Markus Glatzel

List of Publications by Year
in descending order

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Version: 2024-02-01

280 papers	17,684 citations	18482 62 h-index	18130 120 g-index
307 all docs	307 docs citations	307 times ranked	24881 citing authors

#	Article	IF	Citations
1	The TREM2-APOE Pathway Drives the Transcriptional Phenotype of Dysfunctional Microglia in Neurodegenerative Diseases. Immunity, 2017, 47, 566-581.e9.	14.3	1,741
2	Multiorgan and Renal Tropism of SARS-CoV-2. New England Journal of Medicine, 2020, 383, 590-592.	27.0	1,523
3	Neuropathology of patients with COVID-19 in Germany: a post-mortem case series. Lancet Neurology, The, 2020, 19, 919-929.	10.2	957
4	Genetic prion disease: the EUROCJD experience. Human Genetics, 2005, 118, 166-174.	3.8	391
5	Neutralization of the IL-17 axis diminishes neutrophil invasion and protects from ischemic stroke. Blood, 2012, 120, 3793-3802.	1.4	374
6	Impaired Prion Replication in Spleens of Mice Lacking Functional Follicular Dendritic Cells. Science, 2000, 288, 1257-1259.	12.6	341
7	Intravenous immunoglobulin suppresses NLRP1 and NLRP3 inflammasome-mediated neuronal death in ischemic stroke. Cell Death and Disease, 2013, 4, e790-e790.	6.3	331
8	The Disintegrin/Metalloproteinase ADAM10 Is Essential for the Establishment of the Brain Cortex. Journal of Neuroscience, 2010, 30, 4833-4844.	3.6	327
9	Mortality from Creutzfeldtâ€“Jakob disease and related disorders in Europe, Australia, and Canada. Neurology, 2005, 64, 1586-1591.	1.1	306
10	Extraneural Pathologic Prion Protein in Sporadic Creutzfeldtâ€“Jakob Disease. New England Journal of Medicine, 2003, 349, 1812-1820.	27.0	299
11	Determinants of diagnostic investigation sensitivities across the clinical spectrum of sporadic Creutzfeldt-Jakob disease. Brain, 2006, 129, 2278-2287.	7.6	283
12	Hematogenous dissemination of glioblastoma multiforme. Science Translational Medicine, 2014, 6, 247ra101.	12.4	264
13	Predictors of survival in sporadic Creutzfeldt-Jakob disease and other human transmissible spongiform encephalopathies. Brain, 2004, 127, 2348-2359.	7.6	244
14	CLP1 links tRNA metabolism to progressive motor-neuron loss. Nature, 2013, 495, 474-480.	27.8	231
15	Sympathetic Innervation of Lymphoreticular Organs Is Rate Limiting for Prion Neuroinvasion. Neuron, 2001, 31, 25-34.	8.1	223
16	Hemodynamic Forces Tune the Arrest, Adhesion, and Extravasation of Circulating Tumor Cells. Developmental Cell, 2018, 45, 33-52.e12.	7.0	219
17	Deep spatial profiling of human COVID-19 brains reveals neuroinflammation with distinct microanatomical microglia-T-cell interactions. Immunity, 2021, 54, 1594-1610.e11.	14.3	210
18	Positioning of follicular dendritic cells within the spleen controls prion neuroinvasion. Nature, 2003, 425, 957-962.	27.8	195

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19	Coexistence of multiple PrPSc types in individuals with Creutzfeldt-Jakob disease. Lancet Neurology, The, 2005, 4, 805-814.	10.2	192
20	Human CLP1 Mutations Alter tRNA Biogenesis, Affecting Both Peripheral and Central Nervous System Function. Cell, 2014, 157, 636-650.	28.9	189
21	Amyloid polymorphisms constitute distinct clouds of conformational variants in different etiological subtypes of Alzheimerâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13018-13023.	7.1	170
22	The SARS-CoV-2 main protease Mpro causes microvascular brain pathology by cleaving NEMO in brain endothelial cells. Nature Neuroscience, 2021, 24, 1522-1533.	14.8	164
23	Mast Cell-Mediated Antigen Presentation Regulates CD8+ T Cell Effector Functions. Immunity, 2009, 31, 665-676.	14.3	145
24	YKL-40 in the brain and cerebrospinal fluid of neurodegenerative dementias. Molecular Neurodegeneration, 2017, 12, 83.	10.8	140
25	Efficient Chemotherapy of Rat Glioblastoma Using Doxorubicin-Loaded PLGA Nanoparticles with Different Stabilizers. PLoS ONE, 2011, 6, e19121.	2.5	138
26	The blood-brain barrier is dysregulated in COVID-19 and serves as a CNS entry route for SARS-CoV-2. Stem Cell Reports, 2022, 17, 307-320.	4.8	138
27	Oral Prion Infection Requires Normal Numbers of Peyer's Patches but Not of Enteric Lymphocytes. American Journal of Pathology, 2003, 162, 1103-1111.	3.8	125
28	PrPC expression in the peripheral nervous system is a determinant of prion neuroinvasion. Journal of General Virology, 2000, 81, 2813-2821.	2.9	121
29	Adenoviral and adeno-associated viral transfer of genes to the peripheral nervous system. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 442-447.	7.1	120
30	Dietary Curcumin Attenuates Glioma Growth in a Syngeneic Mouse Model by Inhibition of the JAK1,2/STAT3 Signaling Pathway. Clinical Cancer Research, 2010, 16, 5781-5795.	7.0	120
31	Autoantibodies against Î²â€amyloid are common in Alzheimer's disease and help control plaque burden. Annals of Neurology, 2009, 65, 24-31.	5.3	119
32	Exosomal cellular prion protein drives fibrillization of amyloid beta and counteracts amyloid betaâ€mediated neurotoxicity. Journal of Neurochemistry, 2016, 137, 88-100.	3.9	117
33	Human Prion Diseases. Archives of Neurology, 2005, 62, 545.	4.5	113
34	LIMP-2 expression is critical for Î²-glucocerebrosidase activity and Î±-synuclein clearance. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15573-15578.	7.1	109
35	Postnatal Disruption of the Disintegrin/Metalloproteinase ADAM10 in Brain Causes Epileptic Seizures, Learning Deficits, Altered Spine Morphology, and Defective Synaptic Functions. Journal of Neuroscience, 2013, 33, 12915-12928.	3.6	107
36	Chronic wasting disease prions are not transmissible to transgenic mice overexpressing human prion protein. Journal of General Virology, 2010, 91, 2651-2657.	2.9	106

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37	Hypoxia and oxygenation induce a metabolic switch between pentose phosphate pathway and glycolysis in glioma stem-like cells. Acta Neuropathologica, 2013, 126, 763-780.	7.7	106
38	Distribution and prognostic relevance of tumor-infiltrating lymphocytes (TILs) and PD-1/PD-L1 immune checkpoints in human brain metastases. Oncotarget, 2015, 6, 40836-40849.	1.8	106
39	The neurological syndrome in adults during the 2011 northern German E. coli serotype O104:H4 outbreak. Brain, 2012, 135, 1850-1859.	7.6	105
40	Familial Alzheimerâ€™s diseaseâ€“associated presenilin-1 alters cerebellar activity and calcium homeostasis. Journal of Clinical Investigation, 2014, 124, 1552-1567.	8.2	104
41	High molecular mass assemblies of amyloid-Î² oligomers bind prion protein in patients with Alzheimerâ€™s disease. Brain, 2014, 137, 873-886.	7.6	96
42	Lack of a-disintegrin-and-metalloproteinase ADAM10 leads to intracellular accumulation and loss of shedding of the cellular prion protein in vivo. Molecular Neurodegeneration, 2011, 6, 36.	10.8	93
43	Relevance of PTEN loss in brain metastasis formation in breast cancer patients. Breast Cancer Research, 2012, 14, R49.	5.0	93
44	Analysis of Prion Strains by PrPSc Profiling in Sporadic Creutzfeldtâ€“Jakob Disease. PLoS Medicine, 2005, 3, e14.	8.4	90
45	Genomic Profiles Associated with Early Micrometastasis in Lung Cancer: Relevance of 4q Deletion. Clinical Cancer Research, 2009, 15, 1566-1574.	7.0	87
46	Imaging flow cytometry facilitates multiparametric characterization of extracellular vesicles in malignant brain tumours. Journal of Extracellular Vesicles, 2019, 8, 1588555.	12.2	86
47	Transient Receptor Potential Melastatin Subfamily Member 2 Cation Channel Regulates Detrimental Immune Cell Invasion in Ischemic Stroke. Stroke, 2014, 45, 3395-3402.	2.0	85
48	Incidence of Creutzfeldt-Jakob disease in Switzerland. Lancet, The, 2002, 360, 139-141.	13.7	84
49	Validation and utilization of amended diagnostic criteria in Creutzfeldt-Jakob disease surveillance. Neurology, 2018, 91, e331-e338.	1.1	84
50	Complement 3+-astrocytes are highly abundant in prion diseases, but their abolishment led to an accelerated disease course and early dysregulation of microglia. Acta Neuropathologica Communications, 2019, 7, 83.	5.2	84
51	Treatment of myositis with etanercept (EnbrelÂ®), a recombinant human soluble fusion protein of TNF-Î± type II receptor and IgG1. Rheumatology, 2004, 43, 524-526.	1.9	83
52	Cellular and Molecular Mechanisms of Prion Disease. Annual Review of Pathology: Mechanisms of Disease, 2019, 14, 497-516.	22.4	83
53	IL-23 (Interleukin-23)â€“Producing Conventional Dendritic Cells Control the Detrimental IL-17 (Interleukin-17) Response in Stroke. Stroke, 2018, 49, 155-164.	2.0	81
54	Plasminogen binds to disease-associated prion protein of multiple species. Lancet, The, 2001, 357, 2026-2028.	13.7	79

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55	Interventional strategies against prion diseases. Nature Reviews Neuroscience, 2001, 2, 745-749.	10.2	76
56	Sleep-wake disturbances in sporadic Creutzfeldt-Jakob disease. Neurology, 2006, 66, 1418-1424.	1.1	74
57	Strain Fidelity of Chronic Wasting Disease upon Murine Adaptation. Journal of Virology, 2006, 80, 12303-12311.	3.4	74
58	EGFR and HER3 expression in circulating tumor cells and tumor tissue from non-small cell lung cancer patients. Scientific Reports, 2019, 9, 7406.	3.3	73
59	Enzyme replacement therapy with recombinant pro-CTSD (cathepsin D) corrects defective proteolysis and autophagy in neuronal ceroid lipofuscinosis. Autophagy, 2020, 16, 811-825.	9.1	70
60	Prion Diseases. Journal of NeuroVirology, 2003, 9, 183-193.	2.1	66
61	Serial EEG findings in sporadic and iatrogenic Creutzfeldtâ€“Jakob disease. Clinical Neurophysiology, 2004, 115, 2467-2478.	1.5	66
62	The sheddase ADAM10 is a potent modulator of prion disease. ELife, 2015, 4, .	6.0	66
63	Deposition of Hyperphosphorylated Tau in Cerebellum of PS1 E280A Alzheimer's Disease. Brain Pathology, 2011, 21, 452-463.	4.1	65
64	Generation of aggregation prone N-terminally truncated amyloid Î² peptides by meprin Î² depends on the sequence specificity at the cleavage site. Molecular Neurodegeneration, 2016, 11, 19.	10.8	65
65	Frequent Genetic Alterations in EGFR- and HER2-Driven Pathways in Breast Cancer Brain Metastases. American Journal of Pathology, 2013, 183, 83-95.	3.8	63
66	Human prion diseases: epidemiology and integrated risk assessment. Lancet Neurology, The, 2003, 2, 757-763.	10.2	62
67	Dissemination of Orientia tsutsugamushi and Inflammatory Responses in a Murine Model of Scrub Typhus. PLoS Neglected Tropical Diseases, 2014, 8, e3064.	3.0	62
68	Presence of SARS-CoV-2 RNA in the Cornea of Viremic Patients With COVID-19. JAMA Ophthalmology, 2021, 139, 383.	2.5	62
69	Unhampered Prion Neuroinvasion despite Impaired Fast Axonal Transport in Transgenic Mice Overexpressing Four-Repeat Tau. Journal of Neuroscience, 2002, 22, 7471-7477.	3.6	61
70	Shaken Baby Syndrome. Deutsches Ärzteblatt International, 2009, 106, 211-7.	0.9	60
71	Diverse functions of the prion protein â€“ Does proteolytic processing hold the key?. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 2128-2137.	4.1	60
72	Exosomes and the Prion Protein: More than One Truth. Frontiers in Neuroscience, 2017, 11, 194.	2.8	60

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73	DNA methylation-based reclassification of olfactory neuroblastoma. Acta Neuropathologica, 2018, 136, 255-271.	7.7	59
74	Genome-wide methylation profiling of glioblastoma cell-derived extracellular vesicle DNA allows tumor classification. Neuro-Oncology, 2021, 23, 1087-1099.	1.2	59
75	Proteolytic processing of the prion protein in health and disease. American Journal of Neurodegenerative Disease, 2012, 1, 15-31.	0.1	58
76	STAT3 silencing inhibits glioma single cell infiltration and tumor growth. Neuro-Oncology, 2013, 15, 840-852.	1.2	57
77	Phenotypic Profile of Early-Onset Familial Alzheimer's Disease Caused by Presenilin-1 E280A Mutation. Journal of Alzheimer's Disease, 2012, 32, 1-12.	2.6	55
78	Embryonic stem cell-derived L1 overexpressing neural aggregates enhance recovery in Parkinsonian mice. Brain, 2010, 133, 189-204.	7.6	54
79	Clonality of circulating tumor cells in breast cancer brain metastasis patients. Breast Cancer Research, 2019, 21, 101.	5.0	54
80	Efficient systemic therapy of rat glioblastoma by nanoparticle-bound doxorubicin is due to antiangiogenic effects. , 2009, 28, 153-164.		53
81	Immune system and peripheral nerves in propagation of prions to CNS. British Medical Bulletin, 2003, 66, 141-159.	6.9	51
82	Association between Deposition of Beta-Amyloid and Pathological Prion Protein in Sporadic Creutzfeldt-Jakob Disease. Neurodegenerative Diseases, 2008, 5, 347-354.	1.4	50
83	Nonaccidental Head Injury Is the Most Common Cause of Subdural Bleeding in Infants <1 Year of Age. Pediatrics, 2009, 124, 1587-1594.	2.1	50
84	Ocular pathology in shaken baby syndrome and other forms of infantile non-accidental head injury. International Journal of Legal Medicine, 2009, 123, 189-197.	2.2	50
85	The GPI-anchoring of PrP. Prion, 2014, 8, 11-18.	1.8	49
86	Roles of endoproteolytic Î±â€cleavage and shedding of the prion protein in neurodegeneration. FEBS Journal, 2013, 280, 4338-4347.	4.7	48
87	Creutzfeldtâ€"Jakob disease and inclusion body myositis: Abundant diseaseâ€associated prion protein in muscle. Annals of Neurology, 2004, 55, 121-125.	5.3	47
88	Experimental Chronic Wasting Disease (CWD) in the Ferret. Journal of Comparative Pathology, 2008, 138, 189-196.	0.4	47
89	Characterization of brainâ€derived extracellular vesicles reveals changes in cellular origin after stroke and enrichment of the prion protein with a potential role in cellular uptake. Journal of Extracellular Vesicles, 2020, 9, 1809065.	12.2	47
90	Intrinsic Resistance of Oligodendrocytes to Prion Infection. Journal of Neuroscience, 2004, 24, 5974-5981.	3.6	46

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91	Accumulation of bis(monoacylglycero)phosphate and gangliosides in mouse models of neuronal ceroid lipofuscinosis. Journal of Neurochemistry, 2008, 106, 1415-1425.	3.9	46
92	Deficiency of the miR-29a/b-1 cluster leads to ataxic features and cerebellar alterations in mice. Neurobiology of Disease, 2015, 73, 275-288.	4.4	46
93	Evidence of a pathogenic role for CD8 ⁺ T cells in anti-GABA _B receptor limbic encephalitis. Neurology: Neuroimmunology and NeuroInflammation, 2016, 3, e232.	6.0	46
94	Structural and mechanistic aspects influencing the ADAM10-mediated shedding of the prion protein. Molecular Neurodegeneration, 2018, 13, 18.	10.8	45
95	Frequency of Circulating Tumor Cells (CTC) in Patients with Brain Metastases: Implications as a Risk Assessment Marker in Oligo-Metastatic Disease. Cancers, 2018, 10, 527.	3.7	45
96	Treatment of glioblastoma with poly(isohexyl cyanoacrylate) nanoparticles. International Journal of Pharmaceutics, 2011, 415, 244-251.	5.2	44
97	Molecular characterization of histopathological ependymoma variants. Acta Neuropathologica, 2020, 139, 305-318.	7.7	43
98	IgG4â€related hypophysitis is highly prevalent among cases of histologically confirmed hypophysitis. Brain Pathology, 2017, 27, 839-845.	4.1	42
99	N-Glycosylation of Extracellular Vesicles from HEK-293 and Glioma Cell Lines. Analytical Chemistry, 2018, 90, 7871-7879.	6.5	42
100	Cerebrovascular P-glycoprotein expression is decreased in Creutzfeldtâ€“Jakob disease. Acta Neuropathologica, 2006, 111, 436-443.	7.7	40
101	Muskelin Coordinates PrPC Lysosome versus Exosome Targeting and Impacts Prion Disease Progression. Neuron, 2018, 99, 1155-1169.e9.	8.1	39
102	Subtypes of primary angiitis of the CNS identified by MRI patterns reflect the size of affected vessels. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 749-755.	1.9	38
103	Deficiency in Serine Protease Inhibitor Neuroserpin Exacerbates Ischemic Brain Injury by Increased Postischemic Inflammation. PLoS ONE, 2013, 8, e63118.	2.5	37
104	In vivo regulation of the A disintegrin and metalloproteinase 10 (ADAM10) by the tetraspanin 15. Cellular and Molecular Life Sciences, 2018, 75, 3251-3267.	5.4	37
105	vCJD tissue distribution and transmission by transfusionâ€”a worst-case scenario coming true?. Lancet, The, 2004, 363, 411-412.	13.7	36
106	Prion infections, blood and transfusions. Nature Clinical Practice Neurology, 2006, 2, 321-329.	2.5	36
107	Encephalopathy and death in infants with abusive head trauma is due to hypoxic-ischemic injury following local brain trauma to vital brainstem centers. International Journal of Legal Medicine, 2015, 129, 105-114.	2.2	36
108	ALCAM contributes to brain metastasis formation in non-small-cell lung cancer through interaction with the vascular endothelium. Neuro-Oncology, 2020, 22, 955-966.	1.2	36

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109	Peripheral pathogenesis of prion diseases. Microbes and Infection, 2000, 2, 613-619.	1.9	35
110	PTEN mediates the cross talk between breast and glial cells in brain metastases leading to rapid disease progression. Oncotarget, 2017, 8, 6155-6168.	1.8	35
111	Loss of CADM1 expression is associated with poor prognosis and brain metastasis in breast cancer patients. Oncotarget, 2014, 5, 3076-3087.	1.8	35
112	GPI-anchor signal sequence influences PrPC sorting, shedding and signalling, and impacts on different pathomechanistic aspects of prion disease in mice. PLoS Pathogens, 2019, 15, e1007520.	4.7	34
113	The LPS Receptor, CD14 in Experimental Autoimmune Encephalomyelitis and Multiple Sclerosis. Cellular Physiology and Biochemistry, 2006, 17, 167-172.	1.6	33
114	Accumulation of Mutant Neuroserpin Precedes Development of Clinical Symptoms in Familial Encephalopathy with Neuroserpin Inclusion Bodies. American Journal of Pathology, 2007, 170, 1305-1313.	3.8	33
115	3-Hydroxyglutaric acid is transported via the sodium-dependent dicarboxylate transporter NaDC3. Journal of Molecular Medicine, 2007, 85, 763-770.	3.9	33
116	Tenascin-R Promotes Neuronal Differentiation of Embryonic Stem Cells and Recruitment of Host-Derived Neural Precursor Cells After Excitotoxic Lesion of the Mouse Striatum. Stem Cells, 2008, 26, 1973-1984.	3.2	33
117	A Novel Single-Chain Antibody Fragment for Detection of Mannose 6-Phosphate-Containing Proteins. American Journal of Pathology, 2010, 177, 240-247.	3.8	33
118	A multifactorial model of pathology for age of onset heterogeneity in familial Alzheimerâ€™s disease. Acta Neuropathologica, 2021, 141, 217-233.	7.7	33
119	Severe meningo-/encephalitis after daclizumab therapy for multiple sclerosis. Multiple Sclerosis Journal, 2019, 25, 1618-1632.	3.0	32
120	Prion protein glycans reduce intracerebral fibril formation and spongiosis in prion disease. Journal of Clinical Investigation, 2020, 130, 1350-1362.	8.2	32
121	Distinct tau neuropathology and cellular profiles of an APOE3 Christchurch homozygote protected against autosomal dominant Alzheimerâ€™s dementia. Acta Neuropathologica, 2022, 144, 589-601.	7.7	32
122	A case-control study of sporadic Creutzfeldt-Jakob disease in Switzerland: analysis of potential risk factors with regard to an increased CJD incidence in the years 2001â€“2004. BMC Public Health, 2009, 9, 18.	2.9	30
123	Detection of SARS-CoV-2 genomic and subgenomic RNA in retina and optic nerve of patients with COVID-19. British Journal of Ophthalmology, 2022, 106, 1313-1317.	3.9	30
124	Transport and distribution of 3-hydroxyglutaric acid before and during induced encephalopathic crises in a mouse model of glutaric aciduria type 1. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2008, 1782, 385-390.	3.8	29
125	IL-17 production by CSF lymphocytes as a biomarker for cerebral vasculitis. Neurology: Neuroimmunology and NeuroInflammation, 2016, 3, e214.	6.0	29
126	Impact of USP8 Gene Mutations on Protein Deregulation in Cushing Disease. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2535-2546.	3.6	29

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127	Germanyâ€™s first COVID-19 deceased: a 59-year-old man presenting with diffuse alveolar damage due to SARS-CoV-2 infection. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2020, 477, 335-339.	2.8	29
128	Induced Prion Protein Controls Immune-Activated Retroviruses in the Mouse Spleen. PLoS ONE, 2007, 2, e1158.	2.5	29
129	Human transmissible spongiform encephalopathies in eleven countries: diagnostic pattern across time, 1993â€“2002. BMC Public Health, 2006, 6, 278.	2.9	28
130	Diagnostic red flags: steroidâ€treated malignant CNS lymphoma mimicking autoimmune inflammatory demyelination. Brain Pathology, 2018, 28, 225-233.	4.1	28
131	Prospective postmortem evaluation of 735 consecutive SARS-CoV-2-associated death cases. Scientific Reports, 2021, 11, 19342.	3.3	28
132	Validation of Revised International Creutzfeldt-Jakob Disease Surveillance Network Diagnostic Criteria for Sporadic Creutzfeldt-Jakob Disease. JAMA Network Open, 2022, 5, e2146319.	5.9	28
133	Organ manifestations of COVID-19: what have we learned so far (not only) from autopsies?. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2022, 481, 139-159.	2.8	28
134	Opposite roles of FOXA1 and NKX2â€1 in lung cancer progression. Genes Chromosomes and Cancer, 2012, 51, 618-629.	2.8	27
135	Immune Activation in Amyloid-Î²-Related Angiitis Correlates with Decreased Parenchymal Amyloid-Î² Plaque Load. Neurodegenerative Diseases, 2014, 13, 38-44.	1.4	26
136	Tetraspanin 3: A central endocytic membrane component regulating the expression of ADAM10, presenilin and the amyloid precursor protein. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 217-230.	4.1	26
137	Immunoprofiling of glial tumours of the neurohypophysis suggests a common pituicytic origin of neoplastic cells. Pituitary, 2017, 20, 211-217.	2.9	26
138	Phagocytosis of Apoptotic Cells Is Specifically Upregulated in ApoE4 Expressing Microglia in vitro. Frontiers in Cellular Neuroscience, 2019, 13, 181.	3.7	26
139	CD74 and CD44 Expression on CTCs in Cancer Patients with Brain Metastasis. International Journal of Molecular Sciences, 2021, 22, 6993.	4.1	26
140	The shifting biology of prions. Brain Research Reviews, 2001, 36, 241-248.	9.0	25
141	Sporadic Creutzfeldt?Jakob disease. Journal of Neurology, 2005, 252, 338-342.	3.6	25
142	Plasminogen Activator Inhibitor Type 1 Up-Regulation Is Associated with Skeletal Muscle Atrophy and Associated Fibrosis. American Journal of Pathology, 2009, 175, 763-771.	3.8	25
143	Deficits in developmental neurogenesis and dendritic spine maturation in mice lacking the serine protease inhibitor neuroserpin. Molecular and Cellular Neurosciences, 2020, 102, 103420.	2.2	25
144	The serine protease inhibitor neuroserpin is required for normal synaptic plasticity and regulates learning and social behavior. Learning and Memory, 2017, 24, 650-659.	1.3	24

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145	Thoracolumbar intradural extramedullary bronchiogenic cyst. Acta Neurochirurgica, 2005, 147, 317-319.	1.7	23
146	Understanding the natural variability of prion diseases. Vaccine, 2007, 25, 5631-5636.	3.8	23
147	Active vaccination with ankyrin G reduces Î²-amyloid pathology in APP transgenic mice. Molecular Psychiatry, 2013, 18, 358-368.	7.9	23
148	The lectin OS-9 delivers mutant neuroserpin to endoplasmic reticulum associated degradation in familial encephalopathy with neuroserpin inclusion bodies. Neurobiology of Aging, 2014, 35, 2394-2403.	3.1	23
149	Shortening heparan sulfate chains prolongs survival and reduces parenchymal plaques in prion disease caused by mobile, ADAM10-cleaved prions. Acta Neuropathologica, 2020, 139, 527-546.	7.7	23
150	Secretory pathway retention of mutant prion protein induces p38-MAPK activation and lethal disease in mice. Scientific Reports, 2016, 6, 24970.	3.3	22
151	Podoplanin and CD34 in peripheral nerve sheath tumours: focus on neurofibromatosis 1-associated atypical neurofibroma. Journal of Neuro-Oncology, 2011, 103, 239-245.	2.9	21
152	A Novel Interaction Between Aging and ER Overload in a Protein Conformational Dementia. Genetics, 2013, 193, 865-876.	2.9	21
153	Oncogenic Amplification of Zygotic Dux Factors in Regenerating p53-Deficient Muscle Stem Cells Defines a Molecular Cancer Subtype. Cell Stem Cell, 2018, 23, 794-805.e4.	11.1	21
154	The secreted glycolytic enzyme GPI/AMF stimulates glioblastoma cell migration and invasion in an autocrine fashion but can have anti-proliferative effects. Neuro-Oncology, 2018, 20, 1594-1605.	1.2	21
155	Aromatase Expression in the Hippocampus of AD Patients and 5xFAD Mice. Neural Plasticity, 2016, 2016, 1-11.	2.2	20
156	Alterations in the brain interactome of the intrinsically disordered N-terminal domain of the cellular prion protein (PrPC) in Alzheimerâ€™s disease. PLoS ONE, 2018, 13, e0197659.	2.5	20
157	Mutations within FGFR1 are associated with superior outcome in a series of 83 diffuse midline gliomas with H3F3A K27M mutations. Acta Neuropathologica, 2021, 141, 323-325.	7.7	20
158	Preclinical Deposition of Pathological Prion Protein in Muscle of Experimentally Infected Primates. PLoS ONE, 2010, 5, e13906.	2.5	19
159	Activation of microglia by retroviral infection correlates with transient clearance of prions from the brain but does not change incubation time. Brain Pathology, 2017, 27, 590-602.	4.1	19
160	N-Glycans and Glycosylphosphatidylinositol-Anchor Act on Polarized Sorting of Mouse PrPC in Madin-Darby Canine Kidney Cells. PLoS ONE, 2011, 6, e24624.	2.5	19
161	Neuroinvasion of Prions: Insights from Mouse Models. Experimental Physiology, 2000, 85, 705-712.	2.0	18
162	Amyloid-Î² Precursor Protein Modulates the Sorting of Testican-1 and Contributes to Its Accumulation in Brain Tissue and Cerebrospinal Fluid from Patients with Alzheimer Disease. Journal of Neuropathology and Experimental Neurology, 2016, 75, 903-916.	1.7	18

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163	Ligands binding to the prion protein induce its proteolytic release with therapeutic potential in neurodegenerative proteinopathies. Science Advances, 2021, 7, eabj1826.	10.3	18
164	Clinical and radiological mimicry of vCJD in a valine homozygous PrP Sc type 1 sCJD patient. Journal of Neurology, 2003, 250, 491-493.	3.6	17
165	Shedding light on prion disease. Prion, 2015, 9, 244-256.	1.8	17
166	Transgenic Overexpression of the Disordered Prion Protein N1 Fragment in Mice Does Not Protect Against Neurodegenerative Diseases Due to Impaired ER Translocation. Molecular Neurobiology, 2020, 57, 2812-2829.	4.0	17
167	Variant Creutzfeldtâ€"Jakob disease: between lymphoid organs and brain. Trends in Microbiology, 2004, 12, 51-53.	7.7	16
168	Plasma levels of neuron specific enolase quantify the extent of neuronal injury in murine models of ischemic stroke and multiple sclerosis. Neurobiology of Disease, 2013, 59, 177-182.	4.4	16
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