$ Levels. , 2005, 299, 279-298.		63
92	Autophagy and Its Possible Roles in Nervous System Diseases, Damage and Repair. <i>Autophagy</i> , 2005, 1, 11-22.	4.3	422
93	Extensive Involvement of Autophagy in Alzheimer Disease: An Immuno-Electron Microscopy Study. <i>Journal of Neuropathology and Experimental Neurology</i> , 2005, 64, 113-122.	0.9	1,270
94	Endosome function and dysfunction in Alzheimer's disease and other neurodegenerative diseases. <i>Neurobiology of Aging</i> , 2005, 26, 373-382.	1.5	355
95	Medical bioremediation: Prospects for the application of microbial catabolic diversity to aging and several major age-related diseases. <i>Ageing Research Reviews</i> , 2005, 4, 315-338.	5.0	34
96	Macroautophagy a novel $\beta$ -amyloid peptide-generating pathway activated in Alzheimer's disease. <i>Journal of Cell Biology</i> , 2005, 171, 87-98.	2.3	891
97	Amyloid- $\beta$ Deposition Is Associated with Decreased Hippocampal Glucose Metabolism and Spatial Memory Impairment in APP/PS1 Mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004, 63, 418-428.	0.9	111
98	Autophagic vacuoles are enriched in amyloid precursor protein-secretase activities: implications for $\beta$ -amyloid peptide over-production and localization in Alzheimer's disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 2531-2540.	1.2	279
99	$\beta$ localization in abnormal endosomes: association with earliest $\beta$ elevations in AD and Down syndrome. <i>Neurobiology of Aging</i> , 2004, 25, 1263-1272.	1.5	338
100	Niemann-Pick Type C Disease and Alzheimer's Disease. <i>American Journal of Pathology</i> , 2004, 164, 757-761.	1.9	127
101	Calpain Mediates Calcium-Induced Activation of the Erk1,2 MAPK Pathway and Cytoskeletal Phosphorylation in Neurons. <i>American Journal of Pathology</i> , 2004, 165, 795-805.	1.9	125
102	Presenilin Mutations in Familial Alzheimer Disease and Transgenic Mouse Models Accelerate Neuronal Lysosomal Pathology. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004, 63, 821-830.	0.9	139
103	Calpain Inhibitors, a Treatment for Alzheimer's Disease: Position Paper. <i>Journal of Molecular Neuroscience</i> , 2003, 20, 357-362.	1.1	61
104	Defective neurofilament transport in mouse models of amyotrophic lateral sclerosis: a review. <i>Neurochemical Research</i> , 2003, 28, 1041-1047.	1.6	59
105	The calpains in aging and aging-related diseases. <i>Ageing Research Reviews</i> , 2003, 2, 407-418.	5.0	190
106	The neurofilament middle molecular mass subunit carboxyl-terminal tail domains is essential for the radial growth and cytoskeletal architecture of axons but not for regulating neurofilament transport rate. <i>Journal of Cell Biology</i> , 2003, 163, 1021-1031.	2.3	108
107	Setback for an Alzheimer's disease vaccine. <i>Neurology</i> , 2003, 61, 7-8.	1.5	23
108	Rab5-stimulated Up-regulation of the Endocytic Pathway Increases Intracellular $\beta$ -Cleaved Amyloid Precursor Protein Carboxyl-terminal Fragment Levels and $\beta$ Production. <i>Journal of Biological Chemistry</i> , 2003, 278, 31261-31268.	1.6	199



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109	Neurofilament Transport <i>In Vivo</i> Minimally Requires Hetero-Oligomer Formation. <i>Journal of Neuroscience</i> , 2003, 23, 9452-9458.	1.7	50
110	<i>App</i> Gene Dosage Modulates Endosomal Abnormalities of Alzheimer's Disease in a Segmental Trisomy 16 Mouse Model of Down Syndrome. <i>Journal of Neuroscience</i> , 2003, 23, 6788-6792.	1.7	218
111	Alzheimer's Disease-related Overexpression of the Cation-dependent Mannose 6-Phosphate Receptor Increases A $\beta$ Secretion. <i>Journal of Biological Chemistry</i> , 2002, 277, 5299-5307.	1.6	85
112	Myosin Va binding to neurofilaments is essential for correct myosin Va distribution and transport and neurofilament density. <i>Journal of Cell Biology</i> , 2002, 159, 279-290.	2.3	106
113	Calpain Activity Regulates the Cell Surface Distribution of Amyloid Precursor Protein. <i>Journal of Biological Chemistry</i> , 2002, 277, 36415-36424.	1.6	96
114	Gene replacement in mice reveals that the heavily phosphorylated tail of neurofilament heavy subunit does not affect axonal caliber or the transit of cargoes in slow axonal transport. <i>Journal of Cell Biology</i> , 2002, 158, 681-693.	2.3	124
115	P301L tauopathy. <i>Journal of the Neurological Sciences</i> , 2002, 200, 85-93.	0.3	24
116	Calpain inhibitors. <i>Journal of Molecular Neuroscience</i> , 2002, 19, 135-141.	1.1	53
117	Calpain activation in neurodegenerative diseases: confocal immunofluorescence study with antibodies specifically recognizing the active form of calpain 2. <i>Acta Neuropathologica</i> , 2002, 104, 92-104.	3.9	93
118	The neuronal endosomal-lysosomal system in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2001, 3, 97-107.	1.2	112
119	Endocytic disturbances distinguish among subtypes of alzheimer's disease and related disorders. <i>Annals of Neurology</i> , 2001, 50, 661-665.	2.8	80
120	A $\beta$ peptide immunization reduces behavioural impairment and plaques in a model of Alzheimer's disease. <i>Nature</i> , 2000, 408, 979-982.	13.7	1,472
121	The endosomal-lysosomal system of neurons in Alzheimer's disease pathogenesis: a review. <i>Neurochemical Research</i> , 2000, 25, 1161-1172.	1.6	304
122	Local Control of Neurofilament Accumulation during Radial Growth of Myelinating Axons <i>In Vivo</i> . <i>Journal of Cell Biology</i> , 2000, 151, 1013-1024.	2.3	144
123	Endocytic Pathway Abnormalities Precede Amyloid $\beta$ Deposition in Sporadic Alzheimer's Disease and Down Syndrome. <i>American Journal of Pathology</i> , 2000, 157, 277-286.	1.9	737
124	A "Protease Activation Cascade" in the Pathogenesis of Alzheimer's Disease. <i>Annals of the New York Academy of Sciences</i> , 2000, 924, 117-131.	1.8	87
125	A "protease activation cascade" in the pathogenesis of Alzheimer's disease. <i>Annals of the New York Academy of Sciences</i> , 2000, 924, 117-31.	1.8	28
126	The slow axonal transport debate. <i>Trends in Cell Biology</i> , 1998, 8, 100.	3.6	18



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127	Dynamic behavior and organization of cytoskeletal proteins in neurons: reconciling old and new findings. <i>BioEssays</i> , 1998, 20, 798-807.	1.2	63
128	Calpain I activation in rat hippocampal neurons in culture is NMDA receptor selective and not essential for excitotoxic cell death. <i>Molecular Brain Research</i> , 1998, 54, 35-48.	2.5	65
129	Immunocytochemistry of formalin-fixed human brain tissues: microwave irradiation of free-floating sections. <i>Brain Research Protocols</i> , 1998, 2, 109-119.	1.7	32
130	Caspase-Mediated Fragmentation of Calpain Inhibitor Protein Calpastatin during Apoptosis. <i>Archives of Biochemistry and Biophysics</i> , 1998, 356, 187-196.	1.4	242
131	Triton-soluble phosphovariants of the heavy neurofilament subunit in developing and mature mouse central nervous system. <i>Journal of Neuroscience Research</i> , 1997, 48, 515-523.	1.3	35
132	Cellular Expression and Proteolytic Processing of Presenilin Proteins Is Developmentally Regulated During Neuronal Differentiation. <i>Journal of Neurochemistry</i> , 1997, 69, 2432-2440.	2.1	79
133	Increased Neuronal Endocytosis and Protease Delivery to Early Endosomes in Sporadic Alzheimer's Disease: Neuropathologic Evidence for a Mechanism of Increased $\beta$ -Amyloidogenesis. <i>Journal of Neuroscience</i> , 1997, 17, 6142-6151.	1.7	367
134	Oligodendroglia Regulate the Regional Expansion of Axon Caliber and Local Accumulation of Neurofilaments during Development Independently of Myelin Formation. <i>Journal of Neuroscience</i> , 1996, 16, 5095-5105.	1.7	238
135	Colocalization of Lysosomal Hydrolase and $\beta$ -Amyloid in Diffuse Plaques of the Cerebellum and Striatum in Alzheimer's Disease and Down's Syndrome. <i>Journal of Neuropathology and Experimental Neurology</i> , 1996, 55, 704-715.	0.9	69
136	Calcium Influx into Human Neuroblastoma Cells Induces ALZ-50 Immunoreactivity: Involvement of Calpain-Mediated Hydrolysis of Protein Kinase C. <i>Journal of Neurochemistry</i> , 1996, 66, 1539-1549.	2.1	54
137	Gene expression and cellular content of cathepsin D in Alzheimer's disease brain: Evidence for early up-regulation of the endosomal-lysosomal system. <i>Neuron</i> , 1995, 14, 671-680.	3.8	341
138	The endosomal-lysosomal system of neurons: new roles. <i>Trends in Neurosciences</i> , 1995, 18, 489-496.	4.2	149
139	Proteolysis of protein kinase C: mM and $\frac{1}{4}$ M calcium-requiring calpains have different abilities to generate, and degrade the free catalytic subunit, protein kinase M. <i>FEBS Letters</i> , 1995, 367, 223-227.	1.3	63
140	Purification and Properties of High Molecular Weight Calpastatin from Bovine Brain. <i>Journal of Neurochemistry</i> , 1995, 64, 859-866.	2.1	17
141	Enhancement of Neurite Outgrowth Following Calpain Inhibition Is Mediated by Protein Kinase C. <i>Journal of Neurochemistry</i> , 1995, 65, 517-527.	2.1	42
142	Degenerative changes in epinephrine tonic vasomotor neurons in Alzheimer's disease. <i>Brain Research</i> , 1994, 661, 35-42.	1.1	41
143	Lysosomal abnormalities in degenerating neurons link neuronal compromise to senile plaque development in Alzheimer disease. <i>Brain Research</i> , 1994, 640, 68-80.	1.1	198
144	Differential Expression and Subcellular Localization of Protein Kinase C $\alpha$ , $\beta$ , $\gamma$ , and $\delta$ Isoforms in SH-SY5Y Neuroblastoma Cells: Modifications During Differentiation. <i>Journal of Neurochemistry</i> , 1993, 60, 289-298.	2.1	74

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145	Specificity of calcium-activated neutral proteinase (CANP) inhibitors for human ?CANP and mCANP. <i>Neurochemical Research</i> , 1993, 18, 231-233.	1.6	24
146	The Lysosomal System in Neuronal Cell Death: A Review. <i>Annals of the New York Academy of Sciences</i> , 1993, 679, 87-109.	1.8	81
147	The Regulation of Neurofilament Protein Dynamics by Phosphorylation: Clues to Neurofibrillary Pathobiology. <i>Brain Pathology</i> , 1993, 3, 29-38.	2.1	155
148	Aluminum Alters the Electrophoretic Properties of Neurofilament Proteins: Role of Phosphorylation State. <i>Journal of Neurochemistry</i> , 1992, 58, 542-547.	2.1	43
149	Distinct Mechanisms of Differentiation of SH-SY5Y Neuroblastoma Cells by Protein Kinase C Activators and Inhibitors. <i>Journal of Neurochemistry</i> , 1992, 58, 1191-1198.	2.1	54
150	Immunoassay and Activity of Calcium-Activated Neutral Proteinase (mCANP): Distribution in Soluble and Membrane-Associated Fractions in Human and Mouse Brain. <i>Journal of Neurochemistry</i> , 1992, 58, 1526-1532.	2.1	24
151	Dynamics of neuronal intermediate filaments: A developmental perspective. <i>Cytoskeleton</i> , 1992, 22, 81-91.	4.4	207
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