

# Isidre Ferrer

## List of Publications by Year in descending order

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519  
papers

29,380  
citations

3933

88  
h-index

11937

134  
g-index

547  
all docs

547  
docs citations

547  
times ranked

32271  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuropathology and Pathogenesis of Encephalitis following Amyloid $\beta^2$ Immunization in Alzheimer's Disease. <i>Brain Pathology</i> , 2004, 14, 11-20.	4.1	531
2	Chaperone-Mediated Autophagy Markers in Parkinson Disease Brains. <i>Archives of Neurology</i> , 2010, 67, 1464-72.	4.5	440
3	Aging-related tau astrogliopathy (ARTAG): harmonized evaluation strategy. <i>Acta Neuropathologica</i> , 2016, 131, 87-102.	7.7	380
4	Staging of Neurofibrillary Pathology in Alzheimer's Disease: A Study of the BrainNet Europe Consortium. <i>Brain Pathology</i> , 2008, 18, 484-496.	4.1	361
5	BDNF and Full-length and Truncated TrkB Expression in Alzheimer Disease. Implications in Therapeutic Strategies. <i>Journal of Neuropathology and Experimental Neurology</i> , 1999, 58, 729-739.	1.7	350
6	Signaling of Cell Death and Cell Survival Following Focal Cerebral Ischemia: Life and Death Struggle in the Penumbra. <i>Journal of Neuropathology and Experimental Neurology</i> , 2003, 62, 329-339.	1.7	324
7	Severe Alterations in Lipid Composition of Frontal Cortex Lipid Rafts from Parkinson's Disease and Incidental Parkinson's Disease. <i>Molecular Medicine</i> , 2011, 17, 1107-1118.	4.4	308
8	Oxidative and endoplasmic reticulum stress interplay in sporadic amyotrophic lateral sclerosis. <i>Brain</i> , 2007, 130, 3111-3123.	7.6	296
9	Current Advances on Different Kinases Involved in Tau Phosphorylation, and Implications in Alzheimers Disease and Tauopathies. <i>Current Alzheimer Research</i> , 2005, 2, 3-18.	1.4	281
10	Clinical Correlations With Lewy Body Pathology in <i>LRRK2</i> -Related Parkinson Disease. <i>JAMA Neurology</i> , 2015, 72, 100.	9.0	272
11	A new human gene from the Down syndrome critical region encodes a proline-rich protein highly expressed in fetal brain and heart. <i>Human Molecular Genetics</i> , 1995, 4, 1935-1944.	2.9	250
12	Proteomic and oxidative stress analysis in human brain samples of Huntington disease. <i>Free Radical Biology and Medicine</i> , 2008, 45, 667-678.	2.9	250
13	Staging/typing of Lewy body related $\beta$ -synuclein pathology: a study of the BrainNet Europe Consortium. <i>Acta Neuropathologica</i> , 2009, 117, 635-652.	7.7	249
14	Proteins in Human Brain Cortex Are Modified by Oxidation, Glycooxidation, and Lipoxidation. <i>Journal of Biological Chemistry</i> , 2005, 280, 21522-21530.	3.4	246
15	Unexpected expression of $\beta$ - and $\beta^2$ -globin in mesencephalic dopaminergic neurons and glial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15454-15459.	7.1	240
16	Lipid Alterations in Lipid Rafts from Alzheimer's Disease Human Brain Cortex. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 489-502.	2.6	235
17	PINK1-linked parkinsonism is associated with Lewy body pathology. <i>Brain</i> , 2010, 133, 1128-1142.	7.6	223
18	Evidence of Oxidative Stress in the Neocortex in Incidental Lewy Body Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2005, 64, 816-830.	1.7	222

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19	Phosphorylated Map Kinase (ERK1, ERK2) Expression is Associated with Early Tau Deposition in Neurones and Glial Cells, but not with Increased Nuclear DNA Vulnerability and Cell Death, in Alzheimer Disease, Pick's Disease, Progressive Supranuclear Palsy and Corticobasal Degeneration. <i>Brain Pathology</i> , 2001, 11, 144-158.	4.1	206
20	Phosphorylated mitogen-activated protein kinase (MAPK/ERK-P), protein kinase of 38 kDa (p38-P), stress-activated protein kinase (SAPK/JNK-P), and calcium/calmodulin-dependent kinase II (CaM kinase II) are differentially expressed in tau deposits in neurons and glial cells in tauopathies. <i>Journal of Neural Transmission</i> , 2001, 108, 1397-1415.	2.8	188
21	Protein Targets of Oxidative Damage in Human Neurodegenerative Diseases with Abnormal Protein Aggregates. <i>Brain Pathology</i> , 2010, 20, 281-297.	4.1	184
22	Consensus classification of human prion disease histotypes allows reliable identification of molecular subtypes: an inter-rater study among surveillance centres in Europe and USA. <i>Acta Neuropathologica</i> , 2012, 124, 517-529.	7.7	184
23	Argyrophilic grain disease. <i>Brain</i> , 2008, 131, 1416-1432.	7.6	183
24	Huntington's disease is a four-repeat tauopathy with tau nuclear rods. <i>Nature Medicine</i> , 2014, 20, 881-885.	30.7	183
25	Early oxidative damage underlying neurodegeneration in X-adrenoleukodystrophy. <i>Human Molecular Genetics</i> , 2008, 17, 1762-1773.	2.9	181
26	Altered Machinery of Protein Synthesis in Alzheimer's: From the Nucleolus to the Ribosome. <i>Brain Pathology</i> , 2016, 26, 593-605.	4.1	180
27	Glycogen synthase kinase-3 is associated with neuronal and glial hyperphosphorylated tau deposits in Alzheimer's disease, Pick's disease, progressive supranuclear palsy and corticobasal degeneration. <i>Acta Neuropathologica</i> , 2002, 104, 583-591.	7.7	174
28	Metabolomics of Human Brain Aging and Age-Related Neurodegenerative Diseases. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014, 73, 640-657.	1.7	174
29	Glial and Neuronal Tau Pathology in Tauopathies. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014, 73, 81-97.	1.7	174
30	Functional overlap between ABCD1 (ALD) and ABCD2 (ALDR) transporters: a therapeutic target for X-adrenoleukodystrophy. <i>Human Molecular Genetics</i> , 2004, 13, 2997-3006.	2.9	170
31	Globular glial tauopathies (GGT): consensus recommendations. <i>Acta Neuropathologica</i> , 2013, 126, 537-544.	7.7	168
32	CB2 Cannabinoid Receptor Agonist Ameliorates Alzheimer-Like Phenotype in AÎ²PP/PS1 Mice. <i>Journal of Alzheimer's Disease</i> , 2013, 35, 847-858.	2.6	167
33	Cannabinoids for treatment of Alzheimer's disease: moving toward the clinic. <i>Frontiers in Pharmacology</i> , 2014, 5, 37.	3.5	166
34	Accelerated amyloid deposition, neurofibrillary degeneration and neuronal loss in double mutant APP/tau transgenic mice. <i>Neurobiology of Disease</i> , 2005, 20, 814-822.	4.4	163
35	DNA Methylation of Alzheimer Disease and Tauopathy-Related Genes in Postmortem Brain. <i>Journal of Neuropathology and Experimental Neurology</i> , 2009, 68, 880-891.	1.7	162
36	Altered mitochondria, energy metabolism, voltage-dependent anion channel, and lipid rafts converge to exhaust neurons in Alzheimer's disease. <i>Journal of Bioenergetics and Biomembranes</i> , 2009, 41, 425-431.	2.3	159

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37	Neuropathology of sporadic Parkinson disease before the appearance of parkinsonism: preclinical Parkinson disease. <i>Journal of Neural Transmission</i> , 2011, 118, 821-839.	2.8	156
38	Defining Alzheimer as a common age-related neurodegenerative process not inevitably leading to dementia. <i>Progress in Neurobiology</i> , 2012, 97, 38-51.	5.7	153
39	Constitutive Dyrk1A is abnormally expressed in Alzheimer disease, Down syndrome, Pick disease, and related transgenic models. <i>Neurobiology of Disease</i> , 2005, 20, 392-400.	4.4	152
40	Brain Protein Preservation Largely Depends on the Postmortem Storage Temperature. <i>Journal of Neuropathology and Experimental Neurology</i> , 2007, 66, 35-46.	1.7	151
41	Brain banks: benefits, limitations and cautions concerning the use of post-mortem brain tissue for molecular studies. <i>Cell and Tissue Banking</i> , 2008, 9, 181-194.	1.1	151
42	Evidence of Nuclear DNA Fragmentation Following Hypoxia-Ischemia in the Infant Rat Brain, and Transient Forebrain Ischemia in the Adult Gerbil. <i>Brain Pathology</i> , 1994, 4, 115-122.	4.1	150
43	Adenosine Receptors Accumulate in Neurodegenerative Structures in Alzheimer's Disease and Mediate Both Amyloid Precursor Protein Processing and Tau Phosphorylation and Translocation. <i>Brain Pathology</i> , 2003, 13, 440-451.	4.1	150
44	Altered Mitochondrial DNA Methylation Pattern in Alzheimer Disease-Related Pathology and in Parkinson Disease. <i>American Journal of Pathology</i> , 2016, 186, 385-397.	3.8	150
45	Pro-NGF Isolated from the Human Brain Affected by Alzheimer's Disease Induces Neuronal Apoptosis Mediated by p75NTR. <i>American Journal of Pathology</i> , 2005, 166, 533-543.	3.8	149
46	Mixed Brain Pathologies in Dementia: The BrainNet Europe Consortium Experience. <i>Dementia and Geriatric Cognitive Disorders</i> , 2008, 26, 343-350.	1.5	148
47	RESEARCH ARTICLE: Upregulation of Adenosine Receptors in the Frontal Cortex in Alzheimer's Disease. <i>Brain Pathology</i> , 2008, 18, 211-219.	4.1	147
48	(Patho)physiological relevance of PINK1-dependent ubiquitin phosphorylation. <i>EMBO Reports</i> , 2015, 16, 1114-1130.	4.5	147
49	Active, phosphorylation-dependent mitogen-activated protein kinase (MAPK/ERK), stress-activated protein kinase/c-Jun N-terminal kinase (SAPK/JNK), and p38 kinase expression in Parkinson's disease and Dementia with Lewy bodies. <i>Journal of Neural Transmission</i> , 2001, 108, 1383-1396.	2.8	146
50	Brain-derived neurotrophic factor reduces cortical cell death by ischemia after middle cerebral artery occlusion in the rat. <i>Acta Neuropathologica</i> , 2001, 101, 229-238.	7.7	146
51	Myotilinopathy: refining the clinical and myopathological phenotype. <i>Brain</i> , 2005, 128, 2315-2326.	7.6	146
52	Neuroprotective Role of Trans-Resveratrol in a Murine Model of Familial Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 1209-1220.	2.6	141
53	YKL-40 in the brain and cerebrospinal fluid of neurodegenerative dementias. <i>Molecular Neurodegeneration</i> , 2017, 12, 83.	10.8	140
54	Effects of Antemortem and Postmortem Variables on Human Brain mRNA Quality: A BrainNet Europe Study. <i>Journal of Neuropathology and Experimental Neurology</i> , 2010, 69, 70-81.	1.7	139

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55	LRRK2 delays degradative receptor trafficking by impeding late endosomal budding through decreasing Rab7 activity. <i>Human Molecular Genetics</i> , 2014, 23, 6779-6796.	2.9	139
56	Lipidomics of Human Brain Aging and Alzheimer's Disease Pathology. <i>International Review of Neurobiology</i> , 2015, 122, 133-189.	2.0	139
57	Human DNA methylomes of neurodegenerative diseases show common epigenomic patterns. <i>Translational Psychiatry</i> , 2016, 6, e718-e718.	4.8	137
58	Clinical and myopathological evaluation of early- and late-onset subtypes of myofibrillar myopathy. <i>Neuromuscular Disorders</i> , 2011, 21, 533-542.	0.6	135
59	Development of GABA-immunoreactivity in the neocortex of the mouse. <i>Journal of Comparative Neurology</i> , 1992, 326, 501-526.	1.6	134
60	High-fat diet-induced deregulation of hippocampal insulin signaling and mitochondrial homeostasis deficiencies contribute to Alzheimer disease pathology in rodents. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1687-1699.	3.8	134
61	Nuclear localization and phosphorylation modulate pathological effects of alpha-synuclein. <i>Human Molecular Genetics</i> , 2019, 28, 31-50.	2.9	131
62	Phosphorylation of tau and $\beta$ -synuclein in synaptic-enriched fractions of the frontal cortex in Alzheimer's disease, and in Parkinson's disease and related $\beta$ -synucleinopathies. <i>Neuroscience</i> , 2008, 152, 2.3 913-923.		129
63	Hippocampal Radial Glial Subtypes and Their Neurogenic Potential in Human Fetuses and Healthy and Alzheimer's Disease Adults. <i>Cerebral Cortex</i> , 2018, 28, 2458-2478.	2.9	128
64	Effects of Formalin Fixation, Paraffin Embedding, and Time of Storage on DNA Preservation in Brain Tissue: A BrainNet Europe Study. <i>Brain Pathology</i> , 2007, 17, 297-303.	4.1	127
65	Human brain cortex: mitochondrial oxidative damage and adaptive response in Parkinson disease and in dementia with Lewy bodies. <i>Free Radical Biology and Medicine</i> , 2009, 46, 1574-1580.	2.9	127
66	Mitochondrial ATPase Synthase in the Entorhinal Cortex Is a Target of Oxidative Stress at Stages I/II of Alzheimer's Disease Pathology. <i>Brain Pathology</i> , 2010, 20, 222-233.	4.1	127
67	Antioxidants halt axonal degeneration in a mouse model of $\alpha$ -adrenoleukodystrophy. <i>Annals of Neurology</i> , 2011, 70, 84-92.	5.3	122
68	Distribution, morphological features, and synaptic connections of parvalbumin- and calbindin D28k-immunoreactive neurons in the human hippocampal formation. <i>Journal of Comparative Neurology</i> , 1993, 337, 208-230.	1.6	121
69	Altered lipid composition in cortical lipid rafts occurs at early stages of sporadic Alzheimer's disease and facilitates APP/BACE1 interactions. <i>Neurobiology of Aging</i> , 2014, 35, 1801-1812.	3.1	116
70	General Aspects and Neuropathology of $\alpha$ -Linked Adrenoleukodystrophy. <i>Brain Pathology</i> , 2010, 20, 817-830.	4.1	112
71	Functional Genomics Reveals Dysregulation of Cortical Olfactory Receptors in Parkinson Disease: Novel Putative Chemoreceptors in the Human Brain. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013, 72, 524-539.	1.7	111
72	Selection of novel reference genes for use in the human central nervous system: a BrainNet Europe Study. <i>Acta Neuropathologica</i> , 2012, 124, 893-903.	7.7	110

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73	Cannabis-Based Medicine Reduces Multiple Pathological Processes in A $\beta$ PP/PS1 Mice. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 977-991.	2.6	110
74	Connexin 31 (GJB3) is expressed in the peripheral and auditory nerves and causes neuropathy and hearing impairment. <i>Human Molecular Genetics</i> , 2001, 10, 947-952.	2.9	109
75	Early modifications in the expression of mitogen-activated protein kinase (MAPK/ERK), stress-activated kinases SAPK/JNK and p38, and their phosphorylated substrates following focal cerebral ischemia. <i>Acta Neuropathologica</i> , 2003, 105, 425-437.	7.7	109
76	Diversity of astroglial responses across human neurodegenerative disorders and brain aging. <i>Brain Pathology</i> , 2017, 27, 645-674.	4.1	109
77	$\tau$ -synuclein phosphorylation and truncation are normal events in the adult human brain. <i>Neuroscience</i> , 2012, 200, 106-119.	2.3	108
78	Deregulation of purine metabolism in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015, 36, 68-80.	3.1	108
79	Neuroinflammatory Signals in Alzheimer Disease and APP/PS1 Transgenic Mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 2015, 74, 319-344.	1.7	105
80	A novel mutation (K317M) in the <i>MAPT</i> gene causes FTDP and motor neuron disease. <i>Neurology</i> , 2005, 64, 1578-1585.	1.1	97
81	Parvalbumin and calbindin-D28k immunocytochemistry in human neocortical epileptic foci. <i>Journal of the Neurological Sciences</i> , 1994, 123, 18-25.	0.6	95
82	Amyloid Generation and Dysfunctional Immunoproteasome Activation with Disease Progression in Animal Model of Familial Alzheimer's Disease. <i>Brain Pathology</i> , 2012, 22, 636-653.	4.1	95
83	Impaired mitochondrial oxidative phosphorylation in the peroxisomal disease X-linked adrenoleukodystrophy. <i>Human Molecular Genetics</i> , 2013, 22, 3296-3305.	2.9	95
84	Caspase-dependent and caspase-independent signalling of apoptosis in the penumbra following middle cerebral artery occlusion in the adult rat. <i>Neuropathology and Applied Neurobiology</i> , 2003, 29, 472-481.	3.2	94
85	Abnormal $\tau$ -Synuclein Interactions with Rab Proteins in $\tau$ -Synuclein A30P Transgenic Mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004, 63, 302-313.	1.7	93
86	pH measurement as quality control on human <i>post mortem</i> brain tissue: a study of the BrainNet Europe consortium. <i>Neuropathology and Applied Neurobiology</i> , 2009, 35, 329-337.	3.2	93
87	Early involvement of the cerebral cortex in Parkinson's disease: Convergence of multiple metabolic defects. <i>Progress in Neurobiology</i> , 2009, 88, 89-103.	5.7	92
88	Cell stress induces TDP-43 pathological changes associated with ERK1/2 dysfunction: implications in ALS. <i>Acta Neuropathologica</i> , 2011, 122, 259-270.	7.7	92
89	Disrupting MLC1 and GlialCAM and CIC-2 interactions in leukodystrophy entails glial chloride channel dysfunction. <i>Nature Communications</i> , 2014, 5, 3475.	12.8	92
90	CB2 Cannabinoid Receptor As Potential Target against Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2016, 10, 243.	2.8	92

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91	Increased striatal adenosine A2A receptor levels is an early event in Parkinson's disease-related pathology and it is potentially regulated by miR-34b. <i>Neurobiology of Disease</i> , 2014, 69, 206-214.	4.4	91
92	Genetic and Transcriptomic Profiles of Inflammation in Neurodegenerative Diseases: Alzheimer, Parkinson, Creutzfeldt-Jakob and Tauopathies. <i>International Journal of Molecular Sciences</i> , 2016, 17, 206.	4.1	91
93	Inactivation of the peroxisomal ABCD2 transporter in the mouse leads to late-onset ataxia involving mitochondria, Golgi and endoplasmic reticulum damage. <i>Human Molecular Genetics</i> , 2005, 14, 3565-3577.	2.9	90
94	Neurons and Their Dendrites in Frontotemporal Dementia. <i>Dementia and Geriatric Cognitive Disorders</i> , 1999, 10, 55-60.	1.5	87
95	Microspectroscopy ( $\hat{1}/4$ FTIR) Reveals Co-localization of Lipid Oxidation and Amyloid Plaques in Human Alzheimer Disease Brains. <i>Analytical Chemistry</i> , 2014, 86, 12047-12054.	6.5	87
96	Altered machinery of protein synthesis is region- and stage-dependent and is associated with $\hat{1}\pm$ -synuclein oligomers in Parkinson's disease. <i>Acta Neuropathologica Communications</i> , 2015, 3, 76.	5.2	87
97	Age- and disease-dependent increase of the mitophagy marker phospho-ubiquitin in normal aging and Lewy body disease. <i>Autophagy</i> , 2018, 14, 1404-1418.	9.1	87
98	Arteriolosclerotic leucoencephalopathy in the elderly and its relation to white matter lesions in Binswanger's disease, multi-infarct encephalopathy and Alzheimer's disease. <i>Journal of the Neurological Sciences</i> , 1990, 98, 37-50.	0.6	86
99	Inter-laboratory comparison of neuropathological assessments of $\hat{1}^2$ -amyloid protein: a study of the BrainNet Europe consortium. <i>Acta Neuropathologica</i> , 2008, 115, 533-546.	7.7	86
100	Neuronal Hemoglobin is Reduced in Alzheimer's Disease, Argyrophilic Grain Disease, Parkinson's Disease, and Dementia with Lewy Bodies. <i>Journal of Alzheimer's Disease</i> , 2011, 23, 537-550.	2.6	86
101	Olfactory Receptors in Non-Chemosensory Organs: The Nervous System in Health and Disease. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 163.	3.4	86
102	Transforming growth factor- $\hat{1}\pm$ (TGF- $\hat{1}\pm$ ) and epidermal growth factor-receptor (EGF-R) immunoreactivity in normal and pathologic brain. <i>Progress in Neurobiology</i> , 1996, 49, 99-119.	5.7	85
103	Abnormal $\hat{1}\pm$ -synuclein interactions with rab3a and rabphilin in diffuse Lewy body disease. <i>Neurobiology of Disease</i> , 2004, 16, 92-97.	4.4	85
104	Proteasomal Expression, Induction of Immunoproteasome Subunits, and Local MHC Class I Presentation in Myofibrillar Myopathy and Inclusion Body Myositis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004, 63, 484-498.	1.7	84
105	Oxidative stress underlying axonal degeneration in adrenoleukodystrophy: A paradigm for multifactorial neurodegenerative diseases?. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1475-1488.	3.8	84
106	TAR DNA-Binding Protein 43 Accumulation in Protein Aggregate Myopathies. <i>Journal of Neuropathology and Experimental Neurology</i> , 2009, 68, 262-273.	1.7	83
107	Both apoptosis and necrosis occur following intrastriatal administration of excitotoxins. <i>Acta Neuropathologica</i> , 1995, 90, 504-510.	7.7	82
108	Aquaporin expression in the cerebral cortex is increased at early stages of Alzheimer disease. <i>Brain Research</i> , 2007, 1128, 164-174.	2.2	80



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109	Molecular mechanisms of MLC1 and GLIALCAM mutations in megalencephalic leukoencephalopathy with subcortical cysts. <i>Human Molecular Genetics</i> , 2011, 20, 3266-3277.	2.9	80
110	Abnormal synaptic protein expression and cell death in murine scrapie. <i>Acta Neuropathologica</i> , 2002, 103, 615-626.	7.7	79
111	BDNF Upregulates TrkB Protein and Prevents the Death of CA1 Neurons Following Transient Forebrain Ischemia. <i>Brain Pathology</i> , 1998, 8, 253-261.	4.1	79
112	proBDNF is modified by advanced glycation end products in Alzheimer's disease and causes neuronal apoptosis by inducing p75 neurotrophin receptor processing. <i>Molecular Brain</i> , 2018, 11, 68.	2.6	79
113	Neuronal alterations in patients with dementia: a Golgi study on biopsy samples. <i>Neuroscience Letters</i> , 1990, 114, 11-16.	2.1	78
114	Expression of stress-activated kinases c-Jun N-terminal kinase (SAPK/JNK-P) and p38 kinase (p38-P), and tau hyperphosphorylation in neurites surrounding A $\beta$ plaques in APP Tg2576 mice. <i>Neuropathology and Applied Neurobiology</i> , 2004, 30, 491-502.	3.2	78
115	Characterization of a double (amyloid precursor protein-tau) transgenic: Tau phosphorylation and aggregation. <i>Neuroscience</i> , 2005, 130, 339-347.	2.3	78
116	Oxidative Damage Compromises Energy Metabolism in the Axonal Degeneration Mouse Model of X-Adrenoleukodystrophy. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 2095-2107.	5.4	78
117	Oxidative stress modulates mitochondrial failure and cyclophilin D function in X-linked adrenoleukodystrophy. <i>Brain</i> , 2012, 135, 3584-3598.	7.6	78
118	Naturally Occurring (Programmed) and Radiation-Induced Apoptosis are Associated with Selective c-Jun Expression in the Developing Rat Brain. <i>European Journal of Neuroscience</i> , 1996, 8, 1286-1298.	2.6	77
119	Oxidation, glycooxidation, lipoxidation, nitration, and responses to oxidative stress in the cerebral cortex in Creutzfeldt-Jakob disease. <i>Neurobiology of Aging</i> , 2006, 27, 1807-1815.	3.1	76
120	Cannabinoid pharmacology/therapeutics in chronic degenerative disorders affecting the central nervous system. <i>Biochemical Pharmacology</i> , 2018, 157, 67-84.	4.4	75
121	Poly(propylene imine) dendrimers with histidine-maltose shell as novel type of nanoparticles for synapse and memory protection. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 17, 198-209.	3.3	75
122	Pro-NGF from Alzheimer's Disease and Normal Human Brain Displays Distinctive Abilities to Induce Processing and Nuclear Translocation of Intracellular Domain of p75NTR and Apoptosis. <i>American Journal of Pathology</i> , 2006, 169, 119-131.	3.8	74
123	Apoptosis: Future Targets for Neuroprotective Strategies. <i>Cerebrovascular Diseases</i> , 2006, 21, 9-20.	1.7	74
124	Increased oxidation, glycooxidation, and lipoxidation of brain proteins in prion disease. <i>Free Radical Biology and Medicine</i> , 2008, 45, 1159-1166.	2.9	74
125	Transforming growth factor- $\beta$ immunoreactivity in the developing and adult brain. <i>Neuroscience</i> , 1995, 66, 189-199.	2.3	73
126	Synaptic pathology and cell death in the cerebellum in Creutzfeldt-Jakob disease. <i>Cerebellum</i> , 2002, 1, 213-222.	2.5	73



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127	Neurochemistry and the non-motor aspects of PD. <i>Neurobiology of Disease</i> , 2012, 46, 508-526.	4.4	73
128	Complex Deregulation and Expression of Cytokines and Mediators of the Immune Response in Parkinson's Disease Brain is Region Dependent. <i>Brain Pathology</i> , 2014, 24, 584-598.	4.1	73
129	Olfactory bulb neuroproteomics reveals a chronological perturbation of survival routes and a disruption of prohibitin complex during Alzheimer's disease progression. <i>Scientific Reports</i> , 2017, 7, 9115.	3.3	73
130	PM20D1 is a quantitative trait locus associated with Alzheimer's disease. <i>Nature Medicine</i> , 2018, 24, 598-603.	30.7	73
131	Desmin-related myopathy: clinical, electrophysiological, radiological, neuropathological and genetic studies. <i>Journal of the Neurological Sciences</i> , 2004, 219, 125-137.	0.6	72
132	Lysosome-associated membrane protein 1 (LAMP-1) in Alzheimer's disease. <i>Neuropathology and Applied Neurobiology</i> , 2006, 32, 505-516.	3.2	72
133	Locus coeruleus at asymptomatic early and middle Braak stages of neurofibrillary tangle pathology. <i>Neuropathology and Applied Neurobiology</i> , 2017, 43, 373-392.	3.2	72
134	TaqMan PCR assay in the control of RNA normalization in human post-mortem brain tissue. <i>Neurochemistry International</i> , 2006, 49, 276-284.	3.8	71
135	Evidence for Premature Lipid Raft Aging in APP/PS1 Double-Transgenic Mice, a Model of Familial Alzheimer Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2012, 71, 868-881.	1.7	69
136	Pioglitazone halts axonal degeneration in a mouse model of X-linked adrenoleukodystrophy. <i>Brain</i> , 2013, 136, 2432-2443.	7.6	69
137	Hereditary Human Prion Diseases: an Update. <i>Molecular Neurobiology</i> , 2017, 54, 4138-4149.	4.0	69
138	Developmental Expression and Dysregulation of miR-146a and miR-155 in Down's Syndrome and Mouse Models of Down's Syndrome and Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2017, 14, 1305-1317.	1.4	69
139	Increased expression of water channel aquaporin 1 and aquaporin 4 in Creutzfeldt-Jakob disease and in bovine spongiform encephalopathy-infected bovine-PrP transgenic mice. <i>Acta Neuropathologica</i> , 2006, 112, 573-585.	7.7	68
140	Dysregulation of brain olfactory and taste receptors in AD, PSP and CJD, and AD-related model. <i>Neuroscience</i> , 2013, 248, 369-382.	2.3	68
141	Primary progressive aphasia as the initial manifestation of corticobasal degeneration and unusual tauopathies. <i>Acta Neuropathologica</i> , 2003, 106, 419-435.	7.7	67
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