

Zsolt Illes

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

111
papers

2,390
citations

27
h-index

45
g-index

122
ext. papers

3,054
ext. citations

4.8
avg, IF

4.83
L-index

#	Paper	IF	Citations
111	EFNS guidelines on diagnosis and management of neuromyelitis optica. <i>European Journal of Neurology</i> , 2010 , 17, 1019-32	6	292
110	The importance of early immunotherapy in patients with faciobrachial dystonic seizures. <i>Brain</i> , 2018 , 141, 348-356	11.2	175
109	Multicentre comparison of a diagnostic assay: aquaporin-4 antibodies in neuromyelitis optica. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016 , 87, 1005-15	5.5	157
108	Inhibiting poly(ADP-ribose) polymerase: a potential therapy against oligodendrocyte death. <i>Brain</i> , 2010 , 133, 822-34	11.2	76
107	Immunological Aspects of Approved MS Therapeutics. <i>Frontiers in Immunology</i> , 2019 , 10, 1564	8.4	74
106	Social cognition and Theory of Mind in patients with relapsing-remitting multiple sclerosis. <i>European Journal of Neurology</i> , 2010 , 17, 426-33	6	71
105	Quantification and functional characterization of antibodies to native aquaporin 4 in neuromyelitis optica. <i>Archives of Neurology</i> , 2010 , 67, 1201-8		66
104	Nationwide prevalence and incidence study of neuromyelitis optica spectrum disorder in Denmark. <i>Neurology</i> , 2018 , 91, e2265-e2275	6.5	59
103	Disconnection mechanism and regional cortical atrophy contribute to impaired processing of facial expressions and theory of mind in multiple sclerosis: a structural MRI study. <i>PLoS ONE</i> , 2013 , 8, e82422	3.7	56
102	Highly encephalitogenic aquaporin 4-specific T cells and NMO-IgG jointly orchestrate lesion location and tissue damage in the CNS. <i>Acta Neuropathologica</i> , 2015 , 130, 783-98	14.3	47
101	Peripheral blood TIM-3 positive NK and CD8+ T cells throughout pregnancy: TIM-3/galectin-9 interaction and its possible role during pregnancy. <i>PLoS ONE</i> , 2014 , 9, e92371	3.7	45
100	Dimethyl fumarate decreases neurofilament light chain in CSF and blood of treatment naïve relapsing MS patients. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019 , 90, 1324-1330	5.5	44
99	An observational study of alemtuzumab following fingolimod for multiple sclerosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2017 , 4, e320	9.1	41
98	Status of diagnostic approaches to AQP4-IgG seronegative NMO and NMO/MS overlap syndromes. <i>Journal of Neurology</i> , 2016 , 263, 140-9	5.5	40
97	Natural course of LGI1 encephalitis: 3-5 years of follow-up without immunotherapy. <i>Journal of the Neurological Sciences</i> , 2014 , 343, 198-202	3.2	38
96	A Urinary Metabolic Signature for Multiple Sclerosis and Neuromyelitis Optica. <i>Journal of Proteome Research</i> , 2016 , 15, 659-66	5.6	36
95	Low ficolin-3 levels in early follow-up serum samples are associated with the severity and unfavorable outcome of acute ischemic stroke. <i>Journal of Neuroinflammation</i> , 2011 , 8, 185	10.1	36

94	Antibody response against gastrointestinal antigens in demyelinating diseases of the central nervous system. <i>European Journal of Neurology</i> , 2013 , 20, 1492-5	6	35
93	35JTR C2370A allele of the IL-23 receptor gene is associated with relapsing-remitting multiple sclerosis. <i>Neuroscience Letters</i> , 2008 , 431, 36-8	3.3	33
92	Widespread inflammation in CLIPPERS syndrome indicated by autopsy and ultra-high-field 7T MRI. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2016 , 3, e226	9.1	33
91	Autoimmune encephalitis associated with voltage-gated potassium channels-complex and leucine-rich glioma-inactivated 1 antibodies - a national cohort study. <i>European Journal of Neurology</i> , 2017 , 24, 999-1005	6	31
90	Fumarate decreases edema volume and improves functional outcome after experimental stroke. <i>Experimental Neurology</i> , 2017 , 295, 144-154	5.7	30
89	Practice effect in Symbol Digit Modalities Test in multiple sclerosis patients treated with natalizumab. <i>Multiple Sclerosis and Related Disorders</i> , 2016 , 10, 116-122	4	30
88	Molecular signature of different lesion types in the brain white matter of patients with progressive multiple sclerosis. <i>Acta Neuropathologica Communications</i> , 2019 , 7, 205	7.3	29
87	Initial high-efficacy disease-modifying therapy in multiple sclerosis: A nationwide cohort study. <i>Neurology</i> , 2020 , 95, e1041-e1051	6.5	28
86	Early Dynamics of P-selectin and Interleukin 6 Predicts Outcomes in Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015 , 24, 1938-47	2.8	27
85	Feto-maternal immune regulation by TIM-3/galectin-9 pathway and PD-1 molecule in mice at day 14.5 of pregnancy. <i>Placenta</i> , 2015 , 36, 1153-60	3.4	27
84	Experimental Demyelination and Axonal Loss Are Reduced in MicroRNA-146a Deficient Mice. <i>Frontiers in Immunology</i> , 2018 , 9, 490	8.4	27
83	Worldwide Incidence and Prevalence of Neuromyelitis Optica: A Systematic Review. <i>Neurology</i> , 2021 , 96, 59-77	6.5	26
82	Real-life persistence and tolerability with dimethyl fumarate. <i>Multiple Sclerosis and Related Disorders</i> , 2018 , 24, 42-46	4	26
81	In vivo imaging reveals rapid astrocyte depletion and axon damage in a model of neuromyelitis optica-related pathology. <i>Annals of Neurology</i> , 2016 , 79, 794-805	9.4	26
80	Treatment of MOG antibody associated disorders: results of an international survey. <i>Journal of Neurology</i> , 2020 , 267, 3565-3577	5.5	25
79	High anti-EBNA-1 IgG levels are associated with early-onset myasthenia gravis. <i>European Journal of Neurology</i> , 2012 , 19, 842-6	6	25
78	Cerebrospinal fluid findings in Guillain-Barré syndrome and chronic inflammatory demyelinating polyneuropathies. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2017 , 146, 125-138	3.8	23
77	VAV1 and BAFF, via NFB pathway, are genetic risk factors for myasthenia gravis. <i>Annals of Clinical and Translational Neurology</i> , 2014 , 1, 329-39	5.3	22

76	Impaired function of innate T lymphocytes and NK cells in the acute phase of ischemic stroke. <i>Cerebrovascular Diseases</i> , 2009 , 28, 490-8	3.2	22
75	Comparative effectiveness of teriflunomide and dimethyl fumarate: A nationwide cohort study. <i>Neurology</i> , 2019 , 92, e1811-e1820	6.5	21
74	L-Arginine Pathway in COPD Patients with Acute Exacerbation: A New Potential Biomarker. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2016 , 13, 139-45	2	21
73	Clinical and biological heterogeneity of autoimmune myasthenia gravis. <i>Journal of Neuroimmunology</i> , 2011 , 231, 43-54	3.5	21
72	The autoimmunity-related polymorphism PTPN22 1858C/T is associated with anti-titin antibody-positive myasthenia gravis. <i>Human Immunology</i> , 2009 , 70, 540-2	2.3	20
71	Thymic Atrophy and Apoptosis of CD4+CD8+ Thymocytes in the Cuprizone Model of Multiple Sclerosis. <i>PLoS ONE</i> , 2015 , 10, e0129217	3.7	20
70	The L-arginine pathway in acute ischemic stroke and severe carotid stenosis: temporal profiles and association with biomarkers and outcome. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014 , 23, 2206-2214 ^{2,8} 17	2.8	17
69	A systematic analysis of the complement pathways in patients with neuromyelitis optica indicates alteration but no activation during remission. <i>Molecular Immunology</i> , 2014 , 57, 200-9	4.3	17
68	Global brain atrophy and metabolic dysfunction in LGI1 encephalitis: A prospective multimodal MRI study. <i>Journal of the Neurological Sciences</i> , 2017 , 376, 159-165	3.2	16
67	Orthologous proteins of experimental de- and remyelination are differentially regulated in the CSF proteome of multiple sclerosis subtypes. <i>PLoS ONE</i> , 2018 , 13, e0202530	3.7	16
66	A population-based epidemiological study of neuromyelitis optica spectrum disorder in Hungary. <i>European Journal of Neurology</i> , 2020 , 27, 308-317	6	16
65	Recent progress in maintenance treatment of neuromyelitis optica spectrum disorder. <i>Journal of Neurology</i> , 2021 , 268, 4522-4536	5.5	16
64	Change in autoantibody and cytokine responses during the evolution of neuromyelitis optica in patients with systemic lupus erythematosus: A preliminary study. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 1192-201	5	15
63	Correlation of the L-Arginine Pathway with Thrombo-Inflammation May Contribute to the Outcome of Acute Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016 , 25, 2055-60	2.8	14
62	Relationship between C-reactive protein and early activation of leukocytes indicated by leukocyte antisedimentation rate (LAR) in patients with acute cerebrovascular events. <i>Clinical Hemorheology and Microcirculation</i> , 2010 , 44, 183-92	2.5	14
61	Serum L-arginine and dimethylarginine levels in migraine patients with brain white matter lesions. <i>Cephalalgia</i> , 2017 , 37, 571-580	6.1	13
60	Teriflunomide for multiple sclerosis in real-world setting. <i>Acta Neurologica Scandinavica</i> , 2017 , 136, 447-453	4.53	13
59	Experimental Neuromyelitis Optica Induces a Type I Interferon Signature in the Spinal Cord. <i>PLoS ONE</i> , 2016 , 11, e0151244	3.7	13

58	Management of multiple sclerosis patients in central European countries: current needs and potential solutions. <i>Therapeutic Advances in Neurological Disorders</i> , 2018 , 11, 1756286418759189	6.6	12
57	Changes to the septo-fornical area might play a role in the pathogenesis of anxiety in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 1105-1114	5	12
56	Macrophage migration inhibitory factor (MIF) modulates trophic signaling through interaction with serine protease HTRA1. <i>Cellular and Molecular Life Sciences</i> , 2017 , 74, 4561-4572	10.3	11
55	The Urine Proteome Profile Is Different in Neuromyelitis Optica Compared to Multiple Sclerosis: A Clinical Proteome Study. <i>PLoS ONE</i> , 2015 , 10, e0139659	3.7	11
54	Childhood steroid-responsive acute erythromelalgia with axonal neuropathy of large myelinated fibers: a dysimmune neuropathy?. <i>Neuromuscular Disorders</i> , 2009 , 19, 49-52	2.9	10
53	Deficient leucocyte antisedimentation is related to post-stroke infections and outcome. <i>Journal of Clinical Pathology</i> , 2008 , 61, 1209-13	3.9	10
52	Mechanisms of sex hormones in autoimmunity: focus on EAE. <i>Biology of Sex Differences</i> , 2020 , 11, 50	9.3	10
51	Relationship between Cardiac Troponin and Thrombo-Inflammatory Molecules in Prediction of Outcome after Acute Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018 , 27, 951-956	2.8	8
50	Clinically stable disease is associated with a lower risk of both income loss and disability pension for patients with multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020 , 91, 67-74	5.5	8
49	Cladribine modifies functional properties of microglia. <i>Clinical and Experimental Immunology</i> , 2020 , 201, 328-340	6.2	7
48	Absence of miRNA-146a Differentially Alters Microglia Function and Proteome. <i>Frontiers in Immunology</i> , 2020 , 11, 1110	8.4	6
47	Multiple Sclerosis Atlas: A Molecular Map of Brain Lesion Stages in Progressive Multiple Sclerosis. <i>Network and Systems Medicine</i> , 2020 , 3, 122-129	4	6
46	Unique RNA signature of different lesion types in the brain white matter in progressive multiple sclerosis. <i>Acta Neuropathologica Communications</i> , 2019 , 7, 58	7.3	5
45	Omics-Based Approach Reveals Complement-Mediated Inflammation in Chronic Lymphocytic Inflammation With Pontine Perivascular Enhancement Responsive to Steroids (CLIPPERS). <i>Frontiers in Immunology</i> , 2018 , 9, 741	8.4	5
44	Association of myasthenia gravis with polymorphisms in the gene of histamine N-methyltransferase. <i>Human Immunology</i> , 2013 , 74, 1701-4	2.3	5
43	Motor function and respiratory capacity in patients with late-onset pompe disease. <i>Muscle and Nerve</i> , 2014 , 49, 603-6	3.4	5
42	L-arginine pathway metabolites can discriminate paroxysmal from permanent atrial fibrillation in acute ischemic stroke. <i>Ideggyogyaszati Szemle</i> , 2019 , 72, 79-88	0.4	5
41	Comparison of neurofilament light chain results between two independent facilities. <i>BMJ Neurology Open</i> , 2020 , 2, e000063	1.5	5

40	l-Arginine Pathway Metabolites Predict Need for Intra-operative Shunt During Carotid Endarterectomy. <i>European Journal of Vascular and Endovascular Surgery</i> , 2016 , 52, 721-728	2.3	5
39	Ictal piloerection is associated with high-grade glioma and autoimmune encephalitis-Results from a systematic review. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019 , 64, 1-5	3.2	5
38	Proteomic changes during experimental de- and remyelination in the corpus callosum. <i>PLoS ONE</i> , 2020 , 15, e0230249	3.7	5
37	Severe Fatigue and Memory Impairment Are Associated with Lower Serum Level of Anti-SARS-CoV-2 Antibodies in Patients with Post-COVID Symptoms. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	5
36	Pathogenesis, diagnosis and treatment of neuromyelitis optica: Changing concept of an old disease. <i>Clinical and Experimental Neuroimmunology</i> , 2010 , 1, 103-123	0.4	4
35	Alemtuzumab treatment in Denmark: A national study based on the Danish Multiple Sclerosis Registry. <i>Multiple Sclerosis Journal</i> , 2021 , 27, 2254-2266	5	4
34	Real-world outcomes for a complete nationwide cohort of more than 3200 teriflunomide-treated multiple sclerosis patients in The Danish Multiple Sclerosis Registry. <i>PLoS ONE</i> , 2021 , 16, e0250820	3.7	4
33	Subacute Elevation of Plasma Level of Caspase-Cleaved Cytokeratin-18 is Associated with Hemorrhagic Transformation and Functional Outcome in Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019 , 28, 719-727	2.8	4
32	Elevated Neurofilament Light Chain in Cerebrospinal Fluid and Plasma Reflect Inflammatory MRI Activity in Neurosarcoidosis. <i>Brain Sciences</i> , 2021 , 11,	3.4	4
31	Long-term structural retinal changes in patients with optic neuritis related to multiple sclerosis. <i>Clinical Ophthalmology</i> , 2017 , 11, 1519-1525	2.5	3
30	Associations between serum L-arginine and ficolins in the early phase of acute ischemic stroke - A pilot study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020 , 29, 104951	2.8	3
29	Altered Expression of Ion Channels in White Matter Lesions of Progressive Multiple Sclerosis: What Do We Know About Their Function?. <i>Frontiers in Cellular Neuroscience</i> , 2021 , 15, 685703	6.1	3
28	Acute and delayed effects of concentric and eccentric exercise on quantitative muscle MRI. <i>Acta Radiologica</i> , 2019 , 60, 902-907	2	3
27	Induction of aquaporin 4-reactive antibodies in Lewis rats immunized with aquaporin 4 mimotopes. <i>Acta Neuropathologica Communications</i> , 2020 , 8, 49	7.3	3
26	Patient Attitudes to Routine Cognitive Testing in Multiple Sclerosis. <i>Patient Preference and Adherence</i> , 2020 , 14, 693-704	2.4	3
25	Functional enrichment of alternative splicing events with NEASE reveals insights into tissue identity and diseases. <i>Genome Biology</i> , 2021 , 22, 327	18.3	3
24	Retraction Note: Unique RNA signature of different lesion types in the brain white matter in progressive multiple sclerosis. <i>Acta Neuropathologica Communications</i> , 2019 , 7, 136	7.3	2
23	Differentially expressed microRNA in multiple sclerosis: A window into pathogenesis?. <i>Clinical and Experimental Neuroimmunology</i> , 2014 , 5, 149-161	0.4	2

22	Paraneoplastic anti-NMDA receptor encephalitis in 1830?. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020 , 7,	9.1	2
21	Factors influencing daily treatment choices in multiple sclerosis: practice guidelines, biomarkers and burden of disease. <i>Therapeutic Advances in Neurological Disorders</i> , 2020 , 13, 1756286420975223	6.6	2
20	Clinical Characteristics and Outcome of Neuronal Surface Antibody-Mediated Autoimmune Encephalitis Patients in a National Cohort. <i>Frontiers in Neurology</i> , 2021 , 12, 611597	4.1	2
19	Population-based head-to-head comparison of the clinical characteristics and epidemiology of AQP4 antibody-positive NMOSD between two European countries. <i>Multiple Sclerosis and Related Disorders</i> , 2021 , 51, 102879	4	2
18	Microstructural and functional brain abnormalities in multiple sclerosis predicted by osteopontin and neurofilament light. <i>Multiple Sclerosis and Related Disorders</i> , 2021 , 51, 102923	4	2
17	CSF proteome in multiple sclerosis subtypes related to brain lesion transcriptomes. <i>Scientific Reports</i> , 2021 , 11, 4132	4.9	2
16	Unbiased examination of genome-wide human endogenous retrovirus transcripts in MS brain lesions. <i>Multiple Sclerosis Journal</i> , 2021 , 27, 1829-1837	5	2
15	Life threatening rare lymphomas presenting as longitudinally extensive transverse myelitis: a diagnostic challenge. <i>Ideggyogyaszati Szemle</i> , 2020 , 73, 275-285	0.4	1
14	Application of definitions for conversion to secondary progressive MS in a Danish nationwide population. <i>Multiple Sclerosis and Related Disorders</i> , 2021 , 56, 103319	4	1
13	CSF-Neurofilament Light Chain Levels in NMDAR and LGI1 Encephalitis: A National Cohort Study.. <i>Frontiers in Immunology</i> , 2021 , 12, 719432	8.4	1
12	The levels of the serine protease HTRA1 in cerebrospinal fluid correlate with progression and disability in multiple sclerosis. <i>Journal of Neurology</i> , 2021 , 268, 3316-3324	5.5	0
11	Autoantibodies Against the Complement Regulator Factor H in the Serum of Patients With Neuromyelitis Optica Spectrum Disorder. <i>Frontiers in Immunology</i> , 2021 , 12, 660382	8.4	0
10	Detection of silent cerebral microcirculatory abnormalities in patients with manifest ischemic coronary disease: a perfusion brain MRI study combined with dipyridamole stress. <i>Scandinavian Cardiovascular Journal</i> , 2021 , 55, 97-101	2	0
9	A Systematic Review of Tissue and Single Cell Transcriptome/Proteome Studies of the Brain in Multiple Sclerosis.. <i>Frontiers in Immunology</i> , 2022 , 13, 761225	8.4	0
8	Inflammatory profiles in plasma and cerebrospinal fluid of patients with neurosarcoidosis.. <i>Journal of Neuroimmunology</i> , 2022 , 367, 577849	3.5	0
7	Osteopontin levels are associated with late-time lower regional brain volumes in multiple sclerosis. <i>Scientific Reports</i> , 2021 , 11, 23604	4.9	0
6	Dynamic Change in Muscle Volume after Exercise is Altered in Pompe Disease: A Quantitative, Sequential MRI Study. <i>Journal of Neuromuscular Diseases</i> , 2015 , 2, S50-S51	5	
5	Four cases of GABAB receptor encephalitis. <i>Ideggyogyaszati Szemle</i> , 2016 , 69, 281-287	0.4	

- 4 Muscle damage in response to a single bout of high intensity concentric exercise in patients with Pompe disease. *Annals of Translational Medicine*, **2021**, 9, 389 3-2
- 3 Toll-Like Receptor Homolog CD180 Expression Is Diminished on Natural Autoantibody-Producing B Cells of Patients with Autoimmune CNS Disorders. *Journal of Immunology Research*, **2021**, 2021, 9953317^{4,5}
- 2 Motor Function and Respiratory Capacity in Patients with Late-Onset Pompe Disease. *Journal of Neuromuscular Diseases*, **2015**, 2, S21 5
- 1 Dynamic Change in Muscle Volume after Exercise is Altered in Pompe Disease: A Quantitative, Sequential MRI Study. *Journal of Neuromuscular Diseases*, **2015**, 2, S50-S51 5