Sebastian Brandner

List of Publications by Year
in descending order

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229 papers	15,845 citations	18436 62 h-index	19690 117 g-index
234 all docs	234 docs citations	234 times ranked	19902 citing authors

#	Article	IF	Citations
1	Normal host prion protein necessary for scrapie-induced neurotoxicity. Nature, 1996, 379, 339-343.	13.7	756
2	Mutations in the endosomal ESCRTIII-complex subunit CHMP2B in frontotemporal dementia. Nature Genetics, 2005, 37, 806-808.	9.4	752
3	Depleting Neuronal PrP in Prion Infection Prevents Disease and Reverses Spongiosis. Science, 2003, 302, 871-874.	6.0	673
4	Expression of Amino-Terminally Truncated PrP in the Mouse Leading to Ataxia and Specific Cerebellar Lesions. Cell, 1998, 93, 203-214.	13.5	506
5	Monoclonal antibodies inhibit prion replication and delay the development of prion disease. Nature, 2003, 422, 80-83.	13.7	457
6	Evidence for human transmission of amyloid-Î² pathology and cerebral amyloid angiopathy. Nature, 2015, 525, 247-250.	13.7	418
7	An Aneuploid Mouse Strain Carrying Human Chromosome 21 with Down Syndrome Phenotypes. Science, 2005, 309, 2033-2037.	6.0	390
8	Clinical presentation and pre-mortem diagnosis of variant Creutzfeldt-Jakob disease associated with blood transfusion: a case report. Lancet, The, 2006, 368, 2061-2067.	6.3	374
9	Neuroprotective Role of the Reaper-Related Serine Protease HtrA2/Omi Revealed by Targeted Deletion in Mice. Molecular and Cellular Biology, 2004, 24, 9848-9862.	1.1	367
10	Shared Allelic Losses on Chromosomes 1p and 19q Suggest a Common Origin of Oligodendroglioma and Oligoastrocytoma. Journal of Neuropathology and Experimental Neurology, 1995, 54, 91-95.	0.9	306
11	Earlyâ€onset Lâ€dopaâ€responsive parkinsonism with pyramidal signs due to ATP13A2, PLA2G6, FBXO7 and spatacsin mutations. Movement Disorders, 2010, 25, 1791-1800.	2.2	287
12	Mitochondria and Quality Control Defects in a Mouse Model of Gaucher Diseaseâ€"Links to Parkinsonâ€™s Disease. Cell Metabolism, 2013, 17, 941-953.	7.2	277
13	PrP-expressing tissue required for transfer of scrapie infectivity from spleen to brain. Nature, 1997, 389, 69-73.	13.7	251
14	Human Prion Protein with Valine 129 Prevents Expression of Variant CJD Phenotype. Science, 2004, 306, 1793-1796.	6.0	246
15	Targeting Cellular Prion Protein Reverses Early Cognitive Deficits and Neurophysiological Dysfunction in Prion-Infected Mice. Neuron, 2007, 53, 325-335.	3.8	246
16	Prevalent abnormal prion protein in human appendixes after bovine spongiform encephalopathy epizootic: large scale survey. BMJ, The, 2013, 347, f5675-f5675.	3.0	246
17	Adult IDH wild type astrocytomas biologically and clinically resolve into other tumor entities. Acta Neuropathologica, 2015, 130, 407-417.	3.9	237
18	Combinations of genetic mutations in the adult neural stem cell compartment determine brain tumour phenotypes. EMBO Journal, 2010, 29, 222-235.	3.5	192

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19	H3.3K27M Cooperates with Trp53 Loss and PDGFRA Gain in Mouse Embryonic Neural Progenitor Cells to Induce Invasive High-Grade Gliomas. Cancer Cell, 2017, 32, 684-700.e9.	7.7	192
20	Neonatal hepatic steatosis by disruption of the adenosine kinase gene. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6985-6990.	3.3	190
21	Single treatment with RNAi against prion protein rescues early neuronal dysfunction and prolongs survival in mice with prion disease. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10238-10243.	3.3	174
22	Genetic and phenotypic characterization of complex hereditary spastic paraplegia. Brain, 2016, 139, 1904-1918.	3.7	170
23	PTEN is essential for cell migration but not for fate determination and tumourigenesis in the cerebellum. Development (Cambridge), 2002, 129, 3513-3522.	1.2	164
24	Disruption of endocytic trafficking in frontotemporal dementia with CHMP2B mutations. Human Molecular Genetics, 2010, 19, 2228-2238.	1.4	163
25	Fbw7 controls neural stem cell differentiation and progenitor apoptosis via Notch and c-Jun. Nature Neuroscience, 2010, 13, 1365-1372.	7.1	158
26	Porphobilinogen deaminase deficiency in mice causes a neuropathy resembling that of human hepatic porphyria. Nature Genetics, 1996, 12, 195-199.	9.4	156
27	White matter perivascular spaces. Neurology, 2014, 82, 57-62.	1.5	151
28	A naturally occurring variant of the human prion protein completely prevents prion disease. Nature, 2015, 522, 478-481.	13.7	144
29	Treatable childhood neuronopathy caused by mutations in riboflavin transporter RFVT2. Brain, 2014, 137, 44-56.	3.7	143
30	High field (9.4 Tesla) magnetic resonance imaging of cortical grey matter lesions in multiple sclerosis. Brain, 2010, 133, 858-867.	3.7	138
31	Variant Creutzfeldtâ€“Jakob Disease in a Patient with Heterozygosity at PRNP Codon 129. New England Journal of Medicine, 2017, 376, 292-294.	13.9	127
32	ERK activation causes epilepsy by stimulating NMDA receptor activity. EMBO Journal, 2007, 26, 4891-4901.	3.5	126
33	Prion neuropathology follows the accumulation of alternate prion protein isoforms after infective titre has peaked. Nature Communications, 2014, 5, 4347.	5.8	126
34	One Hundred and One Dysembryoplastic Neuroepithelial Tumors: An Adult Epilepsy Series With Immunohistochemical, Molecular Genetic, and Clinical Correlations and a Review of the Literature. Journal of Neuropathology and Experimental Neurology, 2011, 70, 859-878.	0.9	125
35	Disease-related Prion Protein Forms Aggresomes in Neuronal Cells Leading to Caspase Activation and Apoptosis*. Journal of Biological Chemistry, 2005, 280, 38851-38861.	1.6	123
36	The driver landscape of sporadic chordoma. Nature Communications, 2017, 8, 890.	5.8	115

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37	A Novel Prion Disease Associated with Diarrhea and Autonomic Neuropathy. New England Journal of Medicine, 2013, 369, 1904-1914.	13.9	113
38	Wnt signalling inhibits neural differentiation of embryonic stem cells by controlling bone morphogenetic protein expression. Molecular and Cellular Neurosciences, 2003, 24, 696-708.	1.0	108
39	Chronic wasting disease prions are not transmissible to transgenic mice overexpressing human prion protein. Journal of General Virology, 2010, 91, 2651-2657.	1.3	106
40	Mitochondrial diseases represent a risk factor for valproate-induced fulminant liver failure. Liver International, 2000, 20, 346-348.	1.9	104
41	An enzymeâ€"detergent method for effective prion decontamination of surgical steel. Journal of General Virology, 2005, 86, 869-878.	1.3	103
42	Methylation array profiling of adult brain tumours: diagnostic outcomes in a large, single centre. Acta Neuropathologica Communications, 2019, 7, 24.	2.4	101
43	Integrated genomic and transcriptomic analysis of human brain metastases identifies alterations of potential clinical significance. Journal of Pathology, 2015, 237, 363-378.	2.1	98
44	Progressive neuronal inclusion formation and axonal degeneration in CHMP2B mutant transgenic mice. Brain, 2012, 135, 819-832.	3.7	97
45	Extended phenotypic spectrum of KIF5A mutations. Neurology, 2014, 83, 612-619.	1.5	92
46	Iatrogenic CJD due to pituitary-derived growth hormone with genetically determined incubation times of up to 40 years. Brain, 2015, 138, 3386-3399.	3.7	92
47	Phenotypic heterogeneity in inherited prion disease (P102L) is associated with differential propagation of protease-resistant wild-type and mutant prion protein. Brain, 2006, 129, 1557-1569.	3.7	91
48	An ENU-induced mutation in mouse glycyl-tRNA synthetase (GARS) causes peripheral sensory and motor phenotypes creating a model of Charcot-Marie-Tooth type 2D peripheral neuropathy. DMM Disease Models and Mechanisms, 2009, 2, 359-373.	1.2	91
49	Combined Thalidomide and Temozolomide Treatment in Patients with Glioblastoma Multiforme. Journal of Neuro-Oncology, 2004, 67, 191-200.	1.4	88
50	Microvascular injury and hypoxic damage: emerging neuropathological signatures in COVID-19. Acta Neuropathologica, 2020, 140, 397-400.	3.9	85
51	Tau, prions and AÎ²: the triad of neurodegeneration. Acta Neuropathologica, 2011, 121, 5-20.	3.9	84
52	Diagnostic, prognostic and predictive relevance of molecular markers in gliomas. Neuropathology and Applied Neurobiology, 2015, 41, 694-720.	1.8	83
53	Evidence of amyloid-Î² cerebral amyloid angiopathy transmission through neurosurgery. Acta Neuropathologica, 2018, 135, 671-679.	3.9	80
54	Truncating and Missense Mutations in IGHMBP2 Cause Charcot-Marie Tooth Disease Type 2. American Journal of Human Genetics, 2014, 95, 590-601.	2.6	75

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55	Suburothelial Myofibroblasts in the Human Overactive Bladder and the Effect of Botulinum Neurotoxin Type A Treatment. European Urology, 2009, 55, 1440-1449.	0.9	74
56	Histological yield, complications, and technological considerations in 114 consecutive frameless stereotactic biopsy procedures aided by open intraoperative magnetic resonance imaging. Journal of Neurosurgery, 2002, 97, 354-362.	0.9	71
57	Dissociation of pathological and molecular phenotype of variant Creutzfeldt-Jakob disease in transgenic human prion protein 129 heterozygous mice. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10759-10764.	3.3	68
58	Peripheral Administration of a Humanized Anti-PrP Antibody Blocks Alzheimer's Disease AÎ² Synaptotoxicity. Journal of Neuroscience, 2014, 34, 6140-6145.	1.7	68
59	Analysis of 2000 consecutive UK tonsillectomy specimens for disease-related prion protein. Lancet, The, 2004, 364, 1260-1262.	6.3	67
60	Peripheral Nerve Society Guideline on processing and evaluation of nerve biopsies. Journal of the Peripheral Nervous System, 2010, 15, 164-175.	1.4	66
61	BAG3 mutations: another cause of giant axonal neuropathy. Journal of the Peripheral Nervous System, 2012, 17, 210-216.	1.4	66
62	A clinical study of kuru patients with long incubation periods at the end of the epidemic in Papua New Guinea. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 3725-3739.	1.8	65
63	Brain biopsy in dementia: clinical indications and diagnostic approach. Acta Neuropathologica, 2010, 120, 327-341.	3.9	64
64	Kell and XK immunohistochemistry in McLeod myopathy. Muscle and Nerve, 2001, 24, 1346-1351.	1.0	63
65	Inhibition of oxidative metabolism leads to p53 genetic inactivation and transformation in neural stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1059-1064.	3.3	63
66	Kuru prions and sporadic Creutzfeldtâ€“Jakob disease prions have equivalent transmission properties in transgenic and wild-type mice. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3885-3890.	3.3	62
67	PrP Antibodies Do Not Trigger Mouse Hippocampal Neuron Apoptosis. Science, 2012, 335, 52-52.	6.0	62
68	World Health Organization Grade II/III Glioma Molecular Status: Prediction by MRI Morphologic Features and Apparent Diffusion Coefficient. Radiology, 2020, 296, 111-121.	3.6	62
69	Evolution of Diffusion-Weighted Magnetic Resonance Imaging Signal Abnormality in Sporadic Creutzfeldt-Jakob Disease, With Histopathological Correlation. JAMA Neurology, 2016, 73, 76.	4.5	60
70	Transgenic and Knockâ€out Mice: Models of Neurological Disease. Brain Pathology, 1994, 4, 3-20.	2.1	59
71	Hereditary leukoencephalopathy with axonal spheroids: a spectrum of phenotypes from CNS vasculitis to parkinsonism in an adult onset leukodystrophy series. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 512-519.	0.9	58
72	MAPK pathway activation in the embryonic pituitary results in stem cell compartment expansion, differentiation defects and provides insights into the pathogenesis of papillary craniopharyngioma. Development (Cambridge), 2017, 144, 2141-2152.	1.2	58

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73	Absence of spontaneous disease and comparative prion susceptibility of transgenic mice expressing mutant human prion proteins. Journal of General Virology, 2009, 90, 546-558.	1.3	58
74	Normal neurogenesis and scrapie pathogenesis in neural grafts lacking the prion protein homologue Doppel. EMBO Reports, 2001, 2, 347-352.	2.0	57
75	Processing of nerve biopsies: A practical guide for neuropathologists. , 2012, 31, 7-23.		56
76	Altered regulation of tau phosphorylation in a mouse model of down syndrome aging. Neurobiology of Aging, 2012, 33, 828.e31-828.e44.	1.5	54
77	Prion disease: experimental models and reality. Acta Neuropathologica, 2017, 133, 197-222.	3.9	54
78	Rb and p107 are required for normal cerebellar development and granule cell survival but not for Purkinje cell persistence. Development (Cambridge), 2003, 130, 3359-3368.	1.2	52
79	PTEN, a negative regulator of PI3 kinase signalling, alters tau phosphorylation in cells by mechanisms independent of GSK-3. FEBS Letters, 2006, 580, 3121-3128.	1.3	52
80	A novel SOD1-ALS mutation separates central and peripheral effects of mutant SOD1 toxicity. Human Molecular Genetics, 2015, 24, 1883-1897.	1.4	52
81	Texture analysis- and support vector machine-assisted diffusional kurtosis imaging may allow in vivo gliomas grading and IDH-mutation status prediction: a preliminary study. Scientific Reports, 2018, 8, 6108.	1.6	52
82	c-Jun expression in human neuropathies: a pilot study. Journal of the Peripheral Nervous System, 2011, 16, 295-303.	1.4	51
83	A novel and rapid method for obtaining high titre intact prion strains from mammalian brain. Scientific Reports, 2015, 5, 10062.	1.6	51
84	Early CSF and Serum S100B Concentrations for Outcome Prediction in Traumatic Brain Injury and Subarachnoid Hemorrhage. Clinical Neurology and Neurosurgery, 2016, 145, 79-83.	0.6	51
85	Prion-mediated neurodegeneration is associated with early impairment of the ubiquitinâ€“proteasome system. Acta Neuropathologica, 2016, 131, 411-425.	3.9	51
86	A PML/Slit Axis Controls Physiological Cell Migration and Cancer Invasion in the CNS. Cell Reports, 2017, 20, 411-426.	2.9	49
87	Largeâ€scale immunohistochemical examination for lymphoreticular prion protein in tonsil specimens collected in Britain. Journal of Pathology, 2010, 222, 380-387.	2.1	48
88	Mutation in FAM134B causing severe hereditary sensory neuropathy: Figure 1. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 119-120.	0.9	48
89	Central and peripheral pathology of kuru: pathological analysis of a recent case and comparison with other forms of human prion disease. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 3755-3763.	1.8	47
90	Inflammatory demyelination without astrocyte loss in MOG antibodyâ€“positive NMOSD. Neurology, 2016, 87, 229-231.	1.5	47

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91	Inherited Prion Disease A117V Is Not Simply a Proteinopathy but Produces Prions Transmissible to Transgenic Mice Expressing Homologous Prion Protein. PLoS Pathogens, 2013, 9, e1003643.	2.1	46
92	Characterization of two distinct prion strains derived from bovine spongiform encephalopathy transmissions to inbred mice. Journal of General Virology, 2004, 85, 2471-2478.	1.3	45
93	Symptomatic cerebellar metastasis and late local recurrence of a cauda equina paraganglioma. Journal of Neurosurgery, 1995, 83, 166-169.	0.9	44
94	Plasmacytoid Dendritic Cells Sequester High Prion Titres at Early Stages of Prion Infection. PLoS Pathogens, 2012, 8, e1002538.	2.1	41
95	World Health Organization grade III meningiomas. A retrospective study for outcome and prognostic factors assessment. British Journal of Neurosurgery, 2015, 29, 693-698.	0.4	41
96	Clinical Trial Simulations Based on Genetic Stratification and the Natural History of a Functional Outcome Measure in Creutzfeldt-Jakob Disease. JAMA Neurology, 2016, 73, 447.	4.5	41
97	Germline SDHD mutation in paraganglioma of the spinal cord. Oncogene, 2001, 20, 5084-5086.	2.6	40
98	Spontaneous generation of mammalian prions. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14402-14406.	3.3	40
99	Active and Silent Thyroid-Stimulating Hormoneâ^'Expressing Pituitary Adenomas: Presenting Symptoms, Treatment, Outcomes, and Recurrence. World Neurosurgery, 2014, 82, 1224-1231.	0.7	40
100	Neuroimaging of cerebellar liponeurocytoma. Journal of Neurosurgery, 2001, 95, 324-331.	0.9	39
101	The origin of the prion agent of kuru: molecular and biological strain typing. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 3747-3753.	1.8	39
102	A systematic investigation of production of synthetic prions from recombinant prion protein. Open Biology, 2015, 5, 150165.	1.5	39
103	Transgenic and Knockout Mice in Research on Prion Diseases. Brain Pathology, 1998, 8, 715-733.	2.1	38
104	Identification of the End Stage of Scrapie Using Infected Neural Grafts. Brain Pathology, 1998, 8, 19-27.	2.1	38
105	Rapidly progressive asymmetrical weakness in Charcotâ€“Marieâ€“Tooth disease type 4J resembles chronic inflammatory demyelinating polyneuropathy. Neuromuscular Disorders, 2013, 23, 399-403.	0.3	38
106	Molecular Diagnosis of Human Prion Disease. Methods in Molecular Biology, 2008, 459, 197-227.	0.4	38
107	Transgene-driven expression of the Doppel protein in Purkinje cells causes Purkinje cell degeneration and motor impairment. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 3644-3649.	3.3	37
108	Differentiation and Histological Analysis of Embryonic Stem Cellâ€Derived Neural Transplants in Mice. Brain Pathology, 2000, 10, 330-341.	2.1	37

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109	Imatinib and Nilotinib increase glioblastoma cell invasion via Abl-independent stimulation of p130Cas and FAK signalling. Scientific Reports, 2016, 6, 27378.	1.6	37
110	Novel C12orf65 mutations in patients with axonal neuropathy and optic atrophy. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 486-492.	0.9	35
111	Genetic and clinical characteristics ofNEFL-related Charcot-Marie-Tooth disease. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 575-585.	0.9	34
112	Neuronal and Peripheral Pentraxins Modify Glutamate Release and may Interact in Bloodâ€“Brain Barrier Failure. Cerebral Cortex, 2017, 27, 3437-3448.	1.6	34
113	Ventricular and Lumbar Cerebrospinal Fluid Concentrations of Alzheimer's Disease Biomarkers in Patients with Normal Pressure Hydrocephalus and Posttraumatic Hydrocephalus. Journal of Alzheimer's Disease, 2014, 41, 1057-1062.	1.2	33
114	Quantification of serial changes in cerebral blood volume and metabolism in patients with recurrent glioblastoma undergoing antiangiogenic therapy. European Journal of Radiology, 2015, 84, 1128-1136.	1.2	33
115	Bortezomibâ€induced inflammatory neuropathy. Journal of the Peripheral Nervous System, 2010, 15, 366-368.	1.4	32
116	Malignant MCLeod myopathy. Muscle and Nerve, 2002, 26, 424-427.	1.0	31
117	Neuroprotein Dynamics in the Cerebrospinal Fluid: Intraindividual Concomitant Ventricular and Lumbar Measurements. European Neurology, 2013, 70, 189-194.	0.6	30
118	Rituximab in the treatment of three coexistent neurological autoimmune diseases: chronic inflammatory demyelinating polyradiculoneuropathy, Morvan syndrome and myasthenia gravis. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 230-232.	0.9	29
119	Inherited prion disease with 4-octapeptide repeat insertion: disease requires the interaction of multiple genetic risk factors. Brain, 2011, 134, 1829-1838.	3.7	29
120	Effects of formalin fixation on magnetic resonance indices in multiple sclerosis cortical gray matter. Journal of Magnetic Resonance Imaging, 2010, 32, 1054-1060.	1.9	28
121	Nanog, Gli, and p53: a new network of stemness in development and cancer. EMBO Journal, 2010, 29, 2475-2476.	3.5	28
122	Structural correlates of active-staining following magnetic resonance microscopy in the mouse brain. NeuroImage, 2011, 56, 974-983.	2.1	28
123	Comparative Expression Analysis Reveals Lineage Relationships between Human and Murine Gliomas and a Dominance of Glial Signatures during Tumor Propagation In Vitro. Cancer Research, 2013, 73, 5834-5844.	0.4	28
124	Microglial Cx3cr1knockout reduces prion disease incubation time in mice. BMC Neuroscience, 2014, 15, 44.	0.8	28
125	Atypical Scrapie Prions from Sheep and Lack of Disease in Transgenic Mice Overexpressing Human Prion Protein. Emerging Infectious Diseases, 2013, 19, 1731-1739.	2.0	27
126	Transmission Properties of Human PrP 102L Prions Challenge the Relevance of Mouse Models of GSS. PLoS Pathogens, 2015, 11, e1004953.	2.1	27

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127	Myostatin inhibition prevents skeletal muscle pathophysiology in Huntingtonâ€™s disease mice. Scientific Reports, 2017, 7, 14275.	1.6	27
128	Identification and characterization of a novel mouse prion gene allele. Mammalian Genome, 2004, 15, 383-389.	1.0	26
129	Long-Term Complications and Influence on Outcome in Patients Surviving Spontaneous Subarachnoid Hemorrhage. Cerebrovascular Diseases, 2020, 49, 307-315.	0.8	26
130	A standardized comparison of commercially available prion decontamination reagents using the Standard Steel-Binding Assay. Journal of General Virology, 2011, 92, 718-726.	1.3	26
131	Epigenetic Regulation of Survivin by Bmi1 Is Cell Type Specific During Corticogenesis and in Gliomas. Stem Cells, 2013, 31, 190-202.	1.4	25
132	A novel mutation in the nerveâ€specific 5â€²UTR of the GJB1 gene causes Xâ€linked Charcotâ€Marieâ€Tooth disease. Journal of the Peripheral Nervous System, 2011, 16, 65-70.	1.4	24
133	High-throughput, automated quantification of white matter neurons in mild malformation of cortical development in epilepsy. Acta Neuropathologica Communications, 2014, 2, 72.	2.4	24
134	Neurological update: gliomas and other primary brain tumours in adults. Journal of Neurology, 2018, 265, 717-727.	1.8	24
135	Transgenic and gene disruption techniques in the study of neurocarcinogenesis. Glia, 1995, 15, 348-364.	2.5	23
136	Investigation ofMcp1as a Quantitative Trait Gene for Prion Disease Incubation Time in Mouse. Genetics, 2008, 180, 559-566.	1.2	23
137	Behavioral and Other Phenotypes in a Cytoplasmic Dynein Light Intermediate Chain 1 Mutant Mouse. Journal of Neuroscience, 2011, 31, 5483-5494.	1.7	23
138	Non-Phosphorylated Tau as a Potential Biomarker of Alzheimerâ€™s Disease: Analytical and Diagnostic Characterization. Journal of Alzheimer's Disease, 2016, 55, 159-170.	1.2	23
139	Quantitative in vivo optical tomography of cancer progression & vasculature development in adult zebrafish. Oncotarget, 2016, 7, 43939-43948.	0.8	23
140	Primary cerebral leiomyosarcoma in a child. Pediatric Radiology, 2004, 34, 495-498.	1.1	22
141	Effect of fixation on brain and lymphoreticular vCJD prions and bioassay of key positive specimens from a retrospective vCJD prevalence study. Journal of Pathology, 2011, 223, 511-518.	2.1	22
142	Sod1 Deficiency Reduces Incubation Time in Mouse Models of Prion Disease. PLoS ONE, 2013, 8, e54454.	1.1	22
143	Overexpression of the Hspa13 (Stch) gene reduces prion disease incubation time in mice. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13722-13727.	3.3	21
144	Pharmacological removal of serum amyloid P component from intracerebral plaques and cerebrovascular AÎ² amyloid depositsin vivo. Open Biology, 2016, 6, 150202.	1.5	21

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145	Inositol treatment inhibits medulloblastoma through suppression of epigenetic-driven metabolic adaptation. Nature Communications, 2021, 12, 2148.	5.8	20
146	Hyperphosphorylation of tau and neurofilaments and activation of CDK5 and ERK1/2 in PTEN-deficient cerebella. Molecular and Cellular Neurosciences, 2007, 34, 400-408.	1.0	19
147	Heterozygosity at Polymorphic Codon 219 in Variant Creutzfeldt-Jakob Disease. Archives of Neurology, 2010, 67, 1021-3.	4.9	19
148	Deficiency of the zinc finger protein ZFP106 causes motor and sensory neurodegeneration. Human Molecular Genetics, 2016, 25, 291-307.	1.4	19
149	The AMOG/Î²2 subunit of Na, K-ATPase is not necessary for long-term survival of telencephalic grafts. Glia, 1995, 15, 377-388.	2.5	18
150	Neuroinvasion of Prions: Insights from Mouse Models. Experimental Physiology, 2000, 85, 705-712.	0.9	18
151	CNS pathogenesis of prion diseases. British Medical Bulletin, 2003, 66, 131-139.	2.7	18
152	A Nonsense Mutation in Mouse Tardbp Affects TDP43 Alternative Splicing Activity and Causes Limb-Clasping and Body Tone Defects. PLoS ONE, 2014, 9, e85962.	1.1	18
153	Comparison of Different Matrices as Potential Quality Control Samples for Neurochemical Dementia Diagnostics. Journal of Alzheimer's Disease, 2016, 52, 51-64.	1.2	18
154	An additional human chromosome 21 causes suppression of neural fate of pluripotent mouse embryonic stem cells in a teratoma model. BMC Developmental Biology, 2007, 7, 131.	2.1	17
155	Variant Creutzfeldt-Jakob Disease With Extremely Low Lymphoreticular Deposition of Prion Protein. JAMA Neurology, 2014, 71, 340.	4.5	17
156	A novel HTRA1 exon 2 mutation causes loss of protease activity in a Pakistani CARASIL patient. Journal of Neurology, 2015, 262, 1369-1372.	1.8	17
157	Neurological outcome and frequency of overdrainage in normal pressure hydrocephalus directly correlates with implanted ventriculo-peritoneal shunt valve type. Neurological Research, 2017, 39, 601-605.	0.6	17
158	Methods for Molecular Diagnosis of Human Prion Disease. Methods in Molecular Biology, 2017, 1658, 311-346.	0.4	17
159	Second Primary Glioblastoma. Journal of Neuropathology and Experimental Neurology, 2001, 60, 208-215.	0.9	16
160	Brain-Derived Protein Concentrations in the Cerebrospinal Fluid: Contribution of Trauma Resulting from Ventricular Drain Insertion. Journal of Neurotrauma, 2013, 30, 1205-1210.	1.7	16
161	Spongiform encephalopathies: Insights from transgenic models. Advances in Virus Research, 2001, 56, 313-352.	0.9	15
162	Cadherin-11 Up-Regulation in Overactive Bladder Suburothelial Myofibroblasts. Journal of Urology, 2009, 182, 190-195.	0.2	15

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163	Critical role for DOK1 in PDGF-BB stimulated glioma cell invasion via p130Cas and Rap1 signalling. Journal of Cell Science, 2014, 127, 2647-58.	1.2	15
164	Analysis of the Determinants of Neurotropism and Neurotoxicity of HFV in Transgenic Mice. Virology, 1996, 216, 338-346.	1.1	14
165	Prion disease incubation time is not affected in mice heterozygous for a dynein mutation. Biochemical and Biophysical Research Communications, 2004, 326, 18-22.	1.0	14
166	Stent-Assisted Coiling Using Leo+ Baby Stent. Clinical Neuroradiology, 2021, 31, 409-416.	1.0	14
167	Sex Effects in Mouse Prion Disease Incubation Time. PLoS ONE, 2011, 6, e28741.	1.1	13
168	Interlaboratory proficiency processing scheme in CSF aliquoting: implementation and assessment based on biomarkers of Alzheimerâ€™s disease. Alzheimer's Research and Therapy, 2018, 10, 87.	3.0	13
169	Spatiotemporal Pattern of Human Cortical and Subcortical Activity during Early-Stage Odor Processing. Chemical Senses, 2016, 41, 783-794.	1.1	12
170	Gain of 12p encompassing CCND2 is associated with gemistocytic histology in IDH mutant astrocytomas. Acta Neuropathologica, 2017, 133, 325-327.	3.9	12
171	First Report of Creutzfeldt-Jakob Disease Occurring in 2 Siblings Unexplained byPRNPMutation. Journal of Neuropathology and Experimental Neurology, 2008, 67, 838-841.	0.9	11
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