Jan-Patrick Stellmann

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Neuromyelitis optica: Evaluation of 871 attacks and 1,153 treatment courses. Annals of Neurology, 2016, 79, 206-216. | 5.3 | 315 |
| 2 | Antigen-Specific Tolerance by Autologous Myelin Peptide–Coupled Cells: A Phase 1 Trial in Multiple Sclerosis. Science Translational Medicine, 2013, 5, 188ra75. | 12.4 | 262 |
| 3 | Apheresis therapies for NMOSD attacks. Neurology: Neuroimmunology and NeuroInflammation, 2018, 5, e504. | 6.0 | 173 |
| 4 | Novel multiple sclerosis susceptibility loci implicated in epigenetic regulation. Science Advances, 2016, 2, e1501678. | 10.3 | 133 |
| 5 | Immunotherapies in neuromyelitis optica spectrum disorder: efficacy and predictors of response. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 639-647. | 1.9 | 123 |
| 6 | Can resistance training impact MRI outcomes in relapsing-remitting multiple sclerosis?. Multiple Sclerosis Journal, 2018, 24, 1356-1365. | 3.0 | 85 |
| 7 | Perceptions on the value of bodily functions in multiple sclerosis. Acta Neurologica Scandinavica, 2018, 137, 356-362. | 2.1 | 71 |
| 8 | Treating Progressive Multifocal Leukoencephalopathy With Interleukin 7 and Vaccination With JC Virus Capsid Protein VP1. Clinical Infectious Diseases, 2014, 59, 1588-1592. | 5.8 | 64 |
| 9 | Interleukin-6 Receptor Blockade in Treatment-Refractory MOG-IgG–Associated Disease and Neuromyelitis Optica Spectrum Disorders. Neurology: Neuroimmunology and NeuroInflammation, 2022, 9, . | 6.0 | 64 |
| 10 | Influence of female sex and fertile age on neuromyelitis optica spectrum disorders. Multiple Sclerosis Journal, 2017, 23, 1092-1103. | 3.0 | 60 |
| 11 | Heterogeneity of Multiple Sclerosis Lesions in Multislice Myelin Water Imaging. PLoS ONE, 2016, 11, e0151496. | 2.5 | 59 |
| 12 | Ecological Validity of Walking Capacity Tests in Multiple Sclerosis. PLoS ONE, 2015, 10, e0123822. | 2.5 | 55 |
| 13 | COVID-19—White matter and globus pallidum lesions. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, . | 6.0 | 55 |
| 14 | MOG-lgG in primary and secondary chronic progressive multiple sclerosis: a multicenter study of 200 patients and review of the literature. Journal of Neuroinflammation, 2018, 15, 88. | 7.2 | 52 |
| 15 | Metabolomic Profiles for Primary Progressive Multiple Sclerosis Stratification and Disease Course Monitoring. Frontiers in Human Neuroscience, 2018, 12, 226. | 2.0 | 47 |
| 16 | Moving exercise research in multiple sclerosis forward (the MoXFo initiative): Developing consensus statements for research. Multiple Sclerosis Journal, 2020, 26, 1303-1308. | 3.0 | 46 |
| 17 | Comparison of patient-reported outcome measures in multiple sclerosis. Acta Neurologica Scandinavica, 2013, 128, 114-121. | 2.1 | 43 |
| 18 | Pain, Depression, and Quality of Life in Neuromyelitis Optica Spectrum Disorder. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, . | 6.0 | 41 |

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|----|---|-----|-----------|
| 19 | Distribution of brain sodium long and short relaxation times and concentrations: a multi-echo ultra-high field 23Na MRI study. Scientific Reports, 2018, 8, 4357. | 3.3 | 40 |
| 20 | Age-Related Measurements of the Myelin Water Fraction derived from 3D multi-echo GRASE reflect Myelin Content of the Cerebral White Matter. Scientific Reports, 2018, 8, 14991. | 3.3 | 38 |
| 21 | The Myelin Water Fraction Serves as a Marker for Age-Related Myelin Alterations in the Cerebral White Matter – A Multiparametric MRI Aging Study. Frontiers in Neuroscience, 2020, 14, 136. | 2.8 | 38 |
| 22 | Longitudinal optic neuritis-unrelated visual evoked potential changes in NMO spectrum disorders. Neurology, 2020, 94, e407-e418. | 1.1 | 36 |
| 23 | Validating Predictors of Disease Progression in a Large Cohort of Primary-Progressive Multiple Sclerosis Based on a Systematic Literature Review. PLoS ONE, 2014, 9, e92761. | 2.5 | 35 |
| 24 | T1- Thresholds in Black Holes Increase Clinical-Radiological Correlation in Multiple Sclerosis Patients. PLoS ONE, 2015, 10, e0144693. | 2.5 | 34 |
| 25 | Short-term interval aerobic exercise training does not improve memory functioning in relapsing-remitting multiple sclerosis—a randomized controlled trial. PeerJ, 2018, 6, e6037. | 2.0 | 28 |
| 26 | Rituximab-Induced Hypogammaglobulinemia and Infections in AQP4 and MOG Antibody–Associated Diseases. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, . | 6.0 | 26 |
| 27 | Functional and structural connectivity substrates of cognitive performance in relapsing remitting multiple sclerosis with mild disability. NeuroImage: Clinical, 2020, 25, 102177. | 2.7 | 24 |
| 28 | Pattern of gray matter volumes related to retinal thickness and its association with cognitive function in relapsing–remitting <scp>MS</scp> . Brain and Behavior, 2017, 7, e00614. | 2.2 | 23 |
| 29 | Reduced rich-club connectivity is related to disability in primary progressive MS. Neurology: Neuroimmunology and NeuroInflammation, 2017, 4, e375. | 6.0 | 23 |
| 30 | A standardised frankincense extract reduces disease activity in relapsing-remitting multiple sclerosis (the SABA phase IIa trial). Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 330-338. | 1.9 | 23 |
| 31 | T1 Recovery Is Predominantly Found in Black Holes and Is Associated with Clinical Improvement in Patients with Multiple Sclerosis. American Journal of Neuroradiology, 2017, 38, 264-269. | 2.4 | 22 |
| 32 | Placebo Cohorts in Phase-3 MS Treatment Trials – Predictors for On-Trial Disease Activity 1990-2010 Based on a Meta-Analysis and Individual Case Data. PLoS ONE, 2012, 7, e50347. | 2.5 | 22 |
| 33 | Distinct Functional Connectivity Signatures of Impaired Social Cognition in Multiple Sclerosis. Frontiers in Neurology, 2020, 11, 507. | 2.4 | 21 |
| 34 | Magnetic Resonance Imaging in Multiple Sclerosis – Patients' Experiences, Information Interests and Responses to an Education Programme. PLoS ONE, 2014, 9, e113252. | 2.5 | 18 |
| 35 | Improved Lesion Detection by Using Axial T2-Weighted MRI with Full Spinal Cord Coverage in Multiple Sclerosis. American Journal of Neuroradiology, 2016, 37, 963-969. | 2.4 | 18 |
| 36 | Relapse rates and long-term outcome in primary angiitis of the central nervous system. Journal of Neurology, 2019, 266, 1481-1489. | 3.6 | 17 |

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|----|--|-----|-----------|
| 37 | Reliability of cortical lesion detection on double inversion recovery MRI applying the MAGNIMS-Criteria in multiple sclerosis patients within a 16-months period. PLoS ONE, 2017, 12, e0172923. | 2.5 | 16 |
| 38 | Heterogeneity of multiple sclerosis lesions in fast diffusional kurtosis imaging. PLoS ONE, 2021, 16, e0245844. | 2.5 | 16 |
| 39 | Successful Replication of GWAS Hits for Multiple Sclerosis in 10,000 Germans Using the Exome Array. Genetic Epidemiology, 2015, 39, 601-608. | 1.3 | 15 |
| 40 | Smartphone Accelerometry: A Smart and Reliable Measurement of Real-Life Physical Activity in Multiple Sclerosis and Healthy Individuals. Frontiers in Neurology, 2020, 11, 688. | 2.4 | 15 |
| 41 | The use of multiparametric quantitative magnetic resonance imaging for evaluating visually assigned lesion groups in patients with multiple sclerosis. Journal of Neurology, 2018, 265, 127-133. | 3.6 | 14 |
| 42 | Short-term MRI measurements as predictors of EDSS progression in relapsing-remitting multiple sclerosis: grey matter atrophy but not lesions are predictive in a real-life setting. PeerJ, 2016, 4, e2442. | 2.0 | 14 |
| 43 | Costs and Health-Related Quality of Life in Patients With NMO Spectrum Disorders and MOG-Antibody–Associated Disease. Neurology, 2022, 98, . | 1.1 | 14 |
| 44 | Prognostic Risk Estimates of Patients with Multiple Sclerosis and Their Physicians: Comparison to an Online Analytical Risk Counseling Tool. PLoS ONE, 2013, 8, e59042. | 2.5 | 13 |
| 45 | Fampridine and real-life walking in multiple sclerosis: Low predictive value of clinical test for habitual short-term changes. Journal of the Neurological Sciences, 2016, 368, 318-325. | 0.6 | 13 |
| 46 | Feasibility of a smartphone app to enhance physical activity in progressive MS: a pilot randomized controlled pilot trial over three months. PeerJ, 2020, 8, e9303. | 2.0 | 13 |
| 47 | Long-term treatment risks in multiple sclerosis: risk knowledge and risk perception in a large cohort of mitoxantrone-treated patients. Multiple Sclerosis Journal, 2013, 19, 920-925. | 3.0 | 12 |
| 48 | A 3meter Timed Tandem Walk is an early marker of motor and cerebellar impairment in fully ambulatory MS patients. Journal of the Neurological Sciences, 2014, 346, 99-106. | 0.6 | 12 |
| 49 | Magnetic resonance imaging as a prognostic disability marker in clinically isolated syndrome: A systematic review. Acta Neurologica Scandinavica, 2019, 139, 18-32. | 2.1 | 12 |
| 50 | Impairment and restrictions in possibly benign multiple sclerosis. Brain and Behavior, 2019, 9, e01259. | 2.2 | 12 |
| 51 | Emotions towards magnetic resonance imaging in people with multiple sclerosis. Acta Neurologica Scandinavica, 2019, 139, 497-504. | 2.1 | 12 |
| 52 | Regression to the Mean and Predictors of MRI Disease Activity in RRMS Placebo Cohorts - Is There a Place for Baseline-to-Treatment Studies in MS?. PLoS ONE, 2015, 10, e0116559. | 2.5 | 11 |
| 53 | Low clinical conversion rate in clinically isolated syndrome patients – diagnostic benefit of McDonald 2010 criteria?. European Journal of Neurology, 2018, 25, 247. | 3.3 | 10 |
| 54 | Blunted neural and psychological stress processing predicts future grey matter atrophy in multiple sclerosis. Neurobiology of Stress, 2020, 13, 100244. | 4.0 | 10 |

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| 55 | Aerobic Exercise Induces Functional and Structural Reorganization of CNS Networks in Multiple Sclerosis: A Randomized Controlled Trial. Frontiers in Human Neuroscience, 2020, 14, 255. | 2.0 | 10 |
| 56 | "History had taken such a large piece out of my life―— Neuroscientist refugees from Hamburg during National Socialism. Journal of the History of the Neurosciences, 2016, 25, 275-298. | 0.9 | 9 |
| 57 | Chronic T2 Lesions in Multiple Sclerosis are Heterogeneous Regarding Phase MR Imaging. Clinical Neuroradiology, 2016, 26, 457-464. | 1.9 | 9 |
| 58 | Cognitive performance shows domain specific associations with regional cortical thickness in multiple sclerosis. NeuroImage: Clinical, 2021, 30, 102606. | 2.7 | 8 |
| 59 | Ruxolitinib treatment in a patient with neuromyelitis optica: A case report. Neurology: Neuroimmunology and NeuroInflammation, 2017, 4, e328. | 6.0 | 7 |
| 60 | T1 Relaxation Times in the Cortex and Thalamus Are Associated With Working Memory and Information Processing Speed in Patients With Multiple Sclerosis. Frontiers in Neurology, 2021, 12, 789812. | 2.4 | 7 |
| 61 | Alterations of Microstructure and Sodium Homeostasis in Fast Amyotrophic Lateral Sclerosis Progressors: A Brain DTI and Sodium MRI Study. American Journal of Neuroradiology, 2022, 43, 984-990. | 2.4 | 7 |
| 62 | No relevant impact of ambient temperature on disability measurements in a large cohort of patients with multiple sclerosis. European Journal of Neurology, 2017, 24, 851-857. | 3.3 | 5 |
| 63 | T1w dark blood imaging improves detection of contrast enhancing lesions in multiple sclerosis. PLoS ONE, 2017, 12, e0183099. | 2.5 | 5 |
| 64 | Is multiple sclerosis progression associated with the HLA-DR15 haplotype?. Multiple Sclerosis Journal - Experimental, Translational and Clinical, 2019, 5, 205521731989461. | 1.0 | 5 |
| 65 | Study protocol for a randomised controlled trial of a web-based behavioural lifestyle programme for emPOWERment in early Multiple Sclerosis (POWER@MS1). BMJ Open, 2021, 11, e041720. | 1.9 | 5 |
| 66 | Brain grey matter perfusion in primary progressive multiple sclerosis: Mild decrease over years and regional associations with cognition and hand function. European Journal of Neurology, 2022, 29, 1741-1752. | 3.3 | 5 |
| 67 | Spectrally fat-suppressed coronal 2D TSE sequences may be more sensitive than 2D STIR for the detection of hyperintense optic nerve lesions. European Radiology, 2019, 29, 6266-6274. | 4.5 | 4 |
| 68 | Borrowing strength from adults: Transferability of AI algorithms for paediatric brain and tumour segmentation. European Journal of Radiology, 2022, 151, 110291. | 2.6 | 3 |
| 69 | Development of Cortical Lesion Volumes on Double Inversion Recovery MRI in Patients With Relapse-Onset Multiple Sclerosis. Frontiers in Neurology, 2019, 10, 133. | 2.4 | 2 |
| 70 | Assessing the effect of an evidence-based patient online educational tool for people with multiple sclerosis called UMIMS—understanding magnetic resonance imaging in multiple sclerosis: study protocol for a double-blind, randomized controlled trial. Trials, 2020, 21, 1008. | 1.6 | 2 |
| 71 | Delayed access to conscious processing in multiple sclerosis: Reduced cortical activation and impaired structural connectivity. Human Brain Mapping, 2021, 42, 3379-3395. | 3.6 | 1 |
| 72 | 1.318 Malignant neuroleptic syndrome in a case of acute extrapontine myelinolysis. Parkinsonism and Related Disorders, 2007, 13, S81. | 2.2 | 0 |