Romana HÃ¶ftberger

List of Publications by Year
in descending order

135	11,736	46984 47	30058 103
papers	citations	h-index	g-index

141	141	141	10710
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A clinical approach to diagnosis of autoimmune encephalitis. Lancet Neurology, The, 2016, 15, 391-404.	4.9	2,782
2	Oxidative damage in multiple sclerosis lesions. Brain, 2011, 134, 1914-1924.	3.7	585
3	Encephalitis and GABA _B receptor antibodies. Neurology, 2013, 81, 1500-1506.	1.5	412
4	Overlapping demyelinating syndromes and antiâ€“Nâ€methylâ€Dâ€aspartate receptor encephalitis. Annals of Neurology, 2014, 75, 411-428.	2.8	405
5	Herpes simplex virus encephalitis is a trigger of brain autoimmunity. Annals of Neurology, 2014, 75, 317-323.	2.8	372
6	Slow expansion of multiple sclerosis iron rim lesions: pathology and 7ÂT magnetic resonance imaging. Acta Neuropathologica, 2017, 133, 25-42.	3.9	315
7	Encephalitis and AMPA receptor antibodies. Neurology, 2015, 84, 2403-2412.	1.5	311
8	The topograpy of demyelination and neurodegeneration in the multiple sclerosis brain. Brain, 2016, 139, 807-815.	3.7	307
9	Prognostic relevance of MOG antibodies in children with an acquired demyelinating syndrome. Neurology, 2017, 89, 900-908.	1.5	278
10	Disease-specific molecular events in cortical multiple sclerosis lesions. Brain, 2013, 136, 1799-1815.	3.7	249
11	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
12	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
13	The pathology of central nervous system inflammatory demyelinating disease accompanying myelin oligodendrocyte glycoprotein autoantibody. Acta Neuropathologica, 2020, 139, 875-892.	3.9	205
14	Presence of six different lesion types suggests diverse mechanisms of tissue injury in neuromyelitis optica. Acta Neuropathologica, 2013, 125, 815-827.	3.9	199
15	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
16	Update on neurological paraneoplastic syndromes. Current Opinion in Oncology, 2015, 27, 489-495.	1.1	192
17	Myelin Oligodendrocyte Glycoprotein: Deciphering a Target in Inflammatory Demyelinating Diseases. Frontiers in Immunology, 2017, 8, 529.	2.2	184
18	Neuropathological criteria of anti-IgLON5-related tauopathy. Acta Neuropathologica, 2016, 132, 531-543.	3.9	173

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19	Paraneoplastic Neurological Syndromes and Glutamic Acid Decarboxylase Antibodies. JAMA Neurology, 2015, 72, 874.	4.5	169
20	Investigations on CXCL13 in Antiâ€“N-Methyl-<scp>D</scp>-Aspartate Receptor Encephalitis. JAMA Neurology, 2015, 72, 180.	4.5	142
21	Pathogenicity of human antibodies against myelin oligodendrocyte glycoprotein. Annals of Neurology, 2018, 84, 315-328.	2.8	140
22	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
23	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
24	Antibodies to Aquaporin 4, Myelin-Oligodendrocyte Glycoprotein, and the Glycine Receptor Î±1 Subunit in Patients With Isolated Optic Neuritis. JAMA Neurology, 2015, 72, 187.	4.5	119
25	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
26	Human antibodies against the myelin oligodendrocyte glycoprotein can cause complement-dependent demyelination. Journal of Neuroinflammation, 2017, 14, 208.	3.1	105
27	Acute and non-resolving inflammation associate with oxidative injury after human spinal cord injury. Brain, 2021, 144, 144-161.	3.7	95
28	CD8+ T cell-mediated endotheliopathy is a targetable mechanism of neuro-inflammation in Susac syndrome. Nature Communications, 2019, 10, 5779.	5.8	87
29	Dura mater is a potential source of AÎ² seeds. Acta Neuropathologica, 2016, 131, 911-923.	3.9	85
30	Autoimmune encephalitis: a review of diagnosis and treatment. Arquivos De Neuro-Psiquiatria, 2018, 76, 41-49.	0.3	84
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	Characterization of the inflammatory response to solid cancer metastases in the human brain. Clinical and Experimental Metastasis, 2013, 30, 69-81.	1.7	81
33	Fulminant demyelinating encephalomyelitis. Neurology: Neuroimmunology and NeuroInflammation, 2015, 2, e175.	3.1	75
34	Antibody Repertoire in Paraneoplastic Cerebellar Degeneration and Small Cell Lung Cancer. PLoS ONE, 2013, 8, e60438.	1.1	70
35	Novel Histopathological Patterns in Cortical Tubers of Epilepsy Surgery Patients with Tuberous Sclerosis Complex. PLoS ONE, 2016, 11, e0157396.	1.1	69
36	The influence of brain iron on myelin water imaging. NeuroImage, 2019, 199, 545-552.	2.1	68

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37	Clinical and imaging features of children with autoimmune encephalitis and MOG antibodies. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	3.1	67
38	The brain-specific protein TPPP/p25 in pathological protein deposits of neurodegenerative diseases. Acta Neuropathologica, 2007, 113, 153-161.	3.9	65
39	ADEM-like presentation, anti-MOG antibodies, and MS pathology: TWO case reports. Neurology: Neuroimmunology and NeuroInflammation, 2017, 4, e335.	3.1	65
40	Tubulin polymerization promoting protein (TPPP/p25) as a marker for oligodendroglial changes in multiple sclerosis. Glia, 2010, 58, 1847-1857.	2.5	61
41	Tau pathology in Creutzfeldtâ€Jakob disease revisited. Brain Pathology, 2017, 27, 332-344.	2.1	61
42	Detection Methods for Autoantibodies in Suspected Autoimmune Encephalitis. Frontiers in Neurology, 2018, 9, 841.	1.1	60
43	Clinical features, prognostic factors, and antibody effects in anti-mGluR1 encephalitis. Neurology, 2020, 95, e3012-e3025.	1.5	60
44	Neuroimmunology: An Expanding Frontier in Autoimmunity. Frontiers in Immunology, 2015, 6, 206.	2.2	59
45	Patient With Homer-3 Antibodies and Cerebellitis. JAMA Neurology, 2013, 70, 506.	4.5	55
46	HLA and microtubule-associated protein tau H1 haplotype associations in anti-IgLON5 disease. Neurology: Neuroimmunology and NeuroInflammation, 2019, 6, .	3.1	55
47	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
48	Impaired plasticity of macrophages in X-linked adrenoleukodystrophy. Brain, 2018, 141, 2329-2342.	3.7	52
49	Frequency and Characterization of Movement Disorders in Anti-IgLON5 Disease. Neurology, 2021, 97, .	1.5	50
50	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
51	Antibodies to the Caspr1/contactin-1 complex in chronic inflammatory demyelinating polyradiculoneuropathy. Brain, 2021, 144, 1183-1196.	3.7	46
52	NMDA receptor antibodies. Neurology: Neuroimmunology and NeuroInflammation, 2015, 2, e141.	3.1	44
53	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
54	Challenging Knosp high-grade pituitary adenomas. Journal of Neurosurgery, 2020, 132, 1739-1746.	0.9	43

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55	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
56	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
57	Routine diagnostics for neural antibodies, clinical correlates, treatment and functional outcome. Journal of Neurology, 2020, 267, 2101-2114.	1.8	40
58	Clinical, serological and genetic predictors of response to immunotherapy in anti-IgLON5 disease. Brain, 2023, 146, 600-611.	3.7	40
59	An Optimized Immunohistochemistry Technique Improves NMO-IgG Detection: Study Comparison with Cell-Based Assays. PLoS ONE, 2013, 8, e79083.	1.1	39
60	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
61	PRKAR1A mutation causing pituitary-dependent Cushing disease in a patient with Carney complex. European Journal of Endocrinology, 2017, 177, K7-K12.	1.9	36
62	Neuropathological Variability within a Spectrum of <scp>NMDAR</scp>â€Encephalitis. Annals of Neurology, 2021, 90, 725-737.	2.8	35
63	Tissue-resident CD8 ⁺ T cells drive compartmentalized and chronic autoimmune damage against CNS neurons. Science Translational Medicine, 2022, 14, eabl6157.	5.8	35
64	Clinical neuropathology practice guide 5-2012: Updated guideline for the diagnosis of antineuronal antibodies. , 2012, 31, 337-341.		34
65	Clinical and Laboratory Features in Anti-NF155 Autoimmune Nodopathy. Neurology: Neuroimmunology and NeuroInflammation, 2022, 9, .	3.1	30
66	Carbonic anhydraseâ€related protein <scp>VIII</scp> antibodies and paraneoplastic cerebellar degeneration. Neuropathology and Applied Neurobiology, 2014, 40, 650-653.	1.8	29
67	Multimodal treatment of parasagittal meningiomas: a single-center experience. Journal of Neurosurgery, 2017, 127, 1249-1256.	0.9	28
68	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
69	Clinicopathological description of two cases with SQSTM1 gene mutation associated with frontotemporal dementia. Neuropathology, 2016, 36, 27-38.	0.7	26
70	Humoral immune response after COVID-19 in multiple sclerosis: A nation-wide Austrian study. Multiple Sclerosis Journal, 2021, 27, 2209-2218.	1.4	25
71	MGMT and MSH6 immunoexpression for functioning pituitary macroadenomas. Pituitary, 2017, 20, 643-653.	1.6	24
72	Protein kinase CÎ³ antibodies and paraneoplastic cerebellar degeneration. Journal of Neuroimmunology, 2013, 256, 91-93.	1.1	23

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73	A case of variably protease-sensitive prionopathy treated with doxycyclin. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 816-818.	0.9	23
74	Endoscopic Transsphenoidal Surgery of Microprolactinomas: A Reappraisal of Cure Rate Based on Radiological Criteria. Neurosurgery, 2019, 85, 508-515.	0.6	23
75	MOG antibody seropositivity in a patient with encephalitis: beyond the classical syndrome. BMC Neurology, 2017, 17, 190.	0.8	21
76	Immune-mediated disorders. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 145, 285-299.	1.0	21
77	Management of Autoimmune Encephalitis: An Observational Monocentric Study of 38 Patients. Frontiers in Immunology, 2018, 9, 2708.	2.2	21
78	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
79	Morvan syndrome as a paraneoplastic disorder of thymoma with anti-CASPR2 antibodies. Lancet, The, 2017, 389, 1367-1368.	6.3	20
80	Paraneoplastic neuromyelitis optica spectrum disorder: A case report and review of the literature. Journal of Clinical Neuroscience, 2018, 48, 7-10.	0.8	19
81	IgLON5 autoimmunity tested negative in patients with progressive supranuclear palsy and corticobasal syndrome. Parkinsonism and Related Disorders, 2017, 38, 102-103.	1.1	18
82	Longitudinal CSF Findings in Autoimmune Encephalitisâ€"A Monocentric Cohort Study. Frontiers in Immunology, 2021, 12, 646940.	2.2	18
83	Function of the tryptophan metabolite, L-kynurenine, in human corneal endothelial cells. Molecular Vision, 2009, 15, 1312-24.	1.1	18
84	Autoimmune encephalitis in humans: how closely does it reflect multiple sclerosis ?. Acta Neuropathologica Communications, 2015, 3, 80.	2.4	17
85	Differential Binding of Autoantibodies to MOG Isoforms in Inflammatory Demyelinating Diseases. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, .	3.1	16
86	Antibodies to nodal/paranodal proteins in paediatric immune-mediated neuropathy. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	3.1	15
87	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
88	Microvessels may Confound the â€œSwallow Tail Signâ€•in Normal Aged Midbrains: A Postmortem 7 T SWâ€MRI Study. Journal of Neuroimaging, 2019, 29, 65-69.	1.0	14
89	A Fulminant Case of Demyelinating Encephalitis With Extensive Cortical Involvement Associated With Anti-MOG Antibodies. Frontiers in Neurology, 2020, 11, 31.	1.1	14
90	Antibodies to MOG in CSF only: pathological findings support the diagnostic value. Acta Neuropathologica, 2021, 141, 801-804.	3.9	14

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91	IgG4 Autoantibodies in Organ-Specific Autoimmunopathies: Reviewing Class Switching, Antibody-Producing Cells, and Specific Immunotherapies. Frontiers in Immunology, 2022, 13, 834342.	2.2	14
92	Left ventricular hypertrabeculation/noncompaction in hereditary inclusion body myopathy. International Journal of Cardiology, 2011, 150, e67-e69.	0.8	13
93	I716F AÎ²PP Mutation Associates with the Deposition of Oligomeric Pyroglutamate Amyloid-Î² and Î±-Synucleinopathy with Lewy Bodies. Journal of Alzheimer's Disease, 2015, 44, 103-114.	1.2	13
94	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
95	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
96	Video NeuroImages: Head titubation in anti-mGluR1 autoantibody-associated cerebellitis. Neurology, 2018, 90, 746-747.	1.5	12
97	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
98	NMDAR Encephalitis Associated With Acute Chikungunya Virus Infection: A New Trigger?. Frontiers in Pediatrics, 2020, 8, 176.	0.9	12
99	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
100	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
101	GABA _A receptor autoimmunity after alemtuzumab treatment for multiple sclerosis. Neurology, 2020, 95, 399-401.	1.5	11
102	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
103	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
104	The Digital Brain Tumour Atlas, an open histopathology resource. Scientific Data, 2022, 9, 55.	2.4	11
105	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
106	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
107	Two Cases of Pediatric AQP4-Antibody Positive Neuromyelitis Optica Spectrum Disorder Successfully Treated with Tocilizumab. Neuropediatrics, 2019, 50, 193-196.	0.3	10
108	Autoimmune Global Amnesia as Manifestation of AMPAR Encephalitis and Neuropathologic Findings. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, .	3.1	10

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109	Ocular Motor Abnormalities in Anti-IgLON5 Disease. Frontiers in Immunology, 2021, 12, 753856.	2.2	10
110	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
111	Paraneoplastic Cerebellar Degeneration With P/Q-VGCC vs Yo Autoantibodies. Neurology: Neuroimmunology and NeuroInflammation, 2022, 9, .	3.1	10
112	Peroxisomal Localization of the Proopiomelanocortin-Derived Peptides Î²-Lipotropin and Î²-Endorphin. Endocrinology, 2010, 151, 4801-4810.	1.4	9
113	Anti-Hu Antibody Associated Paraneoplastic Cerebellar Degeneration in Head and Neck Cancer. BMC Cancer, 2015, 15, 996.	1.1	8
114	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
115	A systematic review and meta-analysis of HLAÂclassÂII associations in patients with IgG4 autoimmunity. Scientific Reports, 2022, 12, .	1.6	8
116	MGMT assessment in pituitary adenomas: comparison of different immunohistochemistry fixation chemicals. Pituitary, 2018, 21, 266-273.	1.6	6
117	Line Scan Raman Microspectroscopy for Label-Free Diagnosis of Human Pituitary Biopsies. Molecules, 2019, 24, 3577.	1.7	6
118	Lymphomatosis cerebri and anti-NMDAR antibodies: A unique constellation. Journal of the Neurological Sciences, 2019, 398, 19-21.	0.3	6
119	Towards ultrahigh resolution OCT based endoscopical pituitary gland and adenoma screening: a performance parameter evaluation. Biomedical Optics Express, 2020, 11, 7003.	1.5	6
120	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
121	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
122	Diagnostic challenges and pitfalls of myelin oligodendrocyte glycoprotein antibodyâ€“associated demyelination. Neurology: Neuroimmunology and NeuroInflammation, 2019, 6, e544.	3.1	5
123	Malignant hyperthermia susceptibility in a patient with mitochondrial disorder. Metabolic Brain Disease, 2009, 24, 501-506.	1.4	4
124	An experimental animal model for percutaneous procedures used in trigeminal neuralgia. Acta Neurochirurgica, 2017, 159, 1341-1348.	0.9	4
125	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
126	Coâ€incidental C9orf72 expansion mutationâ€related frontotemporal lobar degeneration pathology and sporadic Creutzfeldtâ€“Jakob disease. European Journal of Neurology, 2021, 28, 1009-1015.	1.7	2

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127	Functional Recovery in Autoimmune Encephalitis: A Prospective Observational Study. Frontiers in Immunology, 2021, 12, 641106.	2.2	2
128	Diagnosis of Pituitary Adenoma Biopsies by Ultrahigh Resolution Optical Coherence Tomography Using Neuronal Networks. Frontiers in Endocrinology, 2021, 12, 730100.	1.5	2
129	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
130	Transient paralysis of diaphragm in Waldenstroms disease; a focal variant of Guillain-BarrÃ© syndrome?. Journal of the Neurological Sciences, 2016, 366, 1-2.	0.3	1
131	Subarachnoid hemorrhage in rats â€“ Visualizing blood distribution in vivo using gadolinium-enhanced magnetic resonance imaging: Technical note. Journal of Neuroscience Methods, 2019, 325, 108370.	1.3	1
132	Immunohistochemistry. , 2015, , 143-158.		1
133	Diagnostic approach and treatment regimens in adult patients suffering from antibody-mediated or paraneoplastic encephalitis. Current Pharmaceutical Design, 2022, 28, .	0.9	1
134	Atypical Multiple Lipomatosis as Sole Manifestation of a Mitochondrial Disorder. Canadian Journal of Neurological Sciences, 2012, 39, 252-253.	0.3	0
135	Kurt Jellinger 90: his contribution to neuroimmunology. Journal of Neural Transmission, 2021, 128, 1545-1550.	1.4	0