Sebastian Brandner

List of Publications by Year
in descending order

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		8732	9839
328	24,502	75	141
papers	citations	h-index	g-index

346	346	346	26734
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DNA methylation-based classification of central nervous system tumours. Nature, 2018, 555, 469-474.	13.7	1,872
2	Prion protein (PrP) with amino-proximal deletions restoring susceptibility of PrP knockout mice to scrapie.. EMBO Journal, 1996, 15, 1255-1264.	3.5	796
3	Normal host prion protein necessary for scrapie-induced neurotoxicity. Nature, 1996, 379, 339-343.	13.7	756
4	Mutations in the endosomal ESCRTIII-complex subunit CHMP2B in frontotemporal dementia. Nature Genetics, 2005, 37, 806-808.	9.4	752
5	Depleting Neuronal PrP in Prion Infection Prevents Disease and Reverses Spongiosis. Science, 2003, 302, 871-874.	6.0	673
6	Expression of Amino-Terminally Truncated PrP in the Mouse Leading to Ataxia and Specific Cerebellar Lesions. Cell, 1998, 93, 203-214.	13.5	506
7	Monoclonal antibodies inhibit prion replication and delay the development of prion disease. Nature, 2003, 422, 80-83.	13.7	457
8	Amyloid Î² oligomers constrict human capillaries in Alzheimerâ€™s disease via signaling to pericytes. Science, 2019, 365, .	6.0	436
9	Prion protein (PrP) with amino-proximal deletions restoring susceptibility of PrP knockout mice to scrapie. EMBO Journal, 1996, 15, 1255-64.	3.5	420
10	Evidence for human transmission of amyloid-Î² pathology and cerebral amyloid angiopathy. Nature, 2015, 525, 247-250.	13.7	418
11	An Aneuploid Mouse Strain Carrying Human Chromosome 21 with Down Syndrome Phenotypes. Science, 2005, 309, 2033-2037.	6.0	390
12	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
13	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
14	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
15	Behavioral and anatomical deficits in mice homozygous for a modified ?-amyloid precursor protein gene. Cell, 1994, 79, 755-765.	13.5	294
16	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
17	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
18	PrP-expressing tissue required for transfer of scrapie infectivity from spleen to brain. Nature, 1997, 389, 69-73.	13.7	251

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19	Human Prion Protein with Valine 129 Prevents Expression of Variant CJD Phenotype. Science, 2004, 306, 1793-1796.	6.0	246
20	Targeting Cellular Prion Protein Reverses Early Cognitive Deficits and Neurophysiological Dysfunction in Prion-Infected Mice. Neuron, 2007, 53, 325-335.	3.8	246
21	Prevalent abnormal prion protein in human appendixes after bovine spongiform encephalopathy epizootic: large scale survey. BMJ, The, 2013, 347, f5675-f5675.	3.0	246
22	Adult IDH wild type astrocytomas biologically and clinically resolve into other tumor entities. Acta Neuropathologica, 2015, 130, 407-417.	3.9	237
23	Sarcoma classification by DNA methylation profiling. Nature Communications, 2021, 12, 498.	5.8	237
24	Normal host prion protein (PrPC) is required for scrapie spread within the central nervous system. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 13148-13151.	3.3	226
25	The autophagy-associated factors DRAM1 and p62 regulate cell migration and invasion in glioblastoma stem cells. Oncogene, 2013, 32, 699-712.	2.6	224
26	Astrocyte-specific expression of hamster prion protein (PrP) renders PrP knockout mice susceptible to hamster scrapie. EMBO Journal, 1997, 16, 6057-6065.	3.5	196
27	Distribution of EGFR amplification, combined chromosome 7 gain and chromosome 10 loss, and TERT promoter mutation in brain tumors and their potential for the reclassification of IDHwt astrocytoma to glioblastoma. Acta Neuropathologica, 2018, 136, 793-803.	3.9	195
28	Combinations of genetic mutations in the adult neural stem cell compartment determine brain tumour phenotypes. EMBO Journal, 2010, 29, 222-235.	3.5	192
29	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
30	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
31	Anaplastic astrocytoma with piloid features, a novel molecular class of IDH wildtype glioma with recurrent MAPK pathway, CDKN2A/B and ATRX alterations. Acta Neuropathologica, 2018, 136, 273-291.	3.9	190
32	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
33	Genetic and phenotypic characterization of complex hereditary spastic paraplegia. Brain, 2016, 139, 1904-1918.	3.7	170
34	The Boston criteria version 2.0 for cerebral amyloid angiopathy: a multicentre, retrospective, MRIâ€“neuropathology diagnostic accuracy study. Lancet Neurology, The, 2022, 21, 714-725.	4.9	168
35	Glioblastomas acquire myeloid-affiliated transcriptional programs via epigenetic immunoediting to elicit immune evasion. Cell, 2021, 184, 2454-2470.e26.	13.5	165
36	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

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37	Disruption of endocytic trafficking in frontotemporal dementia with CHMP2B mutations. Human Molecular Genetics, 2010, 19, 2228-2238.	1.4	163
38	Fbw7 controls neural stem cell differentiation and progenitor apoptosis via Notch and c-Jun. Nature Neuroscience, 2010, 13, 1365-1372.	7.1	158
39	Porphobilinogen deaminase deficiency in mice causes a neuropathy resembling that of human hepatic porphyria. Nature Genetics, 1996, 12, 195-199.	9.4	156
40	White matter perivascular spaces. Neurology, 2014, 82, 57-62.	1.5	151
41	A naturally occurring variant of the human prion protein completely prevents prion disease. Nature, 2015, 522, 478-481.	13.7	144
42	Treatable childhood neuronopathy caused by mutations in riboflavin transporter RFVT2. Brain, 2014, 137, 44-56.	3.7	143
43	High field (9.4 Tesla) magnetic resonance imaging of cortical grey matter lesions in multiple sclerosis. Brain, 2010, 133, 858-867.	3.7	138
44	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
45	ERK activation causes epilepsy by stimulating NMDA receptor activity. EMBO Journal, 2007, 26, 4891-4901.	3.5	126
46	Phenotypic heterogeneity and genetic modification of P102L inherited prion disease in an international series. Brain, 2008, 131, 2632-2646.	3.7	126
47	Prion neuropathology follows the accumulation of alternate prion protein isoforms after infective titre has peaked. Nature Communications, 2014, 5, 4347.	5.8	126
48	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
49	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
50	Transmission of amyloid-Î² protein pathology from cadaveric pituitary growth hormone. Nature, 2018, 564, 415-419.	13.7	122
51	Molecularly defined diffuse leptomeningeal glioneuronal tumor (DLGNT) comprises two subgroups with distinct clinical and genetic features. Acta Neuropathologica, 2018, 136, 239-253.	3.9	118
52	Fetal gene therapy for neurodegenerative disease of infants. Nature Medicine, 2018, 24, 1317-1323.	15.2	117
53	Anatomy of the auditory thalamocortical system of the guinea pig. Journal of Comparative Neurology, 1989, 282, 489-511.	0.9	115
54	The driver landscape of sporadic chordoma. Nature Communications, 2017, 8, 890.	5.8	115

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55	A Novel Prion Disease Associated with Diarrhea and Autonomic Neuropathy. New England Journal of Medicine, 2013, 369, 1904-1914.	13.9	113
56	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
57	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
58	MYCN amplification drives an aggressive form of spinal ependymoma. Acta Neuropathologica, 2019, 138, 1075-1089.	3.9	104
59	An enzymeâ€"detergent method for effective prion decontamination of surgical steel. Journal of General Virology, 2005, 86, 869-878.	1.3	103
60	Methylation array profiling of adult brain tumours: diagnostic outcomes in a large, single centre. Acta Neuropathologica Communications, 2019, 7, 24.	2.4	101
61	Ectopic expression of prion protein (PrP) in T lymphocytes or hepatocytes of PrP knockout mice is insufficient to sustain prion replication. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 3987-3992.	3.3	98
62	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
63	Progressive neuronal inclusion formation and axonal degeneration in CHMP2B mutant transgenic mice. Brain, 2012, 135, 819-832.	3.7	97
64	Histone H3.3G34-Mutant Interneuron Progenitors Co-opt PDGFRA for Gliomagenesis. Cell, 2020, 183, 1617-1633.e22.	13.5	93
65	Integrated Molecular-Morphologic Meningioma Classification: A Multicenter Retrospective Analysis, Retrospectively and Prospectively Validated. Journal of Clinical Oncology, 2021, 39, 3839-3852.	0.8	93
66	Extended phenotypic spectrum of KIF5A mutations. Neurology, 2014, 83, 612-619.	1.5	92
67	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
68	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
69	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
70	Combined Thalidomide and Temozolomide Treatment in Patients with Glioblastoma Multiforme. Journal of Neuro-Oncology, 2004, 67, 191-200.	1.4	88
71	Activated BRAF induces gliomas in mice when combined with Ink4a/Arf loss or Akt activation. Oncogene, 2010, 29, 335-344.	2.6	86
72	PTEN is essential for cell migration but not for fate determination and tumourigenesis in the cerebellum. Development (Cambridge), 2002, 129, 3513-22.	1.2	86

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73	Microvascular injury and hypoxic damage: emerging neuropathological signatures in COVID-19. Acta Neuropathologica, 2020, 140, 397-400.	3.9	85
74	Tau, prions and AÎ²: the triad of neurodegeneration. Acta Neuropathologica, 2011, 121, 5-20.	3.9	84
75	Diagnostic, prognostic and predictive relevance of molecular markers in gliomas. Neuropathology and Applied Neurobiology, 2015, 41, 694-720.	1.8	83
76	Isomorphic diffuse glioma is a morphologically and molecularly distinct tumour entity with recurrent gene fusions of MYBL1 or MYB and a benign disease course. Acta Neuropathologica, 2020, 139, 193-209.	3.9	83
77	Frequency of mutations in the genes associated with hereditary sensory and autonomic neuropathy in a UK cohort. Journal of Neurology, 2012, 259, 1673-1685.	1.8	82
78	Evidence of amyloid-Î² cerebral amyloid angiopathy transmission through neurosurgery. Acta Neuropathologica, 2018, 135, 671-679.	3.9	80
79	Microglia promote glioblastoma via mTORâ€mediated immunosuppression of the tumour microenvironment. EMBO Journal, 2020, 39, e103790.	3.5	77
80	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
81	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
82	Invited Review: The role of prionâ€like mechanisms in neurodegenerative diseases. Neuropathology and Applied Neurobiology, 2020, 46, 522-545.	1.8	72
83	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
84	Genetic and Expression Profiles of Cerebellar Liponeurocytomas. Brain Pathology, 2004, 14, 281-289.	2.1	69
85	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
86	Peripheral Administration of a Humanized Anti-PrP Antibody Blocks Alzheimer's Disease AÎ² Synaptotoxicity. Journal of Neuroscience, 2014, 34, 6140-6145.	1.7	68
87	Analysis of 2000 consecutive UK tonsillectomy specimens for disease-related prion protein. Lancet, The, 2004, 364, 1260-1262.	6.3	67
88	Peripheral Nerve Society Guideline on processing and evaluation of nerve biopsies. Journal of the Peripheral Nervous System, 2010, 15, 164-175.	1.4	66
89	BAG3 mutations: another cause of giant axonal neuropathy. Journal of the Peripheral Nervous System, 2012, 17, 210-216.	1.4	66
90	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

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91	Brain biopsy in dementia: clinical indications and diagnostic approach. Acta Neuropathologica, 2010, 120, 327-341.	3.9	64
92	Kell and XK immunohistochemistry in McLeod myopathy. Muscle and Nerve, 2001, 24, 1346-1351.	1.0	63
93	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
94	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
95	PrP Antibodies Do Not Trigger Mouse Hippocampal Neuron Apoptosis. Science, 2012, 335, 52-52.	6.0	62
96	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
97	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
98	Transgenic and Knockâ€out Mice: Models of Neurological Disease. Brain Pathology, 1994, 4, 3-20.	2.1	59
99	The projection from medial geniculate to field AI in cat: organization in the isofrequency dimension. Journal of Neuroscience, 1990, 10, 50-61.	1.7	58
100	Microsatellite analysis of loss of heterozygosity on chromosomes 9q, 11 p and 17p in medulloblastomas. Neuropathology and Applied Neurobiology, 1994, 20, 74-81.	1.8	58
101	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
102	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
103	Apparent diffusion coefficient for molecular subtyping of non-gadolinium-enhancing WHO grade II/III glioma: volumetric segmentation versus two-dimensional region of interest analysis. European Radiology, 2018, 28, 3779-3788.	2.3	58
104	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
105	Normal neurogenesis and scrapie pathogenesis in neural grafts lacking the prion protein homologue Doppel. EMBO Reports, 2001, 2, 347-352.	2.0	57
106	Rosette-forming glioneuronal tumors share a distinct DNA methylation profile and mutations in FGFR1, with recurrent co-mutation of PIK3CA and NF1. Acta Neuropathologica, 2019, 138, 497-504.	3.9	57
107	Processing of nerve biopsies: A practical guide for neuropathologists. , 2012, 31, 7-23.		56
108	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

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109	Prion disease: experimental models and reality. Acta Neuropathologica, 2017, 133, 197-222.	3.9	54
110	Early onset cerebral amyloid angiopathy following childhood exposure to cadaveric dura. Annals of Neurology, 2019, 85, 284-290.	2.8	54
111	Brain cell type specificity and gliosis-induced activation of the human cytomegalovirus immediate-early promoter in transgenic mice. Journal of Neuroscience, 1996, 16, 2275-2282.	1.7	52
112	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
113	A novel SOD1-ALS mutation separates central and peripheral effects of mutant SOD1 toxicity. Human Molecular Genetics, 2015, 24, 1883-1897.	1.4	52
114	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
115	c-Jun expression in human neuropathies: a pilot study. Journal of the Peripheral Nervous System, 2011, 16, 295-303.	1.4	51
116	A novel and rapid method for obtaining high titre intact prion strains from mammalian brain. Scientific Reports, 2015, 5, 10062.	1.6	51
117	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
118	Prion-mediated neurodegeneration is associated with early impairment of the ubiquitinâ€“proteasome system. Acta Neuropathologica, 2016, 131, 411-425.	3.9	51
119	A PML/Slit Axis Controls Physiological Cell Migration and Cancer Invasion in the CNS. Cell Reports, 2017, 20, 411-426.	2.9	49
120	Largeâ€scale immunohistochemical examination for lymphoreticular prion protein in tonsil specimens collected in Britain. Journal of Pathology, 2010, 222, 380-387.	2.1	48
121	Variable phenotypes are associated with PMP22 missense mutations. Neuromuscular Disorders, 2011, 21, 106-114.	0.3	48
122	Mutation in FAM134B causing severe hereditary sensory neuropathy: Figure 1. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 119-120.	0.9	48
123	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
124	Bi-allelic JAM2 Variants Lead to Early-Onset Recessive Primary Familial Brain Calcification. American Journal of Human Genetics, 2020, 106, 412-421.	2.6	47
125	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
126	Potential human transmission of amyloid Î² pathology: surveillance and risks. Lancet Neurology, The, 2020, 19, 872-878.	4.9	46

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127	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
128	Symptomatic cerebellar metastasis and late local recurrence of a cauda equina paraganglioma. Journal of Neurosurgery, 1995, 83, 166-169.	0.9	44
129	A Novel Mitochondrial tRNAPheMutation Inhibiting Anticodon Stem Formation Associated with a Muscle Disease. Biochemical and Biophysical Research Communications, 1998, 247, 112-115.	1.0	44
130	Papillary glioneuronal tumor (PGNT) exhibits a characteristic methylation profile and fusions involving PRKCA. Acta Neuropathologica, 2019, 137, 837-846.	3.9	43
131	Identification of novel risk loci and causal insights for sporadic Creutzfeldt-Jakob disease: a genome-wide association study. Lancet Neurology, The, 2020, 19, 840-848.	4.9	42
132	Plasmacytoid Dendritic Cells Sequester High Prion Titres at Early Stages of Prion Infection. PLoS Pathogens, 2012, 8, e1002538.	2.1	41
133	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
134	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
135	Germline SDHD mutation in paraganglioma of the spinal cord. Oncogene, 2001, 20, 5084-5086.	2.6	40
136	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
137	Active and Silent Thyroid-Stimulating Hormoneâ^'Expressing Pituitary Adenomas: Presenting Symptoms, Treatment, Outcomes, and Recurrence. World Neurosurgery, 2014, 82, 1224-1231.	0.7	40
138	Neuroimaging of cerebellar liponeurocytoma. Journal of Neurosurgery, 2001, 95, 324-331.	0.9	39
139	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
140	A systematic investigation of production of synthetic prions from recombinant prion protein. Open Biology, 2015, 5, 150165.	1.5	39
141	Frequent alterations in p16/CDKN2A identified by immunohistochemistry and FISH in chordoma. Journal of Pathology: Clinical Research, 2020, 6, 113-123.	1.3	39
142	Cross-Species Genomics Reveals Oncogenic Dependencies in ZFTA/C11orf95 Fusionâ€“Positive Supratentorial Ependymomas. Cancer Discovery, 2021, 11, 2230-2247.	7.7	39
143	Transgenic and Knockout Mice in Research on Prion Diseases. Brain Pathology, 1998, 8, 715-733.	2.1	38
144	Identification of the End Stage of Scrapie Using Infected Neural Grafts. Brain Pathology, 1998, 8, 19-27.	2.1	38

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145	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
146	Machine learning assisted DSC-MRI radiomics as a tool for glioma classification by grade and mutation status. BMC Medical Informatics and Decision Making, 2020, 20, 149.	1.5	38
147	Molecular Diagnosis of Human Prion Disease. Methods in Molecular Biology, 2008, 459, 197-227.	0.4	38
148	Prion protein monoclonal antibody (PRN100) therapy for Creutzfeldtâ€“Jakob disease: evaluation of a first-in-human treatment programme. Lancet Neurology, The, 2022, 21, 342-354.	4.9	38
149	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
150	Differentiation and Histological Analysis of Embryonic Stem Cellâ€Derived Neural Transplants in Mice. Brain Pathology, 2000, 10, 330-341.	2.1	37
151	Imatinib and Nilotinib increase glioblastoma cell invasion via Abl-independent stimulation of p130Cas and FAK signalling. Scientific Reports, 2016, 6, 27378.	1.6	37
152	Tumors diagnosed as cerebellar glioblastoma comprise distinct molecular entities. Acta Neuropathologica Communications, 2019, 7, 163.	2.4	37
153	The white matter is a pro-differentiative niche for glioblastoma. Nature Communications, 2021, 12, 2184.	5.8	37
154	MGMTpromoter methylation testing to predict overall survival in people with glioblastoma treated with temozolomide: a comprehensive meta-analysis based on a Cochrane Systematic Review. Neuro-Oncology, 2021, 23, 1457-1469.	0.6	36
155	Functional organization of the auditory thalamus in the guinea pig. Experimental Brain Research, 1991, 86, 384-92.	0.7	35
156	Novel C12orf65 mutations in patients with axonal neuropathy and optic atrophy. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 486-492.	0.9	35
157	Potential of Magnetic Hyperthermia to Stimulate Localized Immune Activation. Small, 2021, 17, e2005241.	5.2	35
158	Lhermitte-Duclos Disease in 3 Children: A Clinical Long-Term Observation. Neuropediatrics, 2003, 34, 30-35.	0.3	34
159	Activated MEK cooperates with Ink4a/Arf loss or Akt activation to induce gliomas in vivo. Oncogene, 2011, 30, 1341-1350.	2.6	34
160	Neuronal and Peripheral Pentraxins Modify Glutamate Release and may Interact in Bloodâ€“Brain Barrier Failure. Cerebral Cortex, 2017, 27, 3437-3448.	1.6	34
161	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
162	Molecular Subtypes and Genomic Profile of Primary Central Nervous System Lymphoma. Journal of Neuropathology and Experimental Neurology, 2020, 79, 176-183.	0.9	33

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163	Recurrent fusions in PLAGL1 define a distinct subset of pediatric-type supratentorial neuroepithelial tumors. Acta Neuropathologica, 2021, 142, 827-839.	3.9	33
164	Survival Outcomes and Prognostic Factors in Glioblastoma. Cancers, 2022, 14, 3161.	1.7	33
165	Bortezomibâ€induced inflammatory neuropathy. Journal of the Peripheral Nervous System, 2010, 15, 366-368.	1.4	32
166	Malignant MCLeod myopathy. Muscle and Nerve, 2002, 26, 424-427.	1.0	31
167	Clear cell meningiomas are defined by a highly distinct DNA methylation profile and mutations in SMARCE1. Acta Neuropathologica, 2021, 141, 281-290.	3.9	31
168	Irregular presence of abnormal prion protein in appendix in variant Creutzfeldt-Jakob disease. Journal of Neurology, Neurosurgery and Psychiatry, 2002, 73, 597-598.	0.9	30
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