Richard L Faull

List of Publications by Year
in descending order

295 papers	24,633 citations	6486 82 h-index	10679 143 g-index
307 all docs	307 docs citations	307 times ranked	28530 citing authors

#	Article	IF	Citations
1	Identifying Neural Progenitor Cells in the Adult Human Brain. Methods in Molecular Biology, 2022, 2389, 125-154.	0.4	2
2	Lamina-specific immunohistochemical signatures in the olfactory bulb of healthy, Alzheimerâ€™s and Parkinsonâ€™s disease patients. Communications Biology, 2022, 5, 88.	2.0	16
3	iGluR expression in the hippocampal formation, entorhinal cortex, and superior temporal gyrus in Alzheimerâ€™s disease. Neural Regeneration Research, 2022, 17, 2197.	1.6	0
4	Characterization of volumetric growth of intracranial meningiomas in MÄori and Pasifika populations in New Zealand. ANZ Journal of Surgery, 2022, , .	0.3	0
5	Neutrophil-vascular interactions drive myeloperoxidase accumulation in the brain in Alzheimerâ€™s disease. Acta Neuropathologica Communications, 2022, 10, 38.	2.4	42
6	Characterisation of PDGF-BB:PDGFRÎ² signalling pathways in human brain pericytes: evidence of disruption in Alzheimerâ€™s disease. Communications Biology, 2022, 5, 235.	2.0	20
7	Beta-Amyloid (AÎ²1-42) Increases the Expression of NKCC1 in the Mouse Hippocampus. Molecules, 2022, 27, 2440.	1.7	9
8	Current and Possible Future Therapeutic Options for Huntingtonâ€™s Disease. Journal of Central Nervous System Disease, 2022, 14, 117957352210925.	0.7	25
9	Neuroprotective Effect of Caffeine in Alzheimerâ€™s Disease. Molecules, 2022, 27, 3737.	1.7	12
10	Neuroimaging and neuropathology studies of X-linked dystonia parkinsonism. Neurobiology of Disease, 2021, 148, 105186.	2.1	18
11	Promise and challenges of dystonia brain banking: establishing a human tissue repository for studies of X-Linked Dystonia-Parkinsonism. Journal of Neural Transmission, 2021, 128, 575-587.	1.4	4
12	The effects of amyloid-beta on hippocampal glutamatergic receptor and transporter expression. Neural Regeneration Research, 2021, 16, 1399.	1.6	6
13	Therapeutic potential of alpha 5 subunit containing GABA_A receptors in Alzheimerâ€™s disease. Neural Regeneration Research, 2021, 16, 1550.	1.6	4
14	Cardiac glycosides target barrier inflammation of the vasculature, meninges and choroid plexus. Communications Biology, 2021, 4, 260.	2.0	18
15	fISHing with immunohistochemistry for housekeeping gene changes in Alzheimerâ€™s disease using an automated quantitative analysis workflow. Journal of Neurochemistry, 2021, 157, 1270-1283.	2.1	5
16	Preparation, construction and high-throughput automated analysis of human brain tissue microarrays for neurodegenerative disease drug development. Nature Protocols, 2021, 16, 2308-2343.	5.5	9
17	An imaging mass spectrometry atlas of lipids in the human neurologically normal and Huntingtonâ€™s disease caudate nucleus. Journal of Neurochemistry, 2021, 157, 2158-2172.	2.1	18
18	The autocrine regulation of insulin-like growth factor-1 in human brain of Alzheimerâ€™s disease. Psychoneuroendocrinology, 2021, 127, 105191.	1.3	5

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19	Glutamatergic receptor expression changes in the Alzheimer's disease hippocampus and entorhinal cortex. Brain Pathology, 2021, 31, e13005.	2.1	23
20	Blood-spinal cord barrier leakage is independent of motor neuron pathology in ALS. Acta Neuropathologica Communications, 2021, 9, 144.	2.4	24
21	A Multi-Omic Huntingtonâ€™s Disease Transgenic Sheep-Model Database for Investigating Disease Pathogenesis. Journal of Huntington's Disease, 2021, 10, 423-434.	0.9	6
22	EAAT2 Expression in the Hippocampus, Subiculum, Entorhinal Cortex and Superior Temporal Gyrus in Alzheimerâ€™s Disease. Frontiers in Cellular Neuroscience, 2021, 15, 702824.	1.8	8
23	Single-cell image analysis reveals a protective role for microglia in glioblastoma. Neuro-Oncology Advances, 2021, 3, vdab031.	0.4	22
24	RNA Quality in Post-mortem Human Brain Tissue Is Affected by Alzheimerâ€™s Disease. Frontiers in Molecular Neuroscience, 2021, 14, 780352.	1.4	8
25	The Acute Effects of Amyloid-Beta1â€“42 on Glutamatergic Receptor and Transporter Expression in the Mouse Hippocampus. Frontiers in Neuroscience, 2020, 13, 1427.	1.4	27
26	Huntingtin Aggregates in the Olfactory Bulb in Huntingtonâ€™s Disease. Frontiers in Aging Neuroscience, 2020, 12, 261.	1.7	16
27	Inconsistencies in histone acetylation patterns among different HD model systems and HD post-mortem brains. Neurobiology of Disease, 2020, 146, 105092.	2.1	5
28	Identification of a dysfunctional microglial population in human Alzheimerâ€™s disease cortex using novel single-cell histology image analysis. Acta Neuropathologica Communications, 2020, 8, 170.	2.4	47
29	The unfolded protein response is activated in the olfactory system in Alzheimerâ€™s disease. Acta Neuropathologica Communications, 2020, 8, 109.	2.4	22
30	Impaired Expression of GABA Signaling Components in the Alzheimerâ€™s Disease Middle Temporal Gyrus. International Journal of Molecular Sciences, 2020, 21, 8704.	1.8	34
31	Quantitative immunohistochemical analysis of myeloid cell marker expression in human cortex captures microglia heterogeneity with anatomical context. Scientific Reports, 2020, 10, 11693.	1.6	33
32	Isolation and culture of functional adult human neurons from neurosurgical brain specimens. Brain Communications, 2020, 2, fcaa171.	1.5	13
33	Cerebral deficiency of vitamin B5 (d-pantothenic acid; pantothenate) as a potentially-reversible cause of neurodegeneration and dementia in sporadic Alzheimerâ€™s disease. Biochemical and Biophysical Research Communications, 2020, 527, 676-681.	1.0	49
34	Amyloidâ€beta_{1â€“42} induced glutamatergic receptor and transporter expression changes in the mouse hippocampus. Journal of Neurochemistry, 2020, 155, 62-80.	2.1	17
35	ALS/FTD mutations in UBQLN2 impede autophagy by reducing autophagosome acidification through loss of function. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15230-15241.	3.3	53
36	Amyloid-Beta1-42 -Induced Increase in GABAergic Tonic Conductance in Mouse Hippocampal CA1 Pyramidal Cells. Molecules, 2020, 25, 693.	1.7	15

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37	Î±-synuclein inclusions are abundant in non-neuronal cells in the anterior olfactory nucleus of the Parkinsonâ€™s disease olfactory bulb. Scientific Reports, 2020, 10, 6682.	1.6	42
38	TBK1 phosphorylates mutant Huntingtin and suppresses its aggregation and toxicity in Huntington's disease models. EMBO Journal, 2020, 39, e104671.	3.5	34
39	Vascular dysfunction in Alzheimerâ€™s disease: a biomarker of disease progression and a potential therapeutic target. Neural Regeneration Research, 2020, 15, 1030.	1.6	15
40	Cerebral Vitamin B5 (D-Pantothenic Acid) Deficiency as a Potential Cause of Metabolic Perturbation and Neurodegeneration in Huntingtonâ€™s Disease. Metabolites, 2019, 9, 113.	1.3	47
41	The Role of Microglia and Astrocytes in Huntingtonâ€™s Disease. Frontiers in Molecular Neuroscience, 2019, 12, 258.	1.4	128
42	Altered microglia and neurovasculature in the Alzheimer's disease cerebellum. Neurobiology of Disease, 2019, 132, 104589.	2.1	36
43	Chemical neuroanatomy of the substantia nigra in the ovine brain. Journal of Chemical Neuroanatomy, 2019, 97, 43-56.	1.0	9
44	<i>Porphyromonas gingivalis</i> in Alzheimerâ€™s disease brains: Evidence for disease causation and treatment with small-molecule inhibitors. Science Advances, 2019, 5, eaau3333.	4.7	1,152
45	Regional protein expression in human Alzheimerâ€™s brain correlates with disease severity. Communications Biology, 2019, 2, 43.	2.0	136
46	Vascular Dysfunction in Alzheimerâ€™s Disease: A Prelude to the Pathological Process or a Consequence of It?. Journal of Clinical Medicine, 2019, 8, 651.	1.0	131
47	Cell-Type-Specific Gene Expression Profiling in Adult Mouse Brain Reveals Normal and Disease-State Signatures. Cell Reports, 2019, 26, 2477-2493.e9.	2.9	55
48	Sex- and age-related changes in GABA signaling components in the human cortex. Biology of Sex Differences, 2019, 10, 5.	1.8	60
49	Cerebellar degeneration correlates with motor symptoms in Huntington disease. Annals of Neurology, 2019, 85, 396-405.	2.8	37
50	GABA_AReceptors Are Well Preserved in the Hippocampus of Aged Mice. ENeuro, 2019, 6, ENEURO.0496-18.2019.	0.9	22
51	<scp>GABA_A</scp> receptor subunit expression changes in the human Alzheimer's disease hippocampus, subiculum, entorhinal cortex and superior temporal gyrus. Journal of Neurochemistry, 2018, 145, 374-392.	2.1	70
52	Differential Fatty Acid-Binding Protein Expression in Persistent Radial Glia in the Human and Sheep Subventricular Zone. Developmental Neuroscience, 2018, 40, 145-161.	1.0	10
53	The GABAergic system as a therapeutic target for Alzheimer's disease. Journal of Neurochemistry, 2018, 146, 649-669.	2.1	113
54	Layer-specific lipid signatures in the human subventricular zone demonstrated by imaging mass spectrometry. Scientific Reports, 2018, 8, 2551.	1.6	18

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55	Neurochemical Characterization of PSA-NCAM + Cells in the Human Brain and Phenotypic Quantification in Alzheimerâ€™s Disease Entorhinal Cortex. Neuroscience, 2018, 372, 289-303.	1.1	24
56	Modelling physiological and pathological conditions to study pericyte biology in brain function and dysfunction. BMC Neuroscience, 2018, 19, 6.	0.8	17
57	TMIC-21. THE POTENTIAL CONTRIBUTION OF PERICYTES TO GLIOBLASTOMA MULTIFORME TUMOUR MICRO-ENVIRONMENT IMMUNOSUPPRESSION VIA DAMPENED EXPRESSION OF ICAM-1, VCAM-1 AND MCP-1. Neuro-Oncology, 2018, 20, vi260-vi260.	0.6	0
58	Subventricular zone lipidomic architecture loss in Huntington's disease. Journal of Neurochemistry, 2018, 146, 613-630.	2.1	34
59	Unique and shared inflammatory profiles of human brain endothelia and pericytes. Journal of Neuroinflammation, 2018, 15, 138.	3.1	83
60	PU.1 regulates Alzheimerâ€™s disease-associated genes in primary human microglia. Molecular Neurodegeneration, 2018, 13, 44.	4.4	111
61	Stereological Methods to Quantify Cell Loss in the Huntingtonâ€™s Disease Human Brain. Methods in Molecular Biology, 2018, 1780, 1-16.	0.4	1
62	Markers for human brain pericytes and smooth muscle cells. Journal of Chemical Neuroanatomy, 2018, 92, 48-60.	1.0	169
63	Gamma-aminobutyric acid A receptors in Alzheimer's disease: highly localized remodeling of a complex and diverse signaling pathway. Neural Regeneration Research, 2018, 13, 1362.	1.6	36
64	Î±-synuclein transfer through tunneling nanotubes occurs in SH-SY5Y cells and primary brain pericytes from Parkinsonâ€™s disease patients. Scientific Reports, 2017, 7, 42984.	1.6	112
65	The pathogenic exon 1 HTT protein is produced by incomplete splicing in Huntingtonâ€™s disease patients. Scientific Reports, 2017, 7, 1307.	1.6	150
66	Evidence for widespread, severe brain copper deficiency in Alzheimer's dementia. Metallomics, 2017, 9, 1106-1119.	1.0	74
67	Impaired expression of GABA transporters in the human Alzheimerâ€™s disease hippocampus, subiculum, entorhinal cortex and superior temporal gyrus. Neuroscience, 2017, 351, 108-118.	1.1	60
68	Insulin promotes cell migration by regulating PSA-NCAM. Experimental Cell Research, 2017, 355, 26-39.	1.2	5
69	A ventral glomerular deficit in Parkinsonâ€™s disease revealed by whole olfactory bulb reconstruction. Brain, 2017, 140, 2722-2736.	3.7	53
70	Metal concentrations and distributions in the human olfactory bulb in Parkinsonâ€™s disease. Scientific Reports, 2017, 7, 10454.	1.6	31
71	Alzheimer's disease markers in the aged sheep (Ovis aries). Neurobiology of Aging, 2017, 58, 112-119.	1.5	30
72	Brain urea increase is an early Huntingtonâ€™s disease pathogenic event observed in a prodromal transgenic sheep model and HD cases. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E11293-E11302.	3.3	78

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73	The Complexity of Clinical Huntingtonâ€™s Disease: Developments in Molecular Genetics, Neuropathology and Neuroimaging Biomarkers. Advances in Neurobiology, 2017, 15, 129-161.	1.3	9
74	C9ORF72 and UBQLN2 mutations are causes of amyotrophic lateral sclerosis in New Zealand: a genetic and pathologic study using banked human brain tissue. Neurobiology of Aging, 2017, 49, 214.e1-214.e5.	1.5	18
75	Endothelial Degeneration of Parkinson's Disease is Related to Alpha-Synuclein Aggregation. , 2017, 7, .		11
76	Towards a Better Understanding of GABAergic Remodeling in Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2017, 18, 1813.	1.8	139
77	Effect of post-mortem delay on N-terminal huntingtin protein fragments in human control and Huntington disease brain lysates. PLoS ONE, 2017, 12, e0178556.	1.1	2
78	Huntington's disease accelerates epigenetic aging of human brain and disrupts DNA methylation levels. Aging, 2016, 8, 1485-1512.	1.4	192
79	Effect of Estradiol on Neurotrophin Receptors in Basal Forebrain Cholinergic Neurons: Relevance for Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2016, 17, 2122.	1.8	29
80	B4â€...Detection of the aberrantly spliced exon 1 â€" intron 1 htt mRNA in HD patient post mortem brain tissue and fibroblast lines. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, A10.2-A10.	0.9	0
81	Globus pallidus degeneration and clinicopathological features of Huntington disease. Annals of Neurology, 2016, 80, 185-201.	2.8	24
82	Transcriptome sequencing reveals aberrant alternative splicing in Huntington's disease. Human Molecular Genetics, 2016, 25, 3454-3466.	1.4	102
83	Cultured pericytes from human brain show phenotypic and functional differences associated with differential CD90 expression. Scientific Reports, 2016, 6, 26587.	1.6	38
84	Interferon-Î³ blocks signalling through PDGFRÎ² in human brain pericytes. Journal of Neuroinflammation, 2016, 13, 249.	3.1	28
85	Comparison of Huntingtonâ€™s disease CAG Repeat Length Stability in Human Motor Cortex and Cingulate Gyrus. Journal of Huntington's Disease, 2016, 5, 297-301.	0.9	5
86	Isolation of highly enriched primary human microglia for functional studies. Scientific Reports, 2016, 6, 19371.	1.6	67
87	Elevation of brain glucose and polyol-pathway intermediates with accompanying brain-copper deficiency in patients with Alzheimerâ€™s disease: metabolic basis for dementia. Scientific Reports, 2016, 6, 27524.	1.6	68
88	P1â€•149: Urea Cycle Enzymes and Peptidylarginine Deiminase in Alzheimerâ€™s Superior Frontal Gyrus. Alzheimer's and Dementia, 2016, 12, P460.	0.4	3
89	Symptom heterogeneity in Huntington's disease correlates with neuronal degeneration in the cerebral cortex. Neurobiology of Disease, 2016, 96, 67-74.	2.1	58
90	The role of the human globus pallidus in <scp>H</scp>untington's disease. Brain Pathology, 2016, 26, 741-751.	2.1	25

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91	Hippocampal lipid differences in Alzheimer's disease: a human brain study using matrixâ€assisted laser desorption/ionizationâ€imaging mass spectrometry. Brain and Behavior, 2016, 6, e00517.	1.0	33
92	Metabolic disruption identified in the Huntingtonâ€™s disease transgenic sheep model. Scientific Reports, 2016, 6, 20681.	1.6	52
93	Epigenetic Regulation of Tissue-Type Plasminogen Activator in Human Brain Tissue and Brain-Derived Cells. Gene Regulation and Systems Biology, 2016, 10, GRSB.S30241.	2.3	2
94	TGF-beta1 regulates human brain pericyte inflammatory processes involved in neurovasculature function. Journal of Neuroinflammation, 2016, 13, 37.	3.1	136
95	Distribution of PSA-NCAM in normal, Alzheimerâ€™s and Parkinsonâ€™s disease human brain. Neuroscience, 2016, 330, 359-375.	1.1	43
96	Mapping the calcitonin receptor in human brain stem. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R788-R793.	0.9	26
97	Metabolite mapping reveals severe widespread perturbation of multiple metabolic processes in Huntington's disease human brain. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 1650-1662.	1.8	38
98	Graded perturbations of metabolism in multiple regions of human brain in Alzheimer's disease: Snapshot of a pervasive metabolic disorder. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 1084-1092.	1.8	118
99	Studying Human Brain Inflammation in Leptomeningeal and Choroid Plexus Explant Cultures. Neurochemical Research, 2016, 41, 579-588.	1.6	12
100	P4-032: Microrna regulation of human brain pericytes. , 2015, 11, P777-P778.		0
101	Distribution of the creatine transporter throughout the human brain reveals a spectrum of creatine transporter immunoreactivity. Journal of Comparative Neurology, 2015, 523, Spc1-Spc1.	0.9	1
102	An anti-inflammatory role for C/EBPÎ´ in human brain pericytes. Scientific Reports, 2015, 5, 12132.	1.6	45
103	String Vessel Formation is Increased in the Brain of Parkinson Disease. Journal of Parkinson's Disease, 2015, 5, 821-836.	1.5	40
104	P4-017: Arginine decarboxylase and agmatinase immunoreactivity in Alzheimer's superior frontal gyrus. , 2015, 11, P773-P773.		3
105	Making (anti-) sense out of huntingtin levels in Huntington disease. Molecular Neurodegeneration, 2015, 10, 21.	4.4	20
106	Disrupted vasculature and bloodâ€“brain barrier in <scp>H</scp>untington disease. Annals of Neurology, 2015, 78, 158-159.	2.8	7
107	Distribution of the creatine transporter throughout the human brain reveals a spectrum of creatine transporter immunoreactivity. Journal of Comparative Neurology, 2015, 523, 699-725.	0.9	37
108	The RAGE receptor and its ligands are highly expressed in astrocytes in a gradeâ€dependant manner in the striatum and subependymal layer in Huntington's disease. Journal of Neurochemistry, 2015, 134, 927-942.	2.1	30

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109	Identification of elevated urea as a severe, ubiquitous metabolic defect in the brain of patients with Huntington's disease. Biochemical and Biophysical Research Communications, 2015, 468, 161-166.	1.0	61
110	The Diversity of GABAA Receptor Subunit Distribution in the Normal and Huntington's Disease Human Brain1. Advances in Pharmacology, 2015, 73, 223-264.	1.2	27
111	Stroke Awareness and Knowledge in an Urban New Zealand Population. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, 1153-1162.	0.7	11
112	Assessing fibrinogen extravasation into Alzheimer's disease brain using high-content screening of brain tissue microarrays. Journal of Neuroscience Methods, 2015, 247, 41-49.	1.3	23
113	Increased acetyl and total histone levels in post-mortem Alzheimer's disease brain. Neurobiology of Disease, 2015, 74, 281-294.	2.1	112
114	Cortical interneuron loss and symptom heterogeneity in Huntington disease. Annals of Neurology, 2014, 75, 717-727.	2.8	59
115	The Neuropathology of Huntingtonâ€™s Disease. Current Topics in Behavioral Neurosciences, 2014, 22, 33-80.	0.8	189
116	Targeting ATM ameliorates mutant Huntingtin toxicity in cell and animal models of Huntingtonâ€™s disease. Science Translational Medicine, 2014, 6, 268ra178.	5.8	103
117	A role for human brain pericytes in neuroinflammation. Journal of Neuroinflammation, 2014, 11, 104.	3.1	125
118	Global changes in DNA methylation and hydroxymethylation in Alzheimer's disease human brain. Neurobiology of Aging, 2014, 35, 1334-1344.	1.5	300
119	Early and progressive circadian abnormalities in Huntington's disease sheep are unmasked by social environment. Human Molecular Genetics, 2014, 23, 3375-3383.	1.4	78
120	Cannabinoid receptor CB2 is expressed on vascular cells, but not astroglial cells in the post-mortem human Huntington's disease brain. Journal of Chemical Neuroanatomy, 2014, 59-60, 62-71.	1.0	31
121	Altered arginine metabolism in Alzheimer's disease brains. Neurobiology of Aging, 2014, 35, 1992-2003.	1.5	148
122	Widespread Heterogeneous Neuronal Loss Across the Cerebral Cortex in Huntington's Disease. Journal of Huntington's Disease, 2014, 3, 45-64.	0.9	54
123	Neuropathology in the Human Brain. , 2014, , .		3
124	Increased Precursor Cell Proliferation after Deep Brain Stimulation for Parkinson's Disease: A Human Study. PLoS ONE, 2014, 9, e88770.	1.1	47
125	Isolation and Culture of Adult Human Microglia Within Mixed Glial Cultures for Functional Experimentation and High-Content Analysis. Methods in Molecular Biology, 2013, 1041, 41-51.	0.4	14
126	P2-002: Altered arginine metabolism in the Alzheimer's hippocampus. , 2013, 9, P346-P346.		0

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127	M-CSF increases proliferation and phagocytosis while modulating receptor and transcription factor expression in adult human microglia. Journal of Neuroinflammation, 2013, 10, 85.	3.1	85
128	Dynamic changes in myelin aberrations and oligodendrocyte generation in chronic amyloidosis in mice and men. Glia, 2013, 61, 273-286.	2.5	155
129	GABAA receptor characterization and subunit localization in the human sub ventricular zone. Journal of Chemical Neuroanatomy, 2013, 52, 58-68.	1.0	8
130	Dissociated Expression of Mitochondrial and Cytosolic Creatine Kinases in the Human Brain: A New Perspective on the Role of Creatine in Brain Energy Metabolism. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1295-1306.	2.4	42
131	The transcription factor PU.1 is critical for viability and function of human brain microglia. Glia, 2013, 61, 929-942.	2.5	95
132	Aberrant splicing of <i>HTT</i> generates the pathogenic exon 1 protein in Huntington disease. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2366-2370.	3.3	415
133	Striatal parvalbuminergic neurons are lost in Huntington's disease: implications for dystonia. Movement Disorders, 2013, 28, 1691-1699.	2.2	85
134	Further Molecular Characterisation of the OVT73 Transgenic Sheep Model of Huntington's Disease Identifies Cortical Aggregates. Journal of Huntington's Disease, 2013, 2, 279-295.	0.9	47
135	Recovery of Neurological Functions in Non-Human Primate Model of Parkinson's Disease by Transplantation of Encapsulated Neonatal Porcine Choroid Plexus Cells. Journal of Parkinson's Disease, 2013, 3, 275-291.	1.5	29
136	Proteomic Analysis of the Human Brain in Huntington's Disease Indicates Pathogenesis by Molecular Processes Linked to other Neurodegenerative Diseases and to Type-2 Diabetes. Journal of Huntington's Disease, 2013, 2, 89-99.	0.9	22
137	Increased Steady-State Mutant Huntingtin mRNA in Huntington's Disease Brain. Journal of Huntington's Disease, 2013, 2, 491-500.	0.9	12
138	Adult Human Glia, Pericytes and Meningeal Fibroblasts Respond Similarly to IFNy but Not to TGFÎ²1 or M-CSF. PLoS ONE, 2013, 8, e80463.	1.1	37
139	Insulin and <scp>IGF</scp>1 modulate turnover of polysialylated neural cell adhesion molecule (<scp>PSA</scp>â€"<scp>NCAM</scp>) in a process involving specific extracellular matrix components. Journal of Neurochemistry, 2013, 126, 758-770.	2.1	25
140	Identifying Neural Progenitor Cells in the Adult Human Brain. Methods in Molecular Biology, 2013, 1059, 195-225.	0.4	3
141	New Perspectives on the Neuropathology in Huntington's Disease in the Human Brain and its Relation to Symptom Variation. Journal of Huntington's Disease, 2012, 1, 143-153.	0.9	39
142	Selective Neurodegeneration, Neuropathology and Symptom Profiles in Huntingtonâ€™s Disease. Advances in Experimental Medicine and Biology, 2012, 769, 141-152.	0.8	20
143	Complex reorganization and predominant non-homologous repair following chromosomal breakage in karyotypically balanced germline rearrangements and transgenic integration. Nature Genetics, 2012, 44, 390-397.	9.4	229
144	Adult Human Brain Neural Progenitor Cells (NPCs) and Fibroblast-Like Cells Have Similar Properties In Vitro but Only NPCs Differentiate into Neurons. PLoS ONE, 2012, 7, e37742.	1.1	43

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145	Neurogenesis and progenitor cells in the adult human brain: A comparison between hippocampal and subventricular progenitor proliferation. Developmental Neurobiology, 2012, 72, 990-1005.	1.5	101
146	A method for generating high-yield enriched neuronal cultures from P19 embryonal carcinoma cells. Journal of Neuroscience Methods, 2012, 204, 87-103.	1.3	27
147	Fragments of HdhQ150 Mutant Huntingtin Form a Soluble Oligomer Pool That Declines with Aggregate Deposition upon Aging. PLoS ONE, 2012, 7, e44457.	1.1	21
148	Population-specific expression analysis (PSEA) reveals molecular changes in diseased brain. Nature Methods, 2011, 8, 945-947.	9.0	182
149	No change in progenitor cell proliferation in the hippocampus in Huntington's disease. Neuroscience, 2011, 199, 577-588.	1.1	30
150	Allelic imbalance of tissue-type plasminogen activator (t-PA) gene expression in human brain tissue. Thrombosis and Haemostasis, 2011, 105, 945-953.	1.8	8
151	Neurogenesis in humans. European Journal of Neuroscience, 2011, 33, 1170-1174.	1.2	69
152	Valproic acid induces microglial dysfunction, not apoptosis, in human glial cultures. Neurobiology of Disease, 2011, 41, 96-103.	2.1	46
153	Up-regulation of the isoenzymes MAO-A and MAO-B in the human basal ganglia and pons in Huntington's disease revealed by quantitative enzyme radioautography. Brain Research, 2011, 1370, 204-214.	1.1	25
154	Decreased Lin7b Expression in Layer 5 Pyramidal Neurons May Contribute to Impaired Corticostriatal Connectivity in Huntington Disease. Journal of Neuropathology and Experimental Neurology, 2010, 69, 880-895.	0.9	18
155	ABC efflux transporters in brain vasculature of Alzheimer's subjects. Brain Research, 2010, 1358, 228-238.	1.1	112
156	Altered distribution of mGlu2 receptors in Î²-amyloid-affected brain regions of Alzheimer cases and aged PS2APP mice. Brain Research, 2010, 1363, 180-190.	1.1	17
157	An ovine transgenic Huntington's disease model. Human Molecular Genetics, 2010, 19, 1873-1882.	1.4	166
158	Cleavage at the 586 Amino Acid Caspase-6 Site in Mutant huntingtin Influences Caspase-6 Activation<i>In Vivo</i>. Journal of Neuroscience, 2010, 30, 15019-15029.	1.7	94
159	Cell loss in the motor and cingulate cortex correlates with symptomatology in Huntingtonâ€™s disease. Brain, 2010, 133, 1094-1110.	3.7	188
160	Neurotransmitter Receptors in the Basal Ganglia. Handbook of Behavioral Neuroscience, 2010, , 75-96.	0.7	4
161	Localisation of glycine receptors in the human forebrain, brainstem, and cervical spinal cord: an immunohistochemical review. Frontiers in Molecular Neuroscience, 2009, 2, 25.	1.4	54
162	The rostral migratory stream and olfactory system: smell, disease and slippery cells. Progress in Brain Research, 2009, 175, 33-42.	0.9	17

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163	Paradoxical delay in the onset of disease caused by super-long CAG repeat expansions in R6/2 mice. Neurobiology of Disease, 2009, 33, 331-341.	2.1	114
164	High-throughput quantification of Alzheimerâ€™s disease pathological markers in the post-mortem human brain. Journal of Neuroscience Methods, 2009, 176, 298-309.	1.3	9
165	The cellular composition and morphological organization of the rostral migratory stream in the adult human brain. Journal of Chemical Neuroanatomy, 2009, 37, 196-205.	1.0	89
166	Distinct neuroinflammatory profile in post-mortem human Huntington's disease. NeuroReport, 2009, 20, 1098-1103.	0.6	159
167	The Cellular Localisation of GABAA and Glycine Receptors in the Human Basal Ganglia. Advances in Behavioral Biology, 2009, , 225-237.	0.2	0
168	Glutamate Uptake is Reduced in Prefrontal Cortex in Huntingtonâ€™s Disease. Neurochemical Research, 2008, 33, 232-237.	1.6	118
169	Characterization of [3H]Quisqualate Binding to Recombinant Rat Metabotropic Glutamate 1a and 5a Receptors and to Rat and Human Brain Sections. Journal of Neurochemistry, 2008, 75, 2590-2601.	2.1	55
170	Doublecortin expression in the normal and epileptic adult human brain. European Journal of Neuroscience, 2008, 28, 2254-2265.	1.2	94
171	Assessing RNA quality in postmortem human brain tissue. Experimental and Molecular Pathology, 2008, 84, 71-77.	0.9	46
172	DNA instability in postmitotic neurons. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3467-3472.	3.3	184
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