Thomas Skripuletz

List of Publications by Year in descending order

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Version: 2024-02-01

135 papers 3,681 citations

28 h-index 52 g-index

145 all docs 145 docs citations

145 times ranked 4585 citing authors

#	Article	IF	Citations
1	Astrocytes regulate myelin clearance through recruitment of microglia during cuprizone-induced demyelination. Brain, 2013, 136, 147-167.	7.6	298
2	Glial response during cuprizone-induced de- and remyelination in the CNS: lessons learned. Frontiers in Cellular Neuroscience, 2014, 8, 73.	3.7	293
3	Regional differences between grey and white matter in cuprizone induced demyelination. Brain Research, 2009, 1283, 127-138.	2.2	199
4	De- and remyelination in the CNS white and grey matter induced by cuprizone: the old, the new, and the unexpected. Histology and Histopathology, 2011, 26, 1585-97.	0.7	169
5	CXCL10 Triggers Early Microglial Activation in the Cuprizone Model. Journal of Immunology, 2015, 194, 3400-3413.	0.8	115
6	Ocrelizumab Depletes CD20+ T Cells in Multiple Sclerosis Patients. Cells, 2019, 8, 12.	4.1	109
7	Neurological Immune Related Adverse Events Associated with Nivolumab, Ipilimumab, and Pembrolizumab Therapy—Review of the Literature and Future Outlook. Journal of Clinical Medicine, 2019, 8, 1777.	2.4	87
8	Cerebellar Cortical Demyelination in the Murine Cuprizone Model. Brain Pathology, 2010, 20, 301-312.	4.1	86
9	Pivotal role of choline metabolites in remyelination. Brain, 2015, 138, 398-413.	7.6	80
10	Spatial and Temporal Profiles of Growth Factor Expression during CNS Demyelination Reveal the Dynamics of Repair Priming. PLoS ONE, 2011, 6, e22623.	2. 5	80
11	Effects of Fumaric Acids on Cuprizone Induced Central Nervous System De- and Remyelination in the Mouse. PLoS ONE, 2010, 5, e11769.	2.5	71
12	Common and uncommon neurological manifestations of neuroborreliosis leading to hospitalization. BMC Infectious Diseases, 2017, 17, 90.	2.9	71
13	Neuro-Sjögren: Peripheral Neuropathy With Limb Weakness in Sjögren's Syndrome. Frontiers in Immunology, 2019, 10, 1600.	4.8	64
14	Synaptophysin Is a Reliable Marker for Axonal Damage. Journal of Neuropathology and Experimental Neurology, 2017, 76, 109-125.	1.7	61
15	Experience in Multiple Sclerosis Patients with COVID-19 and Disease-Modifying Therapies: A Review of 873 Published Cases. Journal of Clinical Medicine, 2020, 9, 4067.	2.4	53
16	Beneficial Effects of Minocycline on Cuprizone Induced Cortical Demyelination. Neurochemical Research, 2010, 35, 1422-1433.	3.3	52
17	Impact of the McDonald Criteria 2017 on Early Diagnosis of Relapsing-Remitting Multiple Sclerosis. Frontiers in Neurology, 2019, 10, 188.	2.4	52
18	Effects of Murine and Human Bone Marrow-Derived Mesenchymal Stem Cells on Cuprizone Induced Demyelination. PLoS ONE, 2013, 8, e69795.	2.5	43

#	Article	IF	CITATIONS
19	Varicella zoster virus infections in neurological patients: a clinical study. BMC Infectious Diseases, 2018, 18, 238.	2.9	41
20	Autoantibody-associated psychiatric symptoms and syndromes in adults: A narrative review and proposed diagnostic approach. Brain, Behavior, & Immunity - Health, 2020, 9, 100154.	2.5	41
21	Cerebrospinal fluid endocannabinoid levels in Gilles de la Tourette syndrome. Neuropsychopharmacology, 2020, 45, 1323-1329.	5.4	41
22	Deregulation of microRNA-181c in cerebrospinal fluid of patients with clinically isolated syndrome is associated with early conversion to relapsing–remitting multiple sclerosis. Multiple Sclerosis Journal, 2016, 22, 1202-1214.	3.0	40
23	Leptomeningeal Metastasis: The Role of Cerebrospinal Fluid Diagnostics. Frontiers in Neurology, 2019, 10, 839.	2.4	38
24	Postnatal Life Events Affect the Severity of Asthmatic Airway Inflammation in the Adult Rat. Journal of Immunology, 2008, 180, 3919-3925.	0.8	37
25	Kynurenine Is a Cerebrospinal Fluid Biomarker for Bacterial and Viral Central Nervous System Infections. Journal of Infectious Diseases, 2019, 220, 127-138.	4.0	37
26	McDonald Criteria 2010 and 2005 Compared: Persistence of High Oligoclonal Band Prevalence Despite Almost Doubled Diagnostic Sensitivity. International Journal of Molecular Sciences, 2016, 17, 1592.	4.1	34
27	The Persisting Significance of Oligoclonal Bands in the Dawning Era of Kappa Free Light Chains for the Diagnosis of Multiple Sclerosis. International Journal of Molecular Sciences, 2018, 19, 3796.	4.1	34
28	Importance of Follow-Up Cerebrospinal Fluid Analysis in Cryptococcal Meningoencephalitis. Disease Markers, 2014, 2014, 1-10.	1.3	29
29	Case Report: Daratumumab in a Patient With Severe Refractory Anti-NMDA Receptor Encephalitis. Frontiers in Neurology, 2020, 11, 602102.	2.4	28
30	Cerebrospinal Fluid Findings in Neurological Diseases Associated with Sjögren's Syndrome. European Neurology, 2017, 77, 91-102.	1.4	27
31	Polysialylation at Early Stages of Oligodendrocyte Differentiation Promotes Myelin Repair. Journal of Neuroscience, 2017, 37, 8131-8141.	3.6	26
32	Lung Involvement in Primary Sjögren's Syndrome—An Under-Diagnosed Entity. Frontiers in Medicine, 2020, 7, 332.	2.6	26
33	Alemtuzumab therapy changes immunoglobulin levels in peripheral blood and CSF. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, e654.	6.0	26
34	Delayed Demyelination and Impaired Remyelination in Aged Mice in the Cuprizone Model. Cells, 2020, 9, 945.	4.1	26
35	Lipopolysaccharide delays demyelination and promotes oligodendrocyte precursor proliferation in the central nervous system. Brain, Behavior, and Immunity, 2011, 25, 1592-1606.	4.1	25
36	Mesenchymal stem cells do not exert direct beneficial effects on CNS remyelination in the absence of the peripheral immune system. Brain, Behavior, and Immunity, 2015, 50, 155-165.	4.1	25

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37	The quality of cortical network function recovery depends on localization and degree of axonal demyelination. Brain, Behavior, and Immunity, 2017, 59, 103-117.	4.1	25
38	Extracorporeal cytokine removal in severe CAR-T cell associated cytokine release syndrome. Journal of Critical Care, 2020, 57, 124-129.	2.2	25
39	The Impact of Immunomodulatory Treatment on Kappa Free Light Chains as Biomarker in Neuroinflammation. Cells, 2020, 9, 842.	4.1	25
40	Intrathecal synthesis of anti-Hu antibodies distinguishes patients with paraneoplastic peripheral neuropathy and encephalitis. BMC Neurology, 2016, 16, 136.	1.8	24
41	The Influence of Blood Contamination on Cerebrospinal Fluid Diagnostics. Frontiers in Neurology, 2019, 10, 584.	2.4	24
42	Reiber's Diagram for Kappa Free Light Chains: The New Standard for Assessing Intrathecal Synthesis?. Diagnostics, 2019, 9, 194.	2.6	24
43	Effect of FTY720-phosphate on the expression of inflammation-associated molecules in astrocytes in vitro. Molecular Medicine Reports, 2015, 12, 6171-6177.	2.4	23
44	Clinically Isolated Syndrome According to McDonald 2010: Intrathecal IgG Synthesis Still Predictive for Conversion to Multiple Sclerosis. International Journal of Molecular Sciences, 2017, 18, 2061.	4.1	23
45	Acute progressive neuropathy–myositis–myasthenia-like syndrome associated with immune-checkpoint inhibitor therapy in patients with metastatic melanoma. Melanoma Research, 2019, 29, 435-440.	1.2	23
46	Mass-spectrometric profiling of cerebrospinal fluid reveals metabolite biomarkers for CNS involvement in varicella zoster virus reactivation. Journal of Neuroinflammation, 2018, 15, 20.	7.2	22
47	Fumaric Acids Directly Influence Gene Expression of Neuroprotective Factors in Rodent Microglia. International Journal of Molecular Sciences, 2019, 20, 325.	4.1	22
48	The Effect of Stereotactic Injections on Demyelination and Remyelination: a Study in the Cuprizone Model. Journal of Molecular Neuroscience, 2017, 61, 479-488.	2.3	21
49	Cerebrospinal fluid features in adults with enteroviral nervous system infection. International Journal of Infectious Diseases, 2018, 68, 94-101.	3.3	21
50	Implications of COVID-19 Outbreak on Immune Therapies in Multiple Sclerosis Patients—Lessons Learned From SARS and MERS. Frontiers in Immunology, 2020, 11, 1059.	4.8	20
51	Mild COVID-19 symptoms despite treatment with teriflunomide and high-dose methylprednisolone due to multiple sclerosis relapse. Journal of Neurology, 2020, 267, 2803-2805.	3.6	20
52	Role of CD20 ⁺ T cells in multiple sclerosis: implications for treatment with ocrelizumab. Neural Regeneration Research, 2020, 15, 663.	3.0	20
53	Gain-of-function STAT1 mutations are associated with intracranial aneurysms. Clinical Immunology, 2017, 178, 79-85.	3.2	19
54	Allogeneic BK Virus-Specific T-Cell Treatment in 2 Patients With Progressive Multifocal Leukoencephalopathy. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, e1020.	6.0	19

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55	Evidence of Oligoclonal Bands Does Not Exclude Non-Inflammatory Neurological Diseases. Diagnostics, 2021, 11, 37.	2.6	19
56	Heterogeneity of clinical features and corresponding antibodies in seven patients with anti-NMDA receptor encephalitis. Experimental and Therapeutic Medicine, 2015, 10, 1283-1292.	1.8	18
57	Cytokine regulation by modulation of the NMDA receptor on astrocytes. Neuroscience Letters, 2016, 629, 227-233.	2.1	18
58	Intrathecal Antibody Production Against Epstein-Barr, Herpes Simplex, and Other Neurotropic Viruses in Autoimmune Encephalitis. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, .	6.0	18
59	Varicella Zoster Virus Meningitis in a Young Immunocompetent Adult without Rash: A Misleading Clinical Presentation. Case Reports in Neurological Medicine, 2014, 2014, 1-4.	0.4	17
60	Applying the 2017 McDonald diagnostic criteria for multiple sclerosis. Lancet Neurology, The, 2018, 17, 498.	10.2	17
61	Mesenchymal Stem Cells Form 3D Clusters Following Intraventricular Transplantation. Journal of Molecular Neuroscience, 2018, 65, 60-73.	2.3	17
62	Immunity in Gilles de la Tourette-Syndrome: Results From a Cerebrospinal Fluid Study. Frontiers in Neurology, 2019, 10, 732.	2.4	17
63	18F-FDG PET/CT of off-target lymphoid organs in CD19-targeting chimeric antigen receptor T-cell therapy for relapsed or refractory diffuse large B-cell lymphoma. Annals of Nuclear Medicine, 2021, 35, 132-138.	2.2	17
64	The Increasing Role of Kappa Free Light Chains in the Diagnosis of Multiple Sclerosis. Cells, 2021, 10, 3056.	4.1	17
65	Postnatal experiences influence the behavior in adult male and female Fischer and Lewis rats. International Journal of Developmental Neuroscience, 2010, 28, 561-571.	1.6	16
66	Investigation of Oligoclonal IgG Bands in Tear Fluid of Multiple Sclerosis Patients. Frontiers in Immunology, 2019, 10, 1110.	4.8	16
67	Hereditary transthyretin-related amyloidosis is frequent in polyneuropathy and cardiomyopathy of no obvious aetiology. Annals of Medicine, 2021, 53, 1787-1796.	3.8	16
68	Safety and efficacy of erythropoietin for the treatment of patients with optic neuritis (TONE): a randomised, double-blind, multicentre, placebo-controlled study. Lancet Neurology, The, 2021, 20, 991-1000.	10.2	16
69	A pivotal role of nonmuscle myosin II during microglial activation. Experimental Neurology, 2014, 261, 666-676.	4.1	15
70	Impairment of frequency-specific responses associated with altered electrical activity patterns in auditory thalamus following focal and general demyelination. Experimental Neurology, 2018, 309, 54-66.	4.1	15
71	CIDP associated with Sjögren's syndrome. Journal of Neurology, 2021, 268, 2908-2912.	3. 6	15
72	Acute hemorrhagic leukoencephalitis (Weston-Hurst syndrome) in a patient with relapse-remitting multiple sclerosis. Journal of Neuroinflammation, 2015, 12, 175.	7.2	14

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73	Routine Cerebrospinal Fluid Cytology Reveals Unique Inclusions in Macrophages During Treatment With Nusinersen. Frontiers in Neurology, 2019, 10, 735.	2.4	14
74	Identification of Cerebrospinal Fluid Metabolites as Biomarkers for Enterovirus Meningitis. International Journal of Molecular Sciences, 2019, 20, 337.	4.1	14
75	Cognitive impairment in patients with Neuroâ€Sjögren. Annals of Clinical and Translational Neurology, 2020, 7, 1352-1359.	3.7	14
76	The antiviral drug ganciclovir does not inhibit microglial proliferation and activation. Scientific Reports, 2015, 5, 14935.	3.3	13
77	Fingolimod Associated Bilateral Cystoid Macular Edema—Wait and See?. International Journal of Molecular Sciences, 2016, 17, 2106.	4.1	13
78	Therapy with cladribine is efficient and safe in patients previously treated with natalizumab. Therapeutic Advances in Neurological Disorders, 2019, 12, 175628641988759.	3.5	13
79	Clinical, Radiological, and Laboratory Features of Spinal Cord Involvement in Primary Sjögren's Syndrome. Journal of Clinical Medicine, 2020, 9, 1482.	2.4	13
80	Severe Anti-N-Methyl-D-Aspartate Receptor Encephalitis Under Immunosuppression After Liver Transplantation. Frontiers in Neurology, 2019, 10, 987.	2.4	12
81	Phosphatidylcholine PC ae C44:6 in cerebrospinal fluid is a sensitive biomarker for bacterial meningitis. Journal of Translational Medicine, 2020, 18, 9.	4.4	12
82	Cerebrospinal Fluid Parameters in Antisense Oligonucleotide-Treated Adult 5q-Spinal Muscular Atrophy Patients. Brain Sciences, 2021, 11, 296.	2.3	12
83	The choline pathway as a strategy to promote central nervous system (CNS) remyelination. Neural Regeneration Research, 2015, 10, 1369.	3.0	12
84	Innovative therapeutic concepts of progressive multifocal leukoencephalopathy. Journal of Neurology, 2022, 269, 2403-2413.	3.6	12
85	Astroglial and oligodendroglial markers in the cuprizone animal model for de- and remyelination. Histochemistry and Cell Biology, 2022, 158, 15-38.	1.7	12
86	Multiple Levels of Control Processes for Wisconsin Card Sorts: An Observational Study. Brain Sciences, 2019, 9, 141.	2.3	11
87	Gilles de la Tourette syndrome is not linked to contactin-associated protein receptor 2 antibodies. Molecular Brain, 2015, 8, 62.	2.6	10
88	Oligodendroglial markers in the cuprizone model of CNS de- and remyelination. Histology and Histopathology, 2015, 30, 1455-64.	0.7	10
89	The Influence of Renal Function Impairment on Kappa Free Light Chains in Cerebrospinal Fluid. Journal of Central Nervous System Disease, 2021, 13, 117957352110421.	1.9	10
90	Blood–cerebrospinal fluid barrier dysfunction in patients with neurological symptoms during the 2011 Northern German E. coli serotype O104:H4 outbreak. Brain, 2013, 136, e241-e241.	7.6	9

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91	Longitudinal time-domain optic coherence study of retinal nerve fiber layer in IFN \hat{i}^2 -treated and untreated multiple sclerosis patients. Experimental and Therapeutic Medicine, 2016, 12, 190-200.	1.8	9
92	Paraneoplastic cerebellar syndromes associated with antibodies against Purkinje cells. International Journal of Neuroscience, 2018, 128, 721-728.	1.6	9
93	Hearing dysfunction in patients with Neuro-Sjögren: a cross-sectional study. Annals of Translational Medicine, 2020, 8, 1069-1069.	1.7	9
94	Electroconvulsive therapy, changes in immune cell ratios, and their association with seizure quality and clinical outcome in depressed patients. European Neuropsychopharmacology, 2020, 36, 18-28.	0.7	9
95	Elevated Free Phosphatidylcholine Levels in Cerebrospinal Fluid Distinguish Bacterial from Viral CNS Infections. Cells, 2021, 10, 1115.	4.1	9
96	PD-1-inhibitor pembrolizumab for treatment of progressive multifocal leukoencephalopathy. Therapeutic Advances in Neurological Disorders, 2021, 14, 175628642199368.	3.5	9
97	Neurological management and work-up of neurotoxicity associated with CAR T cell therapy. Neurological Research and Practice, 2022, 4, 1 .	2.0	9
98	Kappa Free Light Chains in Cerebrospinal Fluid in Inflammatory and Non-Inflammatory Neurological Diseases. Brain Sciences, 2022, 12, 475.	2.3	9
99	Multimodal Assessment and Characterization of Sicca Syndrome. Frontiers in Medicine, 2021, 8, 777599.	2.6	8
100	Chronic Granulomatous Disease First Diagnosed in Adulthood Presenting With Spinal Cord Infection. Frontiers in Immunology, 2018, 9, 1258.	4.8	7
101	Interferon-beta treatment normalises the inhibitory effect of serum from multiple sclerosis patients on oligodendrocyte progenitor proliferation. Neuroscience Letters, 2010, 485, 107-111.	2.1	6
102	Investigation of Cuprizone Inactivation by Temperature. Neurotoxicity Research, 2017, 31, 570-577.	2.7	6
103	Diagnosis and Differential Diagnosis of Neurological Adverse Events during Immune Checkpoint Inhibitor Therapy. Journal of Oncology, 2020, 2020, 1-9.	1.3	6
104	Severe allo-immune antibody-associated peripheral and central nervous system diseases after allogeneic hematopoietic stem cell transplantation. Scientific Reports, 2021, 11, 8527.	3.3	6
105	Autoantibody-associated psychiatric syndromes in children: link to adult psychiatry. Journal of Neural Transmission, 2021, 128, 735-747.	2.8	6
106	Antiviral T-Cell Frequencies in a Healthy Population: Reference Values for Evaluating Antiviral Immune Cell Profiles in Immunocompromised Patients. Journal of Clinical Immunology, 2022, 42, 546-558.	3.8	6
107	Fumaric Acids Do Not Directly Influence Gene Expression of Neuroprotective Factors in Highly Purified Rodent Astrocytes. Brain Sciences, 2019, 9, 241.	2.3	5
108	Polarized microglia do not influence oligodendrocyte lineage cells via astrocytes. International Journal of Developmental Neuroscience, 2019, 77, 39-47.	1.6	5

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109	Cerebrospinal fluid analysis in 108 patients with progressive multifocal leukoencephalopathy. Fluids and Barriers of the CNS, 2020, 17, 65.	5.0	5
110	Longâ€term B cell depletion associates with regeneration of kidney function. Immunity, Inflammation and Disease, 2021, 9, 1479-1488.	2.7	5
111	Nerve ultrasound findings in Sjögren's syndromeâ€associated neuropathy. Journal of Neuroimaging, 2021, 31, 1156-1165.	2.0	5
112	Meningeal carcinomatosis from penile squamous cell carcinoma. Journal of Neuro-Oncology, 2010, 98, 417-419.	2.9	4
113	Differentiation of viral and autoimmune central nervous system inflammation by kynurenine pathway. Annals of Clinical and Translational Neurology, 2021, 8, 2228-2234.	3.7	4
114	Regenerative Effects of CDP-Choline: A Dose-Dependent Study in the Toxic Cuprizone Model of De- and Remyelination. Pharmaceuticals, 2021, 14, 1156.	3.8	4
115	The Influence of the Ventricular-Lumbar Gradient on Cerebrospinal Fluid Analysis in Serial Samples. Brain Sciences, 2022, 12, 410.	2.3	4
116	Intraspinal cavernous bleeding during early pregnancy. Journal of Neurology, 2016, 263, 2127-2129.	3.6	3
117	Beneficial and detrimental impact of transplanted canine adipose-derived stem cells in a virus-induced demyelinating mouse model. Veterinary Immunology and Immunopathology, 2018, 202, 130-140.	1.2	3
118	Tau-protein concentrations are not elevated in cerebrospinal fluid of patients with progressive multifocal leukoencephalopathy. Fluids and Barriers of the CNS, 2019, 16, 28.	5.0	3
119	The Immunological Therapeutic Strategies for Controlling Multiple Sclerosis: Considerations during the COVID-19 Pandemic. Biomolecules, 2021, 11, 1372.	4.0	3
120	Diagnostic Cerebrospinal Fluid Biomarker in Early and Late Onset Multiple Sclerosis. Biomedicines, 2022, 10, 1629.	3.2	3
121	CSF Levels of Angiopoietin-2 Do Not Differ between Patients with CSF Fluid Leakage Syndrome and Controls. Disease Markers, 2015, 2015, 1-9.	1.3	2
122	Flupirtine dependence and withdrawal syndrome. Journal of Substance Use, 2016, 21, 335-336.	0.7	2
123	Severe CNS inflammation after discontinuation of natalizumab and start of daclizumab successfully treated with alemtuzumab. Multiple Sclerosis and Related Disorders, 2018, 22, 87-89.	2.0	2
124	Management of MS-relapse during alemtuzumab therapy: Is it really B-cell-mediated?. Multiple Sclerosis and Related Disorders, 2018, 19, 6-7.	2.0	2
125	Targeted metabolomic profiling of cerebrospinal fluid from patients with progressive multifocal leukoencephalopathy. PLoS ONE, 2020, 15, e0242321.	2.5	2
126	Mesenchymal stem cells require the peripheral immune system for immunomodulating effects in animal models of multiple sclerosis. Neural Regeneration Research, 2016, 11, 90.	3.0	2

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127	Decreased Intrathecal Concentrations of Free Light Chains Kappa in Multiple Sclerosis Patients Taking Very High Effective Disease-Modifying Treatment. Diagnostics, 2022, 12, 720.	2.6	2
128	B-cell lymphoma infiltration of cerebrospinal fluid with minimal symptoms and benign course. Journal of Clinical Neuroscience, 2011, 18, 978-980.	1.5	1
129	Reply: Beneficial effects of exogenous CDP-choline (citicoline) in EAE. Brain, 2015, 138, e389-e389.	7.6	1
130	Enzephalitis., 2021,, 113-213.		1
131	Checkpoint inhibitor–induced autoimmune central nervous system disorder in patients with metastatic melanoma and Hodgkin's lymphoma. Clinical and Experimental Neuroimmunology, 2021, 12, 127-134.	1.0	1
132	Switch from intravenous to subcutaneous immunoglobulin IgPro20 in CIDP patients: a prospective observational study under real-world conditions. Therapeutic Advances in Neurological Disorders, 2021, 14, 175628642110091.	3.5	1
133	Diagnostische Methoden. , 2021, , 33-76.		0
134	Acute Enterovirus Encephalitis as a Cause for Isolated Visual and Auditory Hallucinations in a 22-Year-Old Patient. Case Reports in Psychiatry, 2021, 2021, 1-3.	0.5	0
135	Treatment with patisiran of a patient with hereditary transthyretinâ€mediated amyloidosis with stage 3 polyneuropathy. Muscle and Nerve, 2021, 64, E11-E13.	2.2	0