# Dagmar Timmann

List of Publications by Year
in descending order

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Version: 2024-02-01

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|---|---|---|---|
| 86 papers | 3,514 citations | 147801 31 h-index | 168389 53 g-index |
| 91 all docs | 91 docs citations | 91 times ranked | 4433 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Sensory axonal neuropathy in RFC1-disease: tip of the iceberg of broad subclinical multisystemic neurodegeneration. Brain, 2022, 145, e6-e9. | 7.6 | 6 |
| 2 | Quantitative susceptibility mapping reveals alterations of dentate nuclei in common types of degenerative cerebellar ataxias. Brain Communications, 2022, 4, fcab306. | 3.3 | 15 |
| 3 | Investigation of biases in convolutional neural networks for semantic segmentation using performance sensitivity analysis. Zeitschrift Fur Medizinische Physik, 2022, 32, 346-360. | 1.5 | 2 |
| 4 | Realâ€Life Turning Movements Capture Subtle Longitudinal and Preataxic Changes in Cerebellar Ataxia. Movement Disorders, 2022, 37, 1047-1058. | 3.9 | 24 |
| 5 | A checklist for assessing the methodological quality of concurrent tES-fMRI studies (ContES) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf | 12.0 | 21 |
| 6 | The CCAS-scale in hereditary ataxias: helpful on the group level, particularly in SCA3, but limited in individual patients. Journal of Neurology, 2022, 269, 4363-4374. | 3.6 | 13 |
| 7 | Temporal dynamics of fMRI signal changes during conditioned interoceptive pain-related fear and safety acquisition and extinction. Behavioural Brain Research, 2022, 427, 113868. | 2.2 | 7 |
| 8 | The cerebellum contributes to context-effects during fear extinction learning: A 7T fMRI study. NeuroImage, 2022, 253, 119080. | 4.2 | 21 |
| 9 | Cerebellar ataxia, neuropathy and vestibular areflexia syndrome (CANVAS): from clinical diagnosis towards genetic testing. Medizinische Genetik, 2022, 33, 301-310. | 0.2 | 1 |
| 10 | Motor trainingâ€related brain reorganization in patients with cerebellar degeneration. Human Brain Mapping, 2022, 43, 1611-1629. | 3.6 | 4 |
| 11 | Endocrine and Growth Abnormalities in 4H Leukodystrophy Caused by Variants in POLR3A, POLR3B, and POLR1C. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e660-e674. | 3.6 | 26 |
| 12 | Natural History, Phenotypic Spectrum, and Discriminative Features of Multisystemic RFC1 Disease. Neurology, 2021, 96, e1369-e1382. | 1.1 | 93 |
| 13 | Spinocerebellar ataxia type 14: refining clinicogenetic diagnosis in a rare adultâ€onset disorder. Annals of Clinical and Translational Neurology, 2021, 8, 774-789. | 3.7 | 13 |
| 14 | Update cerebellum and cognition. Journal of Neurology, 2021, 268, 3921-3925. | 3.6 | 27 |
| 15 | Biallelic loss-of-function variations in PRDX3 cause cerebellar ataxia. Brain, 2021, 144, 1467-1481. | 7.6 | 18 |
| 16 | Neurostructural changes and declining sensorimotor function due to cerebellar cortical degeneration. Journal of Neurophysiology, 2021, 125, 1735-1745. | 1.8 | 5 |
| 17 | The ARCA Registry: A Collaborative Global Platform for Advancing Trial Readiness in Autosomal Recessive Cerebellar Ataxias. Frontiers in Neurology, 2021, 12, 677551. | 2.4 | 15 |
| 18 | Natural History of Polymerase Gammaâ€“Related Ataxia. Movement Disorders, 2021, 36, 2642-2652. | 3.9 | 10 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Brain Structure and Degeneration Staging in Friedreich Ataxia: <scp>Magnetic Resonance Imaging</scp> Volumetrics from the <scp>ENIGMAâ€Ataxia</scp> Working Group. Annals of Neurology, 2021, 90, 570-583. | 5.3 | 27 |
| 20 | Resection of cerebellar tumours causes widespread and functionally relevant white matter impairments. Human Brain Mapping, 2021, 42, 1641-1656. | 3.6 | 7 |
| 21 | Reference values for the Cerebellar Cognitive Affective Syndrome Scale: age and education matter. Brain, 2021, 144, e20-e20. | 7.6 | 14 |
| 22 | Fampridine and Acetazolamide in EA2 and Related Familial EA. Neurology: Clinical Practice, 2021, 11, e438-e446. | 1.6 | 27 |
| 23 | Ataxien â€“ Eine aktuelle Ãœbersicht Ã¼ber die weiter wachsende Anzahl mÃ¶glicher Diagnosen. Neurologie Up2date, 2021, 04, 391-410. | 0.0 | 0 |
| 24 | Cerebellum is more concerned about visceral than somatic pain. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 218-219. | 1.9 | 12 |
| 25 | Conversion of individuals at risk for spinocerebellar ataxia types 1, 2, 3, and 6 to manifest ataxia (RISCA): a longitudinal cohort study. Lancet Neurology, The, 2020, 19, 738-747. | 10.2 | 41 |
| 26 | Validation of a German version of the Cerebellar Cognitive Affective/ Schmahmann Syndrome Scale: preliminary version and study protocol. Neurological Research and Practice, 2020, 2, 39. | 2.0 | 13 |
| 27 | Real-life gait assessment in degenerative cerebellar ataxia. Neurology, 2020, 95, e1199-e1210. | 1.1 | 60 |
| 28 | Extinction of cognitive associations is preserved in patients with cerebellar disease. Neurobiology of Learning and Memory, 2020, 169, 107185. | 1.9 | 1 |
| 29 | Interaction of Fear Conditioning with Eyeblink Conditioning Supports the Sensory Gating Hypothesis of the Amygdala in Men. ENeuro, 2020, 7, ENEURO.0128-20.2020. | 1.9 | 6 |
| 30 | Long-term effects of cerebellar anodal transcranial direct current stimulation (tDCS) on the acquisition and extinction of conditioned eyeblink responses. Scientific Reports, 2020, 10, 22434. | 3.3 | 4 |
| 31 | Structural characteristics of the central nervous system in FriedreichÂataxia: an in vivo spinal cord and brain MRI study. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 615-617. | 1.9 | 33 |
| 32 | Long Trace Eyeblink Conditioning Is Largely Preserved in Essential Tremor. Cerebellum, 2019, 18, 67-75. | 2.5 | 3 |
| 33 | Prediction of Survival With Longâ€Term Disease Progression in Most Common Spinocerebellar Ataxia. Movement Disorders, 2019, 34, 1220-1227. | 3.9 | 14 |
| 34 | Consensus Paper: Experimental Neurostimulation of the Cerebellum. Cerebellum, 2019, 18, 1064-1097. | 2.5 | 120 |
| 35 | Effects of cerebellar transcranial direct current stimulation on cerebellar-brain inhibition in humans: A systematic evaluation. Brain Stimulation, 2019, 12, 1177-1186. | 1.6 | 49 |
| 36 | Speech treatment improves dysarthria in multisystemic ataxia: a rater-blinded, controlled pilot-study in ARSACS. Journal of Neurology, 2019, 266, 1260-1266. | 3.6 | 27 |

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|---|---|---|---|
| 37 | Cerebellar transcranial direct current stimulation modulates the fMRI signal in the cerebellar nuclei in a simple motor task. Brain Stimulation, 2019, 12, 1169-1176. | 1.6 | 19 |
| 38 | How to help cerebellar patients make the most of their remaining learning capacities. Brain, 2019, 142, 492-495. | 7.6 | 7 |
| 39 | Extinction and Renewal of Conditioned Eyeblink Responses in Focal Cerebellar Disease. Cerebellum, 2019, 18, 166-177. | 2.5 | 7 |
| 40 | Analysis of intensity normalization for optimal segmentation performance of a fully convolutional neural network. Zeitschrift Fur Medizinische Physik, 2019, 29, 128-138. | 1.5 | 17 |
| 41 | Clinical spectrum of POLR3-related leukodystrophy caused by biallelic POLR1C pathogenic variants. Neurology: Genetics, 2019, 5, e369. | 1.9 | 38 |
| 42 | Reply: POLR3A variants in hereditary spastic paraplegia and ataxia. Brain, 2018, 141, e2-e2. | 7.6 | 10 |
| 43 | The role of the human cerebellum in linguistic prediction, word generation and verbal working memory: evidence from brain imaging, non-invasive cerebellar stimulation and lesion studies. Neuropsychologia, 2018, 115, 204-210. | 1.6 | 38 |
| 44 | Survival in patients with spinocerebellar ataxia types 1, 2, 3, and 6 (EUROSCA): a longitudinal cohort study. Lancet Neurology, The, 2018, 17, 327-334. | 10.2 | 69 |
| 45 | Long-term evolution of patient-reported outcome measures in spinocerebellar ataxias. Journal of Neurology, 2018, 265, 2040-2051. | 3.6 | 34 |
| 46 | Coordination and timing deficits in speech and swallowing in autosomal recessive spastic ataxia of Charlevoixâ€“Saguenay (ARSACS). Journal of Neurology, 2018, 265, 2060-2070. | 3.6 | 21 |
| 47 | Activity and connectivity of the cerebellum in trigeminal nociception. NeuroImage, 2017, 150, 112-118. | 4.2 | 66 |
| 48 | Cerebellar patients do not benefit from cerebellar or M1 transcranial direct current stimulation during force-field reaching adaptation. Journal of Neurophysiology, 2017, 118, 732-748. | 1.8 | 43 |
| 49 | Hypomorphic mutations in POLR3A are a frequent cause of sporadic and recessive spastic ataxia. Brain, 2017, 140, 1561-1578. | 7.6 | 85 |
| 50 | Loss-of-function mutations in theATP13A2/PARK9 gene cause complicated hereditary spastic paraplegia (SPG78). Brain, 2017, 140, 287-305. | 7.6 | 135 |
| 51 | Alcohol improves cerebellar learning deficit in myoclonusâ€“dystonia: A clinical and electrophysiological investigation. Annals of Neurology, 2017, 82, 543-553. | 5.3 | 39 |
| 52 | Clinical and genetic characteristics of sporadic adult-onset degenerative ataxia. Neurology, 2017, 89, 1043-1049. | 1.1 | 45 |
| 53 | Cerebellar-dependent associative learning is impaired in very preterm born children and young adults. Scientific Reports, 2017, 7, 18028. | 3.3 | 20 |
| 54 | Cerebellar tDCS Effects on Conditioned Eyeblinks using Different Electrode Placements and Stimulation Protocols. Frontiers in Human Neuroscience, 2017, 11, 23. | 2.0 | 17 |

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|---|---|---|---|
| 55 | Effects of transcranial direct current stimulation on grip force control in patients with cerebellar degeneration. Cerebellum and Ataxias, 2017, 4, 15. | 1.9 | 18 |
| 56 | Individual changes in preclinical spinocerebellar ataxia identified via increased motor complexity. Movement Disorders, 2016, 31, 1891-1900. | 3.9 | 54 |
| 57 | MultisystemicSYNE1ataxia: confirming the high frequency and extending the mutational and phenotypic spectrum. Brain, 2016, 139, e46-e46. | 7.6 | 40 |
| 58 | Diffuse hypomyelination is not obligate for POLR3-related disorders. Neurology, 2016, 86, 1622-1626. | 1.1 | 65 |
| 59 | SYNE1 ataxia is a common recessive ataxia with major non-cerebellar features: a large multi-centre study. Brain, 2016, 139, 1378-1393. | 7.6 | 87 |
| 60 | Progression characteristics of the European Friedreichâ€™s Ataxia Consortium for Translational Studies (EFACTS): a 2 year cohort study. Lancet Neurology, The, 2016, 15, 1346-1354. | 10.2 | 117 |
| 61 | Structural and Functional Magnetic Resonance Imaging of the Cerebellum: Considerations for Assessing Cerebellar Ataxias. Cerebellum, 2016, 15, 21-25. | 2.5 | 29 |
| 62 | Contribution of the Cerebellum in Cue-Dependent Force Changes During an Isometric Precision Grip Task. Cerebellum, 2016, 15, 439-450. | 2.5 | 3 |
| 63 | Prehension Kinematics, Grasping Forces, and Independent Finger Control in Mildly Affected Patients with Essential Tremor. Cerebellum, 2016, 15, 498-508. | 2.5 | 4 |
| 64 | Cerebellar tDCS Does Not Improve Learning in a Complex Whole Body Dynamic Balance Task in Young Healthy Subjects. PLoS ONE, 2016, 11, e0163598. | 2.5 | 55 |
| 65 | Cerebellar-Dependent Associative Learning Is Preserved in Duchenne Muscular Dystrophy: A Study Using Delay Eyeblink Conditioning. PLoS ONE, 2015, 10, e0126528. | 2.5 | 7 |
| 66 | Dual task effect on postural control in patients with degenerative cerebellar disorders. Cerebellum and Ataxias, 2015, 2, 6. | 1.9 | 20 |
| 67 | Motor learning of cue-dependent pull-force changes during an isometric precision grip task. Human Movement Science, 2015, 39, 138-153. | 1.4 | 2 |
| 68 | Ageing shows a pattern of cerebellar degeneration analogous, but not equal, to that in patients suffering from cerebellar degenerative disease. NeuroImage, 2015, 116, 196-206. | 4.2 | 32 |
| 69 | Sex differences in cerebellar mechanisms involved in pain-related safety learning. Neurobiology of Learning and Memory, 2015, 123, 92-99. | 1.9 | 17 |
| 70 | Structural and functional MRI abnormalities of cerebellar cortex and nuclei in SCA3, SCA6 and Friedreichâ€™s ataxia. Brain, 2015, 138, 1182-1197. | 7.6 | 106 |
| 71 | Recessive mutations in POLR1C cause a leukodystrophy by impairing biogenesis of RNA polymerase III. Nature Communications, 2015, 6, 7623. | 12.8 | 127 |
| 72 | Long-term disease progression in spinocerebellar ataxia types 1, 2, 3, and 6: a longitudinal cohort study. Lancet Neurology, The, 2015, 14, 1101-1108. | 10.2 | 213 |

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|---|---|---|---|
| 73 | Motor protein mutations cause a new form of hereditary spastic paraplegia. Neurology, 2014, 82, 2007-2016. | 1.1 | 56 |
| 74 | Prediction of the age at onset in spinocerebellar ataxia type 1, 2, 3 and 6. Journal of Medical Genetics, 2014, 51, 479-486. | 3.2 | 85 |
| 75 | Modulation of the age at onset in spinocerebellar ataxia by CAG tracts in various genes. Brain, 2014, 137, 2444-2455. | 7.6 | 144 |
| 76 | Subclinical cerebellar dysfunction in patients with migraine: Evidence from eyeblink conditioning. Cephalalgia, 2014, 34, 904-913. | 3.9 | 17 |
| 77 | Acquisition of Conditioned Eyeblink Responses is Modulated by Cerebellar tDCS. Brain Stimulation, 2014, 7, 525-531. | 1.6 | 68 |
| 78 | Brain Changes Associated with Postural Training in Patients with Cerebellar Degeneration: A Voxel-Based Morphometry Study. Journal of Neuroscience, 2013, 33, 4594-4604. | 3.6 | 87 |
| 79 | Gait ataxiaâ€"specific cerebellar influences and their rehabilitation. Movement Disorders, 2013, 28, 1566-1575. | 3.9 | 83 |
| 80 | Effects of cerebellar lesions on working memory interacting with motor tasks of different complexities. Journal of Neurophysiology, 2013, 110, 2337-2349. | 1.8 | 38 |
| 81 | How Consistent are Cognitive Impairments in Patients with Cerebellar Disorders?. Behavioural Neurology, 2010, 23, 81-100. | 2.1 | 44 |
| 82 | How consistent are cognitive impairments in patients with cerebellar disorders?. Behavioural Neurology, 2010, 23, 81-100. | 2.1 | 21 |
| 83 | Kinematics of Arm Joint Rotations in Cerebellar and Unskilled Subjects Associated with the Inability to Throw Fast. Cerebellum, 2008, 7, 366-378. | 2.5 | 18 |
| 84 | Early symptoms in spinocerebellar ataxia type 1, 2, 3, and 6. Movement Disorders, 2008, 23, 2232-2238. | 3.9 | 125 |
| 85 | Benign SCA14 phenotype in a German patient associated with a missense mutation in exon 3 of the PRKCG gene. Movement Disorders, 2007, 22, 2135-2136. | 3.9 | 15 |
| 86 | Cerebellar contributions to cognitive functions: A progress report after two decades of research. Cerebellum, 2007, 6, 159-62. | 2.5 | 225 |