

Isidre Ferrer

List of Publications by Year in descending order

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Version: 2024-02-01

519
papers

29,380
citations

4584

88
h-index

13635

134
g-index

547
all docs

547
docs citations

547
times ranked

35228
citing authors

#	ARTICLE	IF	CITATIONS
1	Dysregulated Protein Phosphorylation as Main Contributor of Granulovacuolar Degeneration at the First Stages of Neurofibrillary Tangles Pathology. <i>Neuroscience</i> , 2023, 518, 119-140.	1.1	9
2	Tau Aggregation. <i>Neuroscience</i> , 2023, 518, 64-69.	1.1	20
3	Modulation of mitochondrial and inflammatory homeostasis through RIP140 is neuroprotective in an adrenoleukodystrophy mouse model. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	1.8	6
4	Expression pattern of perilipins in human brain during aging and in Alzheimer's disease. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	1.8	17
5	Molecular Profiles of Amyloid- β^2 Proteoforms in Typical and Rapidly Progressive Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2022, 59, 17-34.	1.9	8
6	Host Tau Genotype Specifically Designs and Regulates Tau Seeding and Spreading and Host Tau Transformation Following Intrahippocampal Injection of Identical Tau AD Inoculum. <i>International Journal of Molecular Sciences</i> , 2022, 23, 718.	1.8	7
7	Analysis of co-isogenic prion protein deficient mice reveals behavioral deficits, learning impairment, and enhanced hippocampal excitability. <i>BMC Biology</i> , 2022, 20, 17.	1.7	4
8	Selective brain regional changes in lipid profile with human aging. <i>GeroScience</i> , 2022, 44, 763-783.	2.1	15
9	Serpin Signatures in Prion and Alzheimer's Diseases. <i>Molecular Neurobiology</i> , 2022, 59, 3778-3799.	1.9	18
10	Differences in Tau Seeding in Newborn and Adult Wild-Type Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4789.	1.8	3
11	Dysregulated Brain Protein Phosphorylation Linked to Increased Human Tau Expression in the hTau Transgenic Mouse Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6427.	1.8	1
12	The Primary Microglial Leukodystrophies: A Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6341.	1.8	8
13	Differentially Aquaporin 5 Expression in Submandibular Glands and Cerebral Cortex in Alzheimer's Disease. <i>Biomedicines</i> , 2022, 10, 1645.	1.4	4
14	Activating cannabinoid receptor 2 preserves axonal health through GSK-3 β /NRF2 axis in adrenoleukodystrophy. <i>Acta Neuropathologica</i> , 2022, 144, 241-258.	3.9	2
15	Lipid alterations in human frontal cortex in ALS/FTLD-TDP43 proteinopathy spectrum are partly related to peroxisome impairment. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 544-563.	1.8	14
16	Cadaverine and Spermine Elicit Ca ²⁺ Uptake in Human CP Cells via a Trace Amine-Associated Receptor 1 Dependent Pathway. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 625-637.	1.1	2
17	TDP-43 Vasculopathy in the Spinal Cord in Sporadic Amyotrophic Lateral Sclerosis (sALS) and Frontal Cortex in sALS/FTLD-TDP. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 229-239.	0.9	12
18	Lipoxidation. , 2021, , 83-96.		1

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19	Differential astrocyte and oligodendrocyte vulnerability in murine Creutzfeldt-Jakob disease. <i>Prion</i> , 2021, 15, 112-120.	0.9	6
20	Lipidomic traits of plasma and cerebrospinal fluid in amyotrophic lateral sclerosis correlate with disease progression. <i>Brain Communications</i> , 2021, 3, fcab143.	1.5	29
21	Neuroimmune Response Mediated by Cytokines in Natural Scrapie after Chronic Dexamethasone Treatment. <i>Biomolecules</i> , 2021, 11, 204.	1.8	4
22	Ecto-GPR37: a potential biomarker for Parkinson's disease. <i>Translational Neurodegeneration</i> , 2021, 10, 8.	3.6	19
23	Lower Locus Coeruleus MRI intensity in patients with late-life major depression. <i>PeerJ</i> , 2021, 9, e10828.	0.9	14
24	Prion protein oligomers cause neuronal cytoskeletal damage in rapidly progressive Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2021, 16, 11.	4.4	15
25	The Causal Role of Lipoxidative Damage in Mitochondrial Bioenergetic Dysfunction Linked to Alzheimer's Disease Pathology. <i>Life</i> , 2021, 11, 388.	1.1	16
26	TREM2 expression in the brain and biological fluids in prion diseases. <i>Acta Neuropathologica</i> , 2021, 141, 841-859.	3.9	18
27	Atypical astroglial pTDP43 pathology in astroglial predominant tauopathy. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 1109-1113.	1.8	5
28	Transcriptional signatures of synaptic vesicle genes define myotonic dystrophy type I neurodegeneration. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 1092-1108.	1.8	14
29	Aberrant Synaptic PTEN in Symptomatic Alzheimer's Patients May Link Synaptic Depression to Network Failure. <i>Frontiers in Synaptic Neuroscience</i> , 2021, 13, 683290.	1.3	4
30	New insights into human prefrontal cortex aging with a lipidomics approach. <i>Expert Review of Proteomics</i> , 2021, 18, 333-344.	1.3	12
31	Tau Exon 10 Inclusion by PrPC through Downregulating GSK3 β Activity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5370.	1.8	2
32	Nuclear lipidome is altered in amyotrophic lateral sclerosis: A pilot study. <i>Journal of Neurochemistry</i> , 2021, 158, 482-499.	2.1	9
33	Synchrotron X-ray Fluorescence and FTIR Signatures for Amyloid Fibrillary and Nonfibrillary Plaques. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1961-1971.	1.7	11
34	Kidins220 deficiency causes ventriculomegaly via SNX27-retromer-dependent AQP4 degradation. <i>Molecular Psychiatry</i> , 2021, 26, 6411-6426.	4.1	13
35	Dysregulated protein phosphorylation: A determining condition in the continuum of brain aging and Alzheimer's disease. <i>Brain Pathology</i> , 2021, 31, e12996.	2.1	33
36	The Structure of the Spinal Cord Ependymal Region in Adult Humans Is a Distinctive Trait among Mammals. <i>Cells</i> , 2021, 10, 2235.	1.8	8

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37	Increased YKL-40 but Not C-Reactive Protein Levels in Patients with Alzheimer's Disease. <i>Biomedicines</i> , 2021, 9, 1094.	1.4	8
38	Cell Stress Induces Mislocalization of Transcription Factors with Mitochondrial Enrichment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8853.	1.8	4
39	CPEB alteration and aberrant transcriptome-polyadenylation lead to a treatable SLC19A3 deficiency in Huntington's disease. <i>Science Translational Medicine</i> , 2021, 13, eabe7104.	5.8	14
40	Dense core vesicle markers in CSF and cortical tissues of patients with Alzheimer's disease. <i>Translational Neurodegeneration</i> , 2021, 10, 37.	3.6	8
41	proNGF Involvement in the Adult Neurogenesis Dysfunction in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10744.	1.8	3
42	The apolipoprotein receptor LRP3 compromises APP levels. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 181.	3.0	9
43	Age-Related Changes in Lipidome of Rat Frontal Cortex and Cerebellum Are Partially Reversed by Methionine Restriction Applied in Old Age. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12517.	1.8	8
44	Relevance of host tau in tau seeding and spreading in tauopathies. <i>Brain Pathology</i> , 2020, 30, 298-318.	2.1	22
45	Cannabidiol-Enriched Extract Reduced the Cognitive Impairment but Not the Epileptic Seizures in a Lafora Disease Animal Model. <i>Cannabis and Cannabinoid Research</i> , 2020, 5, 150-163.	1.5	13
46	Familial globular glial tauopathy linked to MAPT mutations: molecular neuropathology and seeding capacity of a prototypical mixed neuronal and glial tauopathy. <i>Acta Neuropathologica</i> , 2020, 139, 735-771.	3.9	35
47	Gender-Specific Beneficial Effects of Docosahexaenoic Acid Dietary Supplementation in G93A-SOD1 Amyotrophic Lateral Sclerosis Mice. <i>Neurotherapeutics</i> , 2020, 17, 269-281.	2.1	15
48	The clinical and radiological profile of primary lateral sclerosis: an annotation on its pathological and clinical background. <i>Journal of Neurology</i> , 2020, 267, 574-574.	1.8	1
49	Potential of Microfluidics and Lab-on-Chip Platforms to Improve Understanding of Prion-like Protein Assembly and Behavior. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 570692.	2.0	5
50	Tau Protein as a New Regulator of Cellular Prion Protein Transcription. <i>Molecular Neurobiology</i> , 2020, 57, 4170-4186.	1.9	6
51	Increased C-X-C Motif Chemokine Ligand 12 Levels in Cerebrospinal Fluid as a Candidate Biomarker in Sporadic Amyotrophic Lateral Sclerosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8680.	1.8	13
52	The Presence of Human Herpesvirus 6 in the Brain in Health and Disease. <i>Biomolecules</i> , 2020, 10, 1520.	1.8	24
53	Amyotrophic Lateral Sclerosis Is Accompanied by Protein Derangements in the Olfactory Bulb-Tract Axis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8311.	1.8	11
54	Centrally Active Multitarget Anti-Alzheimer Agents Derived from the Antioxidant Lead CR-6. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 9360-9390.	2.9	25

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55	Locus coeruleus connectivity alterations in late-life major depressive disorder during a visual oddball task. <i>NeuroImage: Clinical</i> , 2020, 28, 102482.	1.4	14
56	Assessment of Glial Activation Response in the Progress of Natural Scrapie after Chronic Dexamethasone Treatment. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3231.	1.8	9
57	Annexin A5 prevents amyloid- β -induced toxicity in choroid plexus: implication for Alzheimer's disease. <i>Scientific Reports</i> , 2020, 10, 9391.	1.6	18
58	Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. <i>PLoS ONE</i> , 2020, 15, e0233468.	1.1	29
59	High-dose biotin restores redox balance, energy and lipid homeostasis, and axonal health in a model of adrenoleukodystrophy. <i>Brain Pathology</i> , 2020, 30, 945-963.	2.1	11
60	Succination of Protein Thiols in Human Brain Aging. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 52.	1.7	10
61	Motor neuron preservation and decrease of in vivo TDP-43 phosphorylation by protein CK-1 γ kinase inhibitor treatment. <i>Scientific Reports</i> , 2020, 10, 4449.	1.6	44
62	The Quest for Cellular Prion Protein Functions in the Aged and Neurodegenerating Brain. <i>Cells</i> , 2020, 9, 591.	1.8	14
63	Capacity for Seeding and Spreading of Argyrophilic Grain Disease in a Wild-Type Murine Model; Comparisons With Primary Age-Related Tauopathy. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 101.	1.4	8
64	SFPQ and Tau: critical factors contributing to rapid progression of Alzheimer's disease. <i>Acta Neuropathologica</i> , 2020, 140, 317-339.	3.9	45
65	Calcium-binding proteins are altered in the cerebellum in schizophrenia. <i>PLoS ONE</i> , 2020, 15, e0230400.	1.1	16
66	Disrupted functional connectivity of the locus coeruleus in healthy adults with parental history of Alzheimer's disease. <i>Journal of Psychiatric Research</i> , 2020, 123, 81-88.	1.5	16
67	Diagnostic Accuracy of Prion Disease Biomarkers in Iatrogenic Creutzfeldt-Jakob Disease. <i>Biomolecules</i> , 2020, 10, 290.	1.8	10
68	Bitter taste receptors profiling in the human blood-cerebrospinal fluid-barrier. <i>Biochemical Pharmacology</i> , 2020, 177, 113954.	2.0	11
69	White matter alterations in Alzheimer's disease without concomitant pathologies. <i>Neuropathology and Applied Neurobiology</i> , 2020, 46, 654-672.	1.8	24
70	Selected cryptic exons accumulate in hippocampal cell nuclei in Alzheimer's disease with and without associated TDP-43 proteinopathy. <i>Brain</i> , 2020, 143, e20-e20.	3.7	5
71	Cerebrospinal fluid lipocalin 2 as a novel biomarker for the differential diagnosis of vascular dementia. <i>Nature Communications</i> , 2020, 11, 619.	5.8	67
72	CpG and non-CpG Presenilin1 methylation pattern in course of neurodevelopment and neurodegeneration is associated with gene expression in human and murine brain. <i>Epigenetics</i> , 2020, 15, 781-799.	1.3	39

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73	Disease-Specific Changes in Reelin Protein and mRNA in Neurodegenerative Diseases. <i>Cells</i> , 2020, 9, 1252.	1.8	8
74	Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. , 2020, 15, e0233468.		0
75	Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. , 2020, 15, e0233468.		0
76	Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. , 2020, 15, e0233468.		0
77	Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. , 2020, 15, e0233468.		0
78	Cerebrospinal Fluid Total Prion Protein in the Spectrum of Prion Diseases. <i>Molecular Neurobiology</i> , 2019, 56, 2811-2821.	1.9	20
79	Differences in structure and function between human and murine tau. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2024-2030.	1.8	22
80	Early-Onset Molecular Derangements in the Olfactory Bulb of Tg2576 Mice: Novel Insights Into the Stress-Responsive Olfactory Kinase Dynamics in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 141.	1.7	12
81	Plasma YKL-40 in the spectrum of neurodegenerative dementia. <i>Journal of Neuroinflammation</i> , 2019, 16, 145.	3.1	40
82	Elevated levels of Secreted-Frizzled-Related-Protein 1 contribute to Alzheimer's disease pathogenesis. <i>Nature Neuroscience</i> , 2019, 22, 1258-1268.	7.1	48
83	Revealing Adenosine A2A-Dopamine D2 Receptor Heteromers in Parkinson's Disease Post-Mortem Brain through a New AlphaScreen-Based Assay. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3600.	1.8	40
84	Historical setting and neuropathology of lathyrism: Insights from the neglected 1944 report by Oliveras de la Riva. <i>Journal of the History of the Neurosciences</i> , 2019, 28, 361-386.	0.1	5
85	Synthesis, In Vitro Profiling, and In Vivo Efficacy Studies of a New Family of Multitarget Anti-Alzheimer Compounds. <i>Proceedings (mdpi)</i> , 2019, 22, .	0.2	0
86	Role of tau N-terminal motif in the secretion of human tau by End Binding proteins. <i>PLoS ONE</i> , 2019, 14, e0210864.	1.1	31
87	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.	1.7	75
88	Involvement of Oligodendrocytes in Tau Seeding and Spreading in Tauopathies. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 112.	1.7	46
89	Globular glial tauopathy caused by MAPT P301T mutation: clinical and neuropathological findings. <i>Journal of Neurology</i> , 2019, 266, 2396-2405.	1.8	22
90	Mutations in <i>TIMM50</i> cause severe mitochondrial dysfunction by targeting key aspects of mitochondrial physiology. <i>Human Mutation</i> , 2019, 40, 1700-1712.	1.1	16

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91	Hereditary primary lateral sclerosis and progressive nonfluent aphasia. <i>Journal of Neurology</i> , 2019, 266, 1079-1090.	1.8	21
92	Redox lipidomics to better understand brain aging and function. <i>Free Radical Biology and Medicine</i> , 2019, 144, 310-321.	1.3	28
93	Myoglobinopathy is an adult-onset autosomal dominant myopathy with characteristic sarcoplasmic inclusions. <i>Nature Communications</i> , 2019, 10, 1396.	5.8	11
94	Combined Transcriptomics and Proteomics in Frontal Cortex Area 8 in Frontotemporal Lobar Degeneration Linked to C9ORF72 Expansion. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 1287-1307.	1.2	14
95	Wnt Signaling Alterations in the Human Spinal Cord of Amyotrophic Lateral Sclerosis Cases: Spotlight on Fz2 and Wnt5a. <i>Molecular Neurobiology</i> , 2019, 56, 6777-6791.	1.9	26
96	Differential Aggregation and Phosphorylation of Alpha Synuclein in Membrane Compartments Associated With Parkinson Disease. <i>Frontiers in Neuroscience</i> , 2019, 13, 382.	1.4	34
97	Altered Dynein Axonemal Assembly Factor 1 Expression in C-Boutons in Bulbar and Spinal Cord Motor-Neurons in Sporadic Amyotrophic Lateral Sclerosis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 416-425.	0.9	5
98	RNA editing alterations define manifestation of prion diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19727-19735.	3.3	17
99	Nuclear localization and phosphorylation modulate pathological effects of alpha-synuclein. <i>Human Molecular Genetics</i> , 2019, 28, 31-50.	1.4	131
100	Lipids and lipoxidation in human brain aging. Mitochondrial ATP-synthase as a key lipoxidation target. <i>Redox Biology</i> , 2019, 23, 101082.	3.9	52
101	Neuroinflammation in the dorsolateral prefrontal cortex in elderly chronic schizophrenia. <i>European Neuropsychopharmacology</i> , 2019, 29, 384-396.	0.3	34
102	Cerebrospinal fluid neurofilament light in suspected sporadic Creutzfeldt-Jakob disease. <i>Journal of Clinical Neuroscience</i> , 2019, 60, 124-127.	0.8	18
103	Unveiling the olfactory proteostatic disarrangement in Parkinson's disease by proteome-wide profiling. <i>Neurobiology of Aging</i> , 2019, 73, 123-134.	1.5	48
104	Lipid Profile in Human Frontal Cortex is Sustained Throughout Healthy Adult Lifespan to Decay at Advanced Ages. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 703-710.	1.7	13
105	Role of cellular prion protein in interneuronal amyloid transmission. <i>Progress in Neurobiology</i> , 2018, 165-167, 87-102.	2.8	22
106	Cerebrospinal fluid neurofilament light levels in neurodegenerative dementia: Evaluation of diagnostic accuracy in the differential diagnosis of prion diseases. <i>Alzheimer's and Dementia</i> , 2018, 14, 751-763.	0.4	61
107	Aging-related tau astroglipathy (ARTAG): not only tau phosphorylation in astrocytes. <i>Brain Pathology</i> , 2018, 28, 965-985.	2.1	59
108	Purine-related metabolites and their converting enzymes are altered in frontal, parietal and temporal cortex at early stages of Alzheimer's disease pathology. <i>Brain Pathology</i> , 2018, 28, 933-946.	2.1	59

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109	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.	1.6	128
110	Lipid raft aging in the human frontal cortex during nonpathological aging: gender influences and potential implications in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2018, 67, 42-52.	1.5	64
111	Mitochondrial activity in the frontal cortex area 8 and angular gyrus in Parkinson's disease and Parkinson's disease with dementia. <i>Brain Pathology</i> , 2018, 28, 43-57.	2.1	27
112	Molecular Alterations in the Cerebellum of Sporadic Creutzfeldt-Jakob Disease Subtypes with DJ-1 as a Key Regulator of Oxidative Stress. <i>Molecular Neurobiology</i> , 2018, 55, 517-537.	1.9	11
113	Involvement of Cellular Prion Protein in β -Synuclein Transport in Neurons. <i>Molecular Neurobiology</i> , 2018, 55, 1847-1860.	1.9	55
114	Transcriptional network analysis in frontal cortex in Lewy body diseases with focus on dementia with Lewy bodies. <i>Brain Pathology</i> , 2018, 28, 315-333.	2.1	35
115	iPS Cell Cultures from a Gerstmann-Strussler-Scheinker Patient with the Y218N PRNP Mutation Recapitulate tau Pathology. <i>Molecular Neurobiology</i> , 2018, 55, 3033-3048.	1.9	27
116	Sisyphus in Neverland. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 1023-1047.	1.2	0
117	Neuropathology of cerebrovascular diseases. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 145, 79-114.	1.0	36
118	Astroglial pathology in Tauopathies. <i>Neuroglia (Basel, Switzerland)</i> , 2018, 1, 126-150.	0.3	24
119	YKL40 in sporadic amyotrophic lateral sclerosis: cerebrospinal fluid levels as a prognosis marker of disease progression. <i>Aging</i> , 2018, 10, 2367-2382.	1.4	25
120	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.	1.3	79
121	PPAR γ agonist-loaded PLGA-PEG nanocarriers as a potential treatment for Alzheimer's disease: in vitro and in vivo studies. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5577-5590.	3.3	52
122	MicroRNA Alterations in the Brain and Body Fluids of Humans and Animal Prion Disease Models: Current Status and Perspectives. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 220.	1.7	18
123	Gene Expression Profile in Frontal Cortex in Sporadic Frontotemporal Lobar Degeneration-TDP. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 608-627.	0.9	15
124	Proteomics and lipidomics in the human brain. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 150, 285-302.	1.0	7
125	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.	4.3	87
126	Decreased generation of C-terminal fragments of ApoER2 and increased reelin expression in Alzheimer's disease. <i>FASEB Journal</i> , 2018, 32, 3536-3546.	0.2	23

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127	Oligodendrogliopathy in neurodegenerative diseases with abnormal protein aggregates: The forgotten partner. <i>Progress in Neurobiology</i> , 2018, 169, 24-54.	2.8	49
128	Regional vulnerability to lipoxidative damage and inflammation in normal human brain aging. <i>Experimental Gerontology</i> , 2018, 111, 218-228.	1.2	22
129	Glutamate Transporter GLT1 Expression in Alzheimer Disease and Dementia With Lewy Bodies. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 122.	1.7	38
130	Altered Regulation of KIAA0566, and Katanin Signaling Expression in the Locus Coeruleus With Neurofibrillary Tangle Pathology. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 131.	1.8	13
131	Hemoglobin mRNA Changes in the Frontal Cortex of Patients with Neurodegenerative Diseases. <i>Frontiers in Neuroscience</i> , 2018, 12, 8.	1.4	26
132	Altered gene transcription linked to astrocytes and oligodendrocytes in frontal cortex in Creutzfeldt-Jakob disease. <i>Prion</i> , 2018, 12, 216-225.	0.9	13
133	Aberrant regulation of the $\text{GSK}\beta/\text{NRF}2$ axis unveils a novel therapy for adrenoleukodystrophy. <i>EMBO Molecular Medicine</i> , 2018, 10, .	3.3	35
134	PM20D1 is a quantitative trait locus associated with Alzheimer's disease. <i>Nature Medicine</i> , 2018, 24, 598-603.	15.2	73
135	Sporadic Creutzfeldt-Jakob disease with glial PrP ^{Res} nuclear and perinuclear immunoreactivity. <i>Neuropathology</i> , 2018, 38, 561-567.	0.7	3
136	Genetic deletion of CB1 cannabinoid receptors exacerbates the Alzheimer-like symptoms in a transgenic animal model. <i>Biochemical Pharmacology</i> , 2018, 157, 210-216.	2.0	32
137	The human brainome: network analysis identifies HSPA2 as a novel Alzheimer's disease target. <i>Brain</i> , 2018, 141, 2721-2739.	3.7	31
138	Cannabinoid pharmacology/therapeutics in chronic degenerative disorders affecting the central nervous system. <i>Biochemical Pharmacology</i> , 2018, 157, 67-84.	2.0	75
139	Cryptic exon splicing function of TARDBP interacts with autophagy in nervous tissue. <i>Autophagy</i> , 2018, 14, 1398-1403.	4.3	39
140	Cytoskeleton-Associated Risk Modifiers Involved in Early and Rapid Progression of Sporadic Creutzfeldt-Jakob Disease. <i>Molecular Neurobiology</i> , 2018, 55, 4009-4029.	1.9	11
141	Regional and subtype-dependent miRNA signatures in sporadic Creutzfeldt-Jakob disease are accompanied by alterations in miRNA silencing machinery and biogenesis. <i>PLoS Pathogens</i> , 2018, 14, e1006802.	2.1	26
142	Strain-Specific Altered Regulatory Response of Rab7a and Tau in Creutzfeldt-Jakob Disease and Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2017, 54, 697-709.	1.9	23
143	Hereditary Human Prion Diseases: an Update. <i>Molecular Neurobiology</i> , 2017, 54, 4138-4149.	1.9	69
144	Inflammation in Lafora Disease: Evolution with Disease Progression in Laforin and Malin Knock-out Mouse Models. <i>Molecular Neurobiology</i> , 2017, 54, 3119-3130.	1.9	53

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145	Fatal familial insomnia: mitochondrial and protein synthesis machinery decline in the mediodorsal thalamus. <i>Brain Pathology</i> , 2017, 27, 95-106.	2.1	26
146	DNA Methylation Profiles of Selected Pro-Inflammatory Cytokines in Alzheimer Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, nlw099.	0.9	44
147	Whole genome grey and white matter DNA methylation profiles in dorsolateral prefrontal cortex. <i>Synapse</i> , 2017, 71, e21959.	0.6	13
148	Locus coeruleus at asymptomatic early and middle Braak stages of neurofibrillary tangle pathology. <i>Neuropathology and Applied Neurobiology</i> , 2017, 43, 373-392.	1.8	72
149	Region-specific vulnerability to lipid peroxidation and evidence of neuronal mechanisms for polyunsaturated fatty acid biosynthesis in the healthy adult human central nervous system. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 485-495.	1.2	49
150	Imaging mass spectrometry (IMS) of cortical lipids from preclinical to severe stages of Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 1604-1614.	1.4	52
151	Biomonitorization of iron accumulation in the substantia nigra from Lewy body disease patients. <i>Toxicology Reports</i> , 2017, 4, 188-193.	1.6	20
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