

Carsten Finke

List of Publications by Citations

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107
papers

2,717
citations

27
h-index

50
g-index

136
ext. papers

3,679
ext. citations

6.3
avg, IF

4.98
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 107 | N-methyl-D-aspartate receptor antibodies in herpes simplex encephalitis. <i>Annals of Neurology</i> , 2012 , 72, 902-11 | 9.4 | 262 |
| 106 | Retinal layer segmentation in multiple sclerosis: a systematic review and meta-analysis. <i>Lancet Neurology</i> , 2017 , 16, 797-812 | 24.1 | 243 |
| 105 | Cognitive deficits following anti-NMDA receptor encephalitis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012 , 83, 195-8 | 5.5 | 225 |
| 104 | Evaluation of Cognitive Deficits and Structural Hippocampal Damage in Encephalitis With Leucine-Rich, Glioma-Inactivated 1 Antibodies. <i>JAMA Neurology</i> , 2017 , 74, 50-59 | 17.2 | 156 |
| 103 | Imaging of autoimmune encephalitis--Relevance for clinical practice and hippocampal function. <i>Neuroscience</i> , 2015 , 309, 68-83 | 3.9 | 150 |
| 102 | Functional and structural brain changes in anti-N-methyl-D-aspartate receptor encephalitis. <i>Annals of Neurology</i> , 2013 , 74, 284-96 | 9.4 | 110 |
| 101 | Altered basal ganglia functional connectivity in multiple sclerosis patients with fatigue. <i>Multiple Sclerosis Journal</i> , 2015 , 21, 925-34 | 5 | 109 |
| 100 | Structural Hippocampal Damage Following Anti-N-Methyl-D-Aspartate Receptor Encephalitis. <i>Biological Psychiatry</i> , 2016 , 79, 727-734 | 7.9 | 94 |
| 99 | High prevalence of NMDA receptor IgA/IgM antibodies in different dementia types. <i>Annals of Clinical and Translational Neurology</i> , 2014 , 1, 822-32 | 5.3 | 78 |
| 98 | Selective neuronal vulnerability of human hippocampal CA1 neurons: lesion evolution, temporal course, and pattern of hippocampal damage in diffusion-weighted MR imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015 , 35, 1836-45 | 7.3 | 74 |
| 97 | Functional connectivity of large-scale brain networks in patients with anti-NMDA receptor encephalitis: an observational study. <i>Lancet Psychiatry</i> , 2017 , 4, 768-774 | 23.3 | 70 |
| 96 | The human hippocampal formation mediates short-term memory of colour-location associations. <i>Neuropsychologia</i> , 2008 , 46, 614-23 | 3.2 | 63 |
| 95 | Cognitive outcomes following anti-N-methyl-D-aspartate receptor encephalitis: A systematic review. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2018 , 40, 234-252 | 2.1 | 54 |
| 94 | Immunoabsorption or plasma exchange in the treatment of autoimmune encephalitis: a pilot study. <i>Journal of Neurology</i> , 2016 , 263, 2395-2402 | 5.5 | 52 |
| 93 | Multiple sclerosis-related fatigue: Altered resting-state functional connectivity of the ventral striatum and dorsolateral prefrontal cortex. <i>Multiple Sclerosis Journal</i> , 2019 , 25, 554-564 | 5 | 39 |
| 92 | Normal volumes and microstructural integrity of deep gray matter structures in AQP4+ NMOSD. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2016 , 3, e229 | 9.1 | 38 |
| 91 | Brain parenchymal damage in neuromyelitis optica spectrum disorder - A multimodal MRI study. <i>European Radiology</i> , 2016 , 26, 4413-4422 | 8 | 38 |

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|----|--|------|----|
| 90 | Dynamics of saccade parameters in multiple sclerosis patients with fatigue. <i>Journal of Neurology</i> , 2012 , 259, 2656-63 | 5.5 | 38 |
| 89 | Perisaccadic compression correlates with saccadic peak velocity: differential association of eye movement dynamics with perceptual mislocalization patterns. <i>Journal of Neuroscience</i> , 2007 , 27, 7559-63 | 6.6 | 33 |
| 88 | Combined physical and cognitive training for older adults with and without cognitive impairment: A systematic review and network meta-analysis of randomized controlled trials. <i>Ageing Research Reviews</i> , 2021 , 66, 101232 | 12 | 33 |
| 87 | Reorganization of associative memory in humans with long-standing hippocampal damage. <i>Brain</i> , 2008 , 131, 2742-50 | 11.2 | 32 |
| 86 | Association of Visual Impairment in Neuromyelitis Optica Spectrum Disorder With Visual Network Reorganization. <i>JAMA Neurology</i> , 2018 , 75, 296-303 | 17.2 | 31 |
| 85 | Beyond the limbic system: disruption and functional compensation of large-scale brain networks in patients with anti-LGI1 encephalitis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, 1191-1199 | 5.5 | 30 |
| 84 | Retinal nerve fibre layer thickness correlates with brain white matter damage in multiple sclerosis: a combined optical coherence tomography and diffusion tensor imaging study. <i>Multiple Sclerosis Journal</i> , 2014 , 20, 1904-7 | 5 | 30 |
| 83 | Superficial white matter damage in anti-NMDA receptor encephalitis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, 518-525 | 5.5 | 28 |
| 82 | Characterizing the phenotype of multiple sclerosis-associated depression in comparison with idiopathic major depression. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 1476-1484 | 5 | 27 |
| 81 | Neural correlates of short-term memory reorganization in humans with hippocampal damage. <i>Journal of Neuroscience</i> , 2013 , 33, 11061-9 | 6.6 | 27 |
| 80 | E.U. paediatric MOG consortium consensus: Part 1 - Classification of clinical phenotypes of paediatric myelin oligodendrocyte glycoprotein antibody-associated disorders. <i>European Journal of Paediatric Neurology</i> , 2020 , 29, 2-13 | 3.8 | 26 |
| 79 | Anatomical Wiring and Functional Networking Changes in the Visual System Following Optic Neuritis. <i>JAMA Neurology</i> , 2018 , 75, 287-295 | 17.2 | 25 |
| 78 | Neuronal autoantibodies associated with cognitive impairment in melanoma patients. <i>Annals of Oncology</i> , 2019 , 30, 823-829 | 10.3 | 23 |
| 77 | Computerized Cognitive Training in Multiple Sclerosis: A Systematic Review and Meta-analysis. <i>Neurorehabilitation and Neural Repair</i> , 2019 , 33, 695-706 | 4.7 | 22 |
| 76 | Multidimensional Evaluation of Virtual Reality Paradigms in Clinical Neuropsychology: Application of the VR-Check Framework. <i>Journal of Medical Internet Research</i> , 2020 , 22, e16724 | 7.6 | 22 |
| 75 | Evaluation of the 3D fractal dimension as a marker of structural brain complexity in multiple-acquisition MRI. <i>Human Brain Mapping</i> , 2019 , 40, 3299-3320 | 5.9 | 19 |
| 74 | Preservation of musical memory in an amnesic professional cellist. <i>Current Biology</i> , 2012 , 22, R591-2 | 6.3 | 19 |
| 73 | Childhood multiple sclerosis is associated with reduced brain volumes at first clinical presentation and brain growth failure. <i>Multiple Sclerosis Journal</i> , 2019 , 25, 927-936 | 5 | 18 |

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|----|---|-----|----|
| 72 | Lesions affecting the right hippocampal formation differentially impair short-term memory of spatial and nonspatial associations. <i>Hippocampus</i> , 2011 , 21, 309-18 | 3.5 | 18 |
| 71 | Disentangling Hippocampal and Amygdala Contribution to Human Anxiety-Like Behavior. <i>Journal of Neuroscience</i> , 2019 , 39, 8517-8526 | 6.6 | 17 |
| 70 | E.U. paediatric MOG consortium consensus: Part 5 - Treatment of paediatric myelin oligodendrocyte glycoprotein antibody-associated disorders. <i>European Journal of Paediatric Neurology</i> , 2020 , 29, 41-53 | 3.8 | 16 |
| 69 | Anti-NMDAR encephalitis mimicking HaNDL syndrome. <i>Cephalalgia</i> , 2014 , 34, 1012-4 | 6.1 | 15 |
| 68 | Visual dysfunction, but not retinal thinning, following anti-NMDA receptor encephalitis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2016 , 3, e198 | 9.1 | 14 |
| 67 | Visuo-spatial memory deficits following medial temporal lobe damage: A comparison of three patient groups. <i>Neuropsychologia</i> , 2016 , 81, 168-179 | 3.2 | 14 |
| 66 | High prevalence of neuronal surface autoantibodies associated with cognitive deficits in cancer patients. <i>Journal of Neurology</i> , 2017 , 264, 1968-1977 | 5.5 | 14 |
| 65 | Hippocampal Dentate Gyrus Atrophy Predicts Pattern Separation Impairment in Patients with LGI1 Encephalitis. <i>Neuroscience</i> , 2019 , 400, 120-131 | 3.9 | 14 |
| 64 | Standardization of T1w/T2w Ratio Improves Detection of Tissue Damage in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2019 , 10, 334 | 4.1 | 13 |
| 63 | Distinct Functional Connectivity Signatures of Impaired Social Cognition in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2020 , 11, 507 | 4.1 | 12 |
| 62 | Memory integration in humans with hippocampal lesions. <i>Hippocampus</i> , 2017 , 27, 1230-1238 | 3.5 | 12 |
| 61 | E.U. paediatric MOG consortium consensus: Part 3 - Biomarkers of paediatric myelin oligodendrocyte glycoprotein antibody-associated disorders. <i>European Journal of Paediatric Neurology</i> , 2020 , 29, 22-31 | 3.8 | 11 |
| 60 | E.U. paediatric MOG consortium consensus: Part 4 - Outcome of paediatric myelin oligodendrocyte glycoprotein antibody-associated disorders. <i>European Journal of Paediatric Neurology</i> , 2020 , 29, 32-40 | 3.8 | 11 |
| 59 | Cognitive impact of neuronal antibodies: encephalitis and beyond. <i>Translational Psychiatry</i> , 2020 , 10, 304 | 8.6 | 11 |
| 58 | Anti-ARHGAP26 Autoantibodies Are Associated With Isolated Cognitive Impairment. <i>Frontiers in Neurology</i> , 2018 , 9, 656 | 4.1 | 9 |
| 57 | E.U. paediatric MOG consortium consensus: Part 2 - Neuroimaging features of paediatric myelin oligodendrocyte glycoprotein antibody-associated disorders. <i>European Journal of Paediatric Neurology</i> , 2020 , 29, 14-21 | 3.8 | 8 |
| 56 | Altered paired associative stimulation-induced plasticity in NMDAR encephalitis. <i>Annals of Clinical and Translational Neurology</i> , 2016 , 3, 101-113 | 5.3 | 8 |
| 55 | Clinical and Magnetic Resonance Imaging Outcome Predictors in Pediatric Anti-N-Methyl-D-Aspartate Receptor Encephalitis. <i>Annals of Neurology</i> , 2020 , 88, 148-159 | 9.4 | 8 |

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| 54 | The fraction of varicella zoster virus-specific antibodies among all intrathecally-produced antibodies discriminates between patients with varicella zoster virus reactivation and multiple sclerosis. <i>Fluids and Barriers of the CNS</i> , 2014 , 11, 3 | 7 | 7 |
| 53 | Anti-NMDA receptor antibodies in a case of MELAS syndrome. <i>Journal of Neurology</i> , 2012 , 259, 582-4 | 5.5 | 7 |
| 52 | Musical memory and hippocampus revisited: Evidence from a musical layperson with highly selective hippocampal damage. <i>Cortex</i> , 2019 , 119, 519-527 | 3.8 | 6 |
| 51 | Inhibition of visual discrimination during a memory-guided saccade task. <i>Journal of Neurophysiology</i> , 2004 , 92, 660-4 | 3.2 | 6 |
| 50 | Visual system damage and network maladaptation are associated with cognitive performance in neuromyelitis optica spectrum disorders. <i>Multiple Sclerosis and Related Disorders</i> , 2020 , 45, 102406 | 4 | 6 |
| 49 | Clinical and neuroimaging findings in MOGAD-MRI and OCT. <i>Clinical and Experimental Immunology</i> , 2021 , 206, 266-281 | 6.2 | 6 |
| 48 | Normal gut microbiome in NMDA receptor encephalitis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2019 , 6, | 9.1 | 6 |
| 47 | Multiple system atrophy masking multiple sclerosis. <i>Clinical Neurology and Neurosurgery</i> , 2010 , 112, 59-61 | | 5 |
| 46 | Transdiagnostic hippocampal damage patterns in neuroimmunological disorders. <i>NeuroImage: Clinical</i> , 2020 , 28, 102515 | 5.3 | 5 |
| 45 | Ventral posterior nucleus volume is associated with neuropathic pain intensity in neuromyelitis optica spectrum disorders. <i>Multiple Sclerosis and Related Disorders</i> , 2020 , 46, 102579 | 4 | 5 |
| 44 | Quantitative Multi-Parameter Mapping Optimized for the Clinical Routine. <i>Frontiers in Neuroscience</i> , 2020 , 14, 611194 | 5.1 | 5 |
| 43 | Rituximab Treatment and Long-term Outcome of Patients With Autoimmune Encephalitis: Real-world Evidence From the GENERATE Registry. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021 , 8, | 9.1 | 5 |
| 42 | Propofol Modulates Early Memory Consolidation in Humans. <i>ENeuro</i> , 2020 , 7, | 3.9 | 4 |
| 41 | Autoantibodies Against the Purkinje Cell Protein RGS8 in Paraneoplastic Cerebellar Syndrome. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021 , 8, | 9.1 | 4 |
| 40 | Magnetic resonance T1w/T2w ratio in the middle cerebellar peduncle might be a sensitive biomarker for multiple system atrophy. <i>European Radiology</i> , 2021 , 31, 4277-4284 | 8 | 4 |
| 39 | Plasma viscosity in giant cell arteritis. <i>European Neurology</i> , 2011 , 66, 159-64 | 2.1 | 3 |
| 38 | Inhibition of orienting during a memory-guided saccade task shows a Mexican-hat distribution. <i>Neuroscience</i> , 2008 , 153, 189-95 | 3.9 | 3 |
| 37 | Impaired representation of geometric relationships in humans with damage to the hippocampal formation. <i>PLoS ONE</i> , 2011 , 6, e19507 | 3.7 | 3 |

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| 36 | Longitudinal analysis of T1w/T2w ratio in patients with multiple sclerosis from first clinical presentation. <i>Multiple Sclerosis Journal</i> , 2021 , 27, 2180-2190 | 5 | 3 |
| 35 | Artificial intelligence extension of the OSCAR-IB criteria. <i>Annals of Clinical and Translational Neurology</i> , 2021 , 8, 1528-1542 | 5.3 | 3 |
| 34 | Long-Term Cognitive Outcome in Anti-N-Methyl-D-Aspartate Receptor Encephalitis. <i>Annals of Neurology</i> , 2021 , 90, 949-961 | 9.4 | 3 |
| 33 | Untersuchungen des visuellen Systems in der Neurologie: aktuelle Forschung und klinische Relevanz. <i>Aktuelle Neurologie</i> , 2017 , 44, 27-45 | | 2 |
| 32 | Integrating across memory episodes: Developmental trends. <i>PLoS ONE</i> , 2019 , 14, e0215848 | 3.7 | 2 |
| 31 | A transdiagnostic pattern of psychiatric symptoms in autoimmune encephalitis. <i>Lancet Psychiatry</i> , 2019 , 6, 191-193 | 23.3 | 2 |
| 30 | Computerized Cognitive Training in Cognitively Healthy Older Adults: A Systematic Review and Network Meta-Analysis | | 2 |
| 29 | Konsensuspapier zum Einsatz der therapeutischen Apherese in der Neurologie. <i>DGNeurologie</i> , 2019 , 2, 15-33 | 0.2 | 2 |
| 28 | Combined physical and cognitive training for older adults with and without cognitive impairment: A systematic review and network meta-analysis of randomized controlled trials | | 2 |
| 27 | No impact of functional connectivity of the motor system on the resting motor threshold: A replication study | | 2 |
| 26 | Effects of Anti-NMDA Antibodies on Functional Recovery and Synaptic Rearrangement Following Hemicerebellectomy. <i>NeuroMolecular Medicine</i> , 2016 , 18, 190-202 | 4.6 | 2 |
| 25 | Magnetic Resonance Imaging of Multiple Sclerosis at 7.0 Tesla. <i>Journal of Visualized Experiments</i> , 2021 , | 1.6 | 2 |
| 24 | Association Between Neuronal Autoantibodies and Cognitive Impairment in Patients With Lung Cancer. <i>JAMA Oncology</i> , 2021 , 7, 1302-1310 | 13.4 | 2 |
| 23 | Clinical, serological and genetic predictors of response to immunotherapy in anti-IgLON5 disease.. <i>Brain</i> , 2022 , | 11.2 | 2 |
| 22 | Early volumetric changes of hippocampus and medial prefrontal cortex following medial temporal lobe resection. <i>European Journal of Neuroscience</i> , 2020 , 52, 4375-4384 | 3.5 | 1 |
| 21 | Pursuing functional connectivity in NMDAR1 autoantibody carriers - Authors' reply. <i>Lancet Psychiatry</i> , 2018 , 5, 22 | 23.3 | 1 |
| 20 | Teaching Video NeuroImages: An endoscopic view of symptomatic palatal tremor. <i>Neurology</i> , 2010 , 74, e16 | 6.5 | 1 |
| 19 | Pearls & Oysters: Vestibular neuritis or not?: The significance of head tilt in a patient with rotatory vertigo. <i>Neurology</i> , 2009 , 72, e101-2 | 6.5 | 1 |

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| 18 | Functional connectivity alterations between default mode network and occipital cortex in patients with obsessive-compulsive disorder (OCD).. <i>NeuroImage: Clinical</i> , 2021 , 33, 102915 | 5.3 | 1 |
| 17 | Functional connectivity alterations of striato-cortical circuits in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2021 , 27, 1469-1470 | 5 | 1 |
| 16 | No Impact of Functional Connectivity of the Motor System on the Resting Motor Threshold: A Replication Study. <i>Frontiers in Neuroscience</i> , 2021 , 15, 627445 | 5.1 | 1 |
| 15 | Multidimensional assessment of virtual reality applications in clinical neuropsychology: The VR-Check protocol 2019 , | | 1 |
| 14 | Immersive Virtual Reality for the Assessment and Training of Spatial Memory: Feasibility in Individuals with Brain Injury 2019 , | | 1 |
| 13 | Cognitive Impairment in Multiple System Atrophy Is Related to White Matter Damage Detected by the T1-Weighted/T2-Weighted Ratio. <i>European Neurology</i> , 2021 , 84, 435-443 | 2.1 | 1 |
| 12 | Etanercept-associated myelitis. <i>Oxford Medical Case Reports</i> , 2015 , 2015, 220-1 | 0.6 | 0 |
| 11 | State-dependent signatures of anti-methyl-d-aspartate receptor encephalitis.. <i>Brain Communications</i> , 2022 , 4, fcab298 | 4.5 | 0 |
| 10 | Toward personalized medicine in connectomic deep brain stimulation.. <i>Progress in Neurobiology</i> , 2021 , 210, 102211 | 10.9 | 0 |
| 9 | Computerized cognitive training in people with depression: a protocol for a systematic review and meta-analysis.. <i>Systematic Reviews</i> , 2022 , 11, 6 | 3 | 0 |
| 8 | Computerised cognitive training in Parkinson's disease: a protocol for a systematic review and updated meta-analysis. <i>BMJ Open</i> , 2020 , 10, e040656 | 3 | 0 |
| 7 | MRI Findings Suggestive of Herpes Simplex Encephalitis in Patients with Anti-NMDA Receptor Encephalitis. <i>American Journal of Neuroradiology</i> , 2018 , 39, E120 | 4.4 | 0 |
| 6 | Brain connectivity fingerprinting and behavioural prediction rest on distinct functional systems of the human connectome.. <i>Communications Biology</i> , 2022 , 5, 261 | 6.7 | 0 |
| 5 | Clinical Reasoning: A 57-year-old woman who developed acute amnesia following fever and upper respiratory symptoms. <i>Neurology</i> , 2015 , 85, 1822 | 6.5 | |
| 4 | Long-Term Connectome Analysis Reveals Reshaping of Visual, Spatial Networks in a Model With Vascular Dementia Features.. <i>Stroke</i> , 2022 , STROKEAHA121036997 | 6.7 | |
| 3 | Neuronale Autoantikörper und assoziierte kognitive Defizite bei Patienten mit kleinzelligem und nichtkleinzelligem Lungenkarzinom. <i>Pneumologie</i> , 2017 , 71, S1-S125 | 0.5 | |
| 2 | NMDAR antibodies in patients with psychosis. <i>Lancet Psychiatry</i> , 2021 , 8, 88-89 | 23.3 | |
| 1 | Diagnostic efficacy of the magnetic resonance T1w/T2w ratio for the middle cerebellar peduncle in multiple system atrophy and spinocerebellar ataxia: A preliminary study.. <i>PLoS ONE</i> , 2022 , 17, e0267024 ^{3,7} | | |

