Romana Höftberger

List of Publications by Year in descending order

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Version: 2024-02-01

135 papers 11,736 citations

47 h-index

46984

30058 103 g-index

141 all docs

141 docs citations

141 times ranked

10710 citing authors

#	Article	IF	CITATIONS
1	Clinical, serological and genetic predictors of response to immunotherapy in anti-IgLON5 disease. Brain, 2023, 146, 600-611.	3.7	40
2	Dynamic induction of the myelinâ€associated growth inhibitor Nogoâ€A in perilesional plasticity regions after human spinal cord injury. Brain Pathology, 2023, 33, .	2.1	2
3	Clinical and Laboratory Features in Anti-NF155 Autoimmune Nodopathy. Neurology: Neuroimmunology and NeuroInflammation, 2022, 9, .	3.1	30
4	Diagnostic approach and treatment regimens in adult patients suffering from antibody-mediated or paraneoplastic encephalitis. Current Pharmaceutical Design, 2022, 28, .	0.9	1
5	Comparing humoral immune response to SARSâ€CoV2 vaccines in people with multiple sclerosis and healthy controls: An Austrian prospective multicenter cohort study. European Journal of Neurology, 2022, 29, 1538-1544.	1.7	12
6	The Digital Brain Tumour Atlas, an open histopathology resource. Scientific Data, 2022, 9, 55.	2.4	11
7	IgG4 Autoantibodies in Organ-Specific Autoimmunopathies: Reviewing Class Switching, Antibody-Producing Cells, and Specific Immunotherapies. Frontiers in Immunology, 2022, 13, 834342.	2.2	14
8	Increased expression of complement components in tuberous sclerosis complex and focal cortical dysplasia type 2B brain lesions. Epilepsia, 2022, 63, 364-374.	2.6	10
9	Tissue-resident CD8 ⁺ T cells drive compartmentalized and chronic autoimmune damage against CNS neurons. Science Translational Medicine, 2022, 14, eabl6157.	5.8	35
10	A systematic review and meta-analysis of HLAÂclassÂll associations in patients with IgG4 autoimmunity. Scientific Reports, 2022, 12, .	1.6	8
11	Paraneoplastic Cerebellar Degeneration With P/Q-VGCC vs Yo Autoantibodies. Neurology: Neuroimmunology and NeuroInflammation, 2022, 9, .	3.1	10
12	Longitudinal measurement of cerebrospinal fluid neurofilament light in antiâ€Nâ€methylâ€Dâ€aspartate receptor encephalitis. European Journal of Neurology, 2021, 28, 1401-1405.	1.7	12
13	Archeological neuroimmunology: resurrection of a pathogenic immune response from a historical case sheds light on human autoimmune encephalomyelitis and multiple sclerosis. Acta Neuropathologica, 2021, 141, 67-83.	3.9	11
14	Acute and non-resolving inflammation associate with oxidative injury after human spinal cord injury. Brain, 2021, 144, 144-161.	3.7	95
15	Coâ€incidental <i>C9orf72</i> expansion mutationâ€related frontotemporal lobar degeneration pathology and sporadic Creutzfeldtâ°Jakob disease. European Journal of Neurology, 2021, 28, 1009-1015.	1.7	2
16	Antibodies to MOG in CSF only: pathological findings support the diagnostic value. Acta Neuropathologica, 2021, 141, 801-804.	3.9	14
17	Longitudinal CSF Findings in Autoimmune Encephalitis—A Monocentric Cohort Study. Frontiers in Immunology, 2021, 12, 646940.	2.2	18
18	Antibodies to the Caspr1/contactin-1 complex in chronic inflammatory demyelinating polyradiculoneuropathy. Brain, 2021, 144, 1183-1196.	3.7	46

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19	Autoimmune Global Amnesia as Manifestation of AMPAR Encephalitis and Neuropathologic Findings. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, .	3.1	10
20	Functional Recovery in Autoimmune Encephalitis: A Prospective Observational Study. Frontiers in Immunology, 2021, 12, 641106.	2.2	2
21	Differential Binding of Autoantibodies to MOG Isoforms in Inflammatory Demyelinating Diseases. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, .	3.1	16
22	Kurt Jellinger 90: his contribution to neuroimmunology. Journal of Neural Transmission, 2021, 128, 1545-1550.	1.4	0
23	Morpho-Molecular Metabolic Analysis and Classification of Human Pituitary Gland and Adenoma Biopsies Based on Multimodal Optical Imaging. Cancers, 2021, 13, 3234.	1.7	8
24	Frequency and Characterization of Movement Disorders in Anti-IgLON5 Disease. Neurology, 2021, 97, .	1.5	50
25	Ocular Motor Abnormalities in Anti-IgLON5 Disease. Frontiers in Immunology, 2021, 12, 753856.	2.2	10
26	Neuropathological Variability within a Spectrum of <scp>NMDAR</scp> â€Encephalitis. Annals of Neurology, 2021, 90, 725-737.	2.8	35
27	Humoral immune response after COVID-19 in multiple sclerosis: A nation-wide Austrian study. Multiple Sclerosis Journal, 2021, 27, 2209-2218.	1.4	25
28	Paraneoplastic encephalomyeloradiculits with multiple autoantibodies against ITPR-1, GFAP and MOG: case report and literature review. Neurological Research and Practice, 2021, 3, 48.	1.0	11
29	Diagnosis of Pituitary Adenoma Biopsies by Ultrahigh Resolution Optical Coherence Tomography Using Neuronal Networks. Frontiers in Endocrinology, 2021, 12, 730100.	1.5	2
30	Anti-Neuronal IgG4 Autoimmune Diseases and IgG4-Related Diseases May Not Be Part of the Same Spectrum: A Comparative Study. Frontiers in Immunology, 2021, 12, 785247.	2.2	13
31	Cerebrospinal fluid findings in patients with myelin oligodendrocyte glycoprotein (MOG) antibodies. Part 1:ÂResults from 163 lumbar punctures in 100 adult patients. Journal of Neuroinflammation, 2020, 17, 261.	3.1	84
32	Cerebrospinal fluid findings in patients with myelin oligodendrocyte glycoprotein (MOG) antibodies. Part 2: Results from 108 lumbar punctures in 80 pediatric patients. Journal of Neuroinflammation, 2020, 17, 262.	3.1	44
33	Clinical features, prognostic factors, and antibody effects in anti-mGluR1 encephalitis. Neurology, 2020, 95, e3012-e3025.	1.5	60
34	Clinical and imaging features of children with autoimmune encephalitis and MOG antibodies. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	3.1	67
35	NMDAR Encephalitis Associated With Acute Chikungunya Virus Infection: A New Trigger?. Frontiers in Pediatrics, 2020, 8, 176.	0.9	12
36	Antibodies to nodal/paranodal proteins in paediatric immune-mediated neuropathy. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	3.1	15

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37	A Fulminant Case of Demyelinating Encephalitis With Extensive Cortical Involvement Associated With Anti-MOG Antibodies. Frontiers in Neurology, 2020, 11, 31.	1.1	14
38	GABA _A receptor autoimmunity after alemtuzumab treatment for multiple sclerosis. Neurology, 2020, 95, 399-401.	1.5	11
39	Routine diagnostics for neural antibodies, clinical correlates, treatment and functional outcome. Journal of Neurology, 2020, 267, 2101-2114.	1.8	40
40	The pathology of central nervous system inflammatory demyelinating disease accompanying myelin oligodendrocyte glycoprotein autoantibody. Acta Neuropathologica, 2020, 139, 875-892.	3.9	205
41	Towards ultrahigh resolution OCT based endoscopical pituitary gland and adenoma screening: a performance parameter evaluation. Biomedical Optics Express, 2020, 11, 7003.	1.5	6
42	Challenging Knosp high-grade pituitary adenomas. Journal of Neurosurgery, 2020, 132, 1739-1746.	0.9	43
43	Subarachnoid hemorrhage in rats – Visualizing blood distribution in vivo using gadolinium-enhanced magnetic resonance imaging: Technical note. Journal of Neuroscience Methods, 2019, 325, 108370.	1.3	1
44	Line Scan Raman Microspectroscopy for Label-Free Diagnosis of Human Pituitary Biopsies. Molecules, 2019, 24, 3577.	1.7	6
45	The influence of brain iron on myelin water imaging. Neurolmage, 2019, 199, 545-552.	2.1	68
46	Distinct serum and cerebrospinal fluid cytokine and chemokine profiles in autoantibody-associated demyelinating diseases. Multiple Sclerosis Journal - Experimental, Translational and Clinical, 2019, 5, 205521731984846.	0.5	10
47	Two Cases of Pediatric AQP4-Antibody Positive Neuromyelitis Optica Spectrum Disorder Successfully Treated with Tocilizumab. Neuropediatrics, 2019, 50, 193-196.	0.3	10
48	CD8+ T cell-mediated endotheliopathy is a targetable mechanism of neuro-inflammation in Susac syndrome. Nature Communications, 2019, 10, 5779.	5.8	87
49	HLA and microtubule-associated protein tau H1 haplotype associations in anti-lgLON5 disease. Neurology: Neuroimmunology and NeuroInflammation, 2019, 6, .	3.1	55
50	Endoscopic Transsphenoidal Surgery of Microprolactinomas: A Reappraisal of Cure Rate Based on Radiological Criteria. Neurosurgery, 2019, 85, 508-515.	0.6	23
51	Microvessels may Confound the "Swallow Tail Sign―in Normal Aged Midbrains: A Postmortem 7 T SWâ€MRI Study. Journal of Neuroimaging, 2019, 29, 65-69.	1.0	14
52	Lymphomatosis cerebri and anti-NMDAR antibodies: A unique constellation. Journal of the Neurological Sciences, 2019, 398, 19-21.	0.3	6
53	Long-term outcome after Gamma Knife radiosurgery for acoustic neuroma of all Koos grades: a single-center study. Journal of Neurosurgery, 2019, 130, 388-397.	0.9	42
54	Diagnostic challenges and pitfalls of myelin oligodendrocyte glycoprotein antibody–associated demyelination. Neurology: Neuroimmunology and NeuroInflammation, 2019, 6, e544.	3.1	5

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55	Video Neurolmages: Head titubation in anti-mGluR1 autoantibody-associated cerebellitis. Neurology, 2018, 90, 746-747.	1.5	12
56	MGMT assessment in pituitary adenomas: comparison of different immunohistochemistry fixation chemicals. Pituitary, 2018, 21, 266-273.	1.6	6
57	Filamentous Aggregation of Sequestosome-1/p62 in Brain Neurons and Neuroepithelial Cells upon Tyr-Cre-Mediated Deletion of the Autophagy Gene Atg7. Molecular Neurobiology, 2018, 55, 8425-8437.	1.9	13
58	Immune-mediated disorders. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 145, 285-299.	1.0	21
59	Inflammatory demyelinating diseases of the central nervous system. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 145, 263-283.	1.0	117
60	Paraneoplastic neuromyelitis optica spectrum disorder: A case report and review of the literature. Journal of Clinical Neuroscience, 2018, 48, 7-10.	0.8	19
61	Management of Autoimmune Encephalitis: An Observational Monocentric Study of 38 Patients. Frontiers in Immunology, 2018, 9, 2708.	2.2	21
62	Detection Methods for Autoantibodies in Suspected Autoimmune Encephalitis. Frontiers in Neurology, 2018, 9, 841.	1.1	60
63	Autoimmune encephalitis: a review of diagnosis and treatment. Arquivos De Neuro-Psiquiatria, 2018, 76, 41-49.	0.3	84
64	Omics-Based Approach Reveals Complement-Mediated Inflammation in Chronic Lymphocytic Inflammation With Pontine Perivascular Enhancement Responsive to Steroids (CLIPPERS). Frontiers in Immunology, 2018, 9, 741.	2.2	10
65	Pathogenicity of human antibodies against myelin oligodendrocyte glycoprotein. Annals of Neurology, 2018, 84, 315-328.	2.8	140
66	Impaired plasticity of macrophages in X-linked adrenoleukodystrophy. Brain, 2018, 141, 2329-2342.	3.7	52
67	Muscular and cardiac manifestations in a Duchenne-carrier harboring a <i>dystrophin</i> deletion of exons 12-29. Intractable and Rare Diseases Research, 2018, 7, 120-125.	0.3	12
68	The influence of brain iron and myelin on magnetic susceptibility and effective transverse relaxation - A biochemical and histological validation study. NeuroImage, 2018, 179, 117-133.	2.1	129
69	Teaching Case 5-2018: Integrated morphological and immunological work-up of neurosurgical specimen allows accurate diagnosis of neuroinflammatory lesions: an example of acute disseminated encephalomyelitis (ADEM) associated with anti-MOG antibodies. , 2018, 37, 206-208.		4
70	Multimodal treatment of parasagittal meningiomas: a single-center experience. Journal of Neurosurgery, 2017, 127, 1249-1256.	0.9	28
71	lgLON5 autoimmunity tested negative in patients with progressive supranuclear palsy and corticobasal syndrome. Parkinsonism and Related Disorders, 2017, 38, 102-103.	1.1	18
72	Susceptibility-sensitive MRI of multiple sclerosis lesions and the impact of normal-appearing white matter changes. NMR in Biomedicine, 2017, 30, e3727.	1.6	39

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73	PRKAR1A mutation causing pituitary-dependent Cushing disease in a patient with Carney complex. European Journal of Endocrinology, 2017, 177, K7-K12.	1.9	36
74	An experimental animal model for percutaneous procedures used in trigeminal neuralgia. Acta Neurochirurgica, 2017, 159, 1341-1348.	0.9	4
75	ADEM-like presentation, anti-MOG antibodies, and MS pathology: TWO case reports. Neurology: Neuroimmunology and NeuroInflammation, 2017, 4, e335.	3.1	65
76	Morvan syndrome as a paraneoplastic disorder of thymoma with anti-CASPR2 antibodies. Lancet, The, 2017, 389, 1367-1368.	6.3	20
77	MGMT and MSH6 immunoexpression for functioning pituitary macroadenomas. Pituitary, 2017, 20, 643-653.	1.6	24
78	Prognostic relevance of MOG antibodies in children with an acquired demyelinating syndrome. Neurology, 2017, 89, 900-908.	1.5	278
79	Slow expansion of multiple sclerosis iron rim lesions: pathology and 7ÂT magnetic resonance imaging. Acta Neuropathologica, 2017, 133, 25-42.	3.9	315
80	Tau pathology in Creutzfeldtâ€Jakob disease revisited. Brain Pathology, 2017, 27, 332-344.	2.1	61
81	Methodological Challenges in Protein Microarray and Immunohistochemistry for the Discovery of Novel Autoantibodies in Paediatric Acute Disseminated Encephalomyelitis. International Journal of Molecular Sciences, 2017, 18, 679.	1.8	5
82	Myelin Oligodendrocyte Glycoprotein: Deciphering a Target in Inflammatory Demyelinating Diseases. Frontiers in Immunology, 2017, 8, 529.	2.2	184
83	MOG antibody seropositivity in a patient with encephalitis: beyond the classical syndrome. BMC Neurology, 2017, 17, 190.	0.8	21
84	Human antibodies against the myelin oligodendrocyte glycoprotein can cause complement-dependent demyelination. Journal of Neuroinflammation, 2017, 14, 208.	3.1	105
85	Neuropathological criteria of anti-IgLON5-related tauopathy. Acta Neuropathologica, 2016, 132, 531-543.	3.9	173
86	Multicentre comparison of a diagnostic assay: aquaporin-4 antibodies in neuromyelitis optica. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 1005-1015.	0.9	228
87	Dura mater is a potential source of $\hat{Al^2}$ seeds. Acta Neuropathologica, 2016, 131, 911-923.	3.9	85
88	Transient paralysis of diaphragm in Waldenstroms disease; a focal variant of Guillain-Barr $\tilde{\mathbb{A}}$ \mathbb{C} syndrome?. Journal of the Neurological Sciences, 2016, 366, 1-2.	0.3	1
89	Clinicopathological description of two cases with <i>SQSTM1</i> gene mutation associated with frontotemporal dementia. Neuropathology, 2016, 36, 27-38.	0.7	26
90	Characterization of the binding pattern of human aquaporin-4 autoantibodies in patients with neuromyelitis optica spectrum disorders. Journal of Neuroinflammation, 2016, 13, 176.	3.1	14

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91	Children with multiphasic disseminated encephalomyelitis and antibodies to the myelin oligodendrocyte glycoprotein (MOG): Extending the spectrum of MOG antibody positive diseases. Multiple Sclerosis Journal, 2016, 22, 1821-1829.	1.4	128
92	The topograpy of demyelination and neurodegeneration in the multiple sclerosis brain. Brain, 2016, 139, 807-815.	3.7	307
93	A clinical approach to diagnosis of autoimmune encephalitis. Lancet Neurology, The, 2016, 15, 391-404.	4.9	2,782
94	Novel Histopathological Patterns in Cortical Tubers of Epilepsy Surgery Patients with Tuberous Sclerosis Complex. PLoS ONE, 2016, 11, e0157396.	1.1	69
95	Autoimmune encephalitis in humans: how closely does it reflect multiple sclerosis?. Acta Neuropathologica Communications, 2015, 3, 80.	2.4	17
96	Anti-Hu Antibody Associated Paraneoplastic Cerebellar Degeneration in Head and Neck Cancer. BMC Cancer, 2015, 15, 996.	1.1	8
97	Update on neurological paraneoplastic syndromes. Current Opinion in Oncology, 2015, 27, 489-495.	1.1	192
98	I716F AβPP Mutation Associates with the Deposition of Oligomeric Pyroglutamate Amyloid-β and \hat{l}_{\pm} -Synucleinopathy with Lewy Bodies. Journal of Alzheimer's Disease, 2015, 44, 103-114.	1.2	13
99	Neuroimmunology: An Expanding Frontier in Autoimmunity. Frontiers in Immunology, 2015, 6, 206.	2.2	59
100	Investigations on CXCL13 in Anti– <i>N</i> -Methyl- <scp>D</scp> -Aspartate Receptor Encephalitis. JAMA Neurology, 2015, 72, 180.	4.5	142
101	Fulminant demyelinating encephalomyelitis. Neurology: Neuroimmunology and NeuroInflammation, 2015, 2, e175.	3.1	75
102	Immunoglobulin <scp>G</scp> antibodies to the <scp>N</scp> â€Methylâ€ <scp>D</scp> â€aspartate receptor are distinct from immunoglobulin <scp>A</scp> and immunoglobulin <scp>M</scp> responses. Annals of Neurology, 2015, 77, 183-183.	2.8	20
103	A case of variably protease-sensitive prionopathy treated with doxycyclin. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 816-818.	0.9	23
104	Encephalitis and AMPA receptor antibodies. Neurology, 2015, 84, 2403-2412.	1.5	311
105	Paraneoplastic Neurological Syndromes and Glutamic Acid Decarboxylase Antibodies. JAMA Neurology, 2015, 72, 874.	4.5	169
106	The secretome of apoptotic human peripheral blood mononuclear cells attenuates secondary damage following spinal cord injury in rats. Experimental Neurology, 2015, 267, 230-242.	2.0	54
107	Antibodies to Aquaporin 4, Myelin-Oligodendrocyte Glycoprotein, and the Glycine Receptor $\hat{l}\pm 1$ Subunit in Patients With Isolated Optic Neuritis. JAMA Neurology, 2015, 72, 187.	4.5	119
108	NMDA receptor antibodies. Neurology: Neuroimmunology and NeuroInflammation, 2015, 2, e141.	3.1	44

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109	Antibodies to MOG and AQP4 in adults with neuromyelitis optica and suspected limited forms of the disease. Multiple Sclerosis Journal, 2015, 21, 866-874.	1.4	241
110	Comparison of Diagnostic Accuracy of Microscopy and Flow Cytometry in Evaluating N-Methyl-D-Aspartate Receptor Antibodies in Serum Using a Live Cell-Based Assay. PLoS ONE, 2015, 10, e0122037.	1.1	27
111	Immunohistochemistry., 2015, , 143-158.		1
112	Carbonic anhydraseâ€related protein <scp>VIII</scp> antibodies and paraneoplastic cerebellar degeneration. Neuropathology and Applied Neurobiology, 2014, 40, 650-653.	1.8	29
113	Overlapping demyelinating syndromes and anti–Nâ€methylâ€Dâ€aspartate receptor encephalitis. Annals of Neurology, 2014, 75, 411-428.	2.8	405
114	Herpes simplex virus encephalitis is a trigger of brain autoimmunity. Annals of Neurology, 2014, 75, 317-323.	2.8	372
115	Protein kinase \hat{C}^3 antibodies and paraneoplastic cerebellar degeneration. Journal of Neuroimmunology, 2013, 256, 91-93.	1.1	23
116	Presence of six different lesion types suggests diverse mechanisms of tissue injury in neuromyelitis optica. Acta Neuropathologica, 2013, 125, 815-827.	3.9	199
117	Characterization of the inflammatory response to solid cancer metastases in the human brain. Clinical and Experimental Metastasis, 2013, 30, 69-81.	1.7	81
118	Disease-specific molecular events in cortical multiple sclerosis lesions. Brain, 2013, 136, 1799-1815.	3.7	249
119	Patient With Homer-3 Antibodies and Cerebellitis. JAMA Neurology, 2013, 70, 506.	4.5	55
120	Encephalitis and GABA _B receptor antibodies. Neurology, 2013, 81, 1500-1506.	1.5	412
121	Antibody Repertoire in Paraneoplastic Cerebellar Degeneration and Small Cell Lung Cancer. PLoS ONE, 2013, 8, e60438.	1.1	70
122	An Optimized Immunohistochemistry Technique Improves NMO-lgG Detection: Study Comparison with Cell-Based Assays. PLoS ONE, 2013, 8, e79083.	1.1	39
123	Clinical Neuropathology practice guide 4-2013: post-herpes simplex encephalitis: N-methyl-Daspartate receptor antibodies are part of the problem., 2013, 32, 251-254.		42
124	Atypical Multiple Lipomatosis as Sole Manifestation of a Mitochondrial Disorder. Canadian Journal of Neurological Sciences, 2012, 39, 252-253.	0.3	0
125	Clinical neuropathology practice guide 5-2012: Updated guideline for the diagnosis of antineuronal antibodies., 2012, 31, 337-341.		34
126	Oxidative damage in multiple sclerosis lesions. Brain, 2011, 134, 1914-1924.	3.7	585

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127	Restrictive cardiomyopathy as a cardiac manifestation of myofibrillar myopathy. Heart and Lung: Journal of Acute and Critical Care, 2011, 40, e123-e127.	0.8	5
128	Left ventricular hypertrabeculation/noncompaction in hereditary inclusion body myopathy. International Journal of Cardiology, 2011, 150, e67-e69.	0.8	13
129	Tubulin polymerization promoting protein (TPPP/p25) as a marker for oligodendroglial changes in multiple sclerosis. Glia, 2010, 58, 1847-1857.	2.5	61
130	Peroxisomal Localization of the Proopiomelanocortin-Derived Peptides \hat{l}^2 -Lipotropin and \hat{l}^2 -Endorphin. Endocrinology, 2010, 151, 4801-4810.	1.4	9
131	Malignant hyperthermia susceptibility in a patient with mitochondrial disorder. Metabolic Brain Disease, 2009, 24, 501-506.	1.4	4
132	Function of the tryptophan metabolite, L-kynurenine, in human corneal endothelial cells. Molecular Vision, 2009, 15, 1312-24.	1.1	18
133	Distribution and cellular localization of adrenoleukodystrophy protein in human tissues: Implications for X-linked adrenoleukodystrophy. Neurobiology of Disease, 2007, 28, 165-174.	2.1	47
134	The brain-specific protein TPPP/p25 in pathological protein deposits of neurodegenerative diseases. Acta Neuropathologica, 2007, 113, 153-161.	3.9	65
135	Endoplasmic Reticulum Stress Features Are Prominent in Alzheimer Disease but Not in Prion Diseases In Vivo. Journal of Neuropathology and Experimental Neurology, 2006, 65, 348-357.	0.9	196