

# Michael Deppe

## List of Publications by Year in descending order

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59  
papers

3,368  
citations

147801

31  
h-index

161849

54  
g-index

63  
all docs

63  
docs citations

63  
times ranked

5352  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoluminescence Line-Shape Analysis of Highly n-Type Doped Zincblende GaN. Physica Status Solidi (B): Basic Research, 2020, 257, 1900522.	1.5	4
2	Longitudinal optic neuritis-unrelated visual evoked potential changes in NMO spectrum disorders. Neurology, 2020, 94, e407-e418.	1.1	36
3	Widespread white matter microstructural abnormalities in bipolar disorder: evidence from mega- and meta-analyses across 3033 individuals. Neuropsychopharmacology, 2019, 44, 2285-2293.	5.4	147
4	Influence of the free-electron concentration on the optical properties of zincblende GaN up to $10^{24}$ cm <sup>-3</sup> . Physical Review Materials, 2019, 3, .	2.4	5
5	Non-lesional cerebellar damage in patients with clinically isolated syndrome: DTI measures predict early conversion into clinically definite multiple sclerosis. NeuroImage: Clinical, 2018, 19, 633-639.	2.7	9
6	A voxel-based diffusion tensor imaging study in unipolar and bipolar depression. Bipolar Disorders, 2017, 19, 23-31.	1.9	60
7	Incorporation of germanium for n-type doping of cubic GaN. Physica Status Solidi (B): Basic Research, 2017, 254, 1600700.	1.5	7
8	Neurochondrin is a neuronal target antigen in autoimmune cerebellar degeneration. Neurology: Neuroimmunology and NeuroInflammation, 2017, 4, e307.	6.0	39
9	Early silent microstructural degeneration and atrophy of the thalamocortical network in multiple sclerosis. Human Brain Mapping, 2016, 37, 1866-1879.	3.6	55
10	Evidence for early, non-lesional cerebellar damage in patients with multiple sclerosis: DTI measures correlate with disability, atrophy, and disease duration. Multiple Sclerosis Journal, 2016, 22, 73-84.	3.0	43
11	Deficits in tongue motor control are linked to microstructural brain damage in multiple sclerosis: a pilot study. BMC Neurology, 2015, 15, 190.	1.8	4
12	FDG PET Fails to Detect a Disease-Specific Phenotype in Rats Transgenic for Huntington's Disease - A 15 Months Follow-up Study. Journal of Huntington's Disease, 2015, 4, 37-47.	1.9	2
13	Early and Degressive Putamen Atrophy in Multiple Sclerosis. International Journal of Molecular Sciences, 2015, 16, 23195-23209.	4.1	26
14	A human post-mortem brain model for the standardization of multi-centre MRI studies. NeuroImage, 2015, 110, 11-21.	4.2	30
15	Recovery of thalamic microstructural damage after Shiga toxin 2-associated hemolytic-uremic syndrome. Journal of the Neurological Sciences, 2015, 356, 175-183.	0.6	12
16	Clinical relevance of specific T-cell activation in the blood and cerebrospinal fluid of patients with mild Alzheimer's disease. Neurobiology of Aging, 2015, 36, 81-89.	3.1	141
17	In vivo mapping of hippocampal subfields in mesial temporal lobe epilepsy: Relation to histopathology. Human Brain Mapping, 2014, 35, 4718-4728.	3.6	69
18	Increased cortical curvature reflects white matter atrophy in individual patients with early multiple sclerosis. NeuroImage: Clinical, 2014, 6, 475-487.	2.7	38

#	ARTICLE	IF	CITATIONS
19	Early Detection of Widespread Progressive Brain Injury after Cardiac Arrest: A Single Case DTI and Post-Mortem Histology Study. <i>PLoS ONE</i> , 2014, 9, e92103.	2.5	10
20	Cortical plasticity is preserved in nondemented older individuals with severe ischemic small vessel disease. <i>Human Brain Mapping</i> , 2013, 34, 1464-1476.	3.6	27
21	Executive performance is related to regional gray matter volume in healthy older individuals. <i>Human Brain Mapping</i> , 2013, 34, 3333-3346.	3.6	38
22	Voxel-Based Statistical Analysis of Fractional Anisotropy and Mean Diffusivity in Patients with Unilateral Temporal Lobe Epilepsy of Unknown Cause. <i>Journal of Neuroimaging</i> , 2013, 23, 352-359.	2.0	31
23	DTI detects water diffusion abnormalities in the thalamus that correlate with an extremity pain episode in a patient with multiple sclerosis. <i>NeuroImage: Clinical</i> , 2013, 2, 258-262.	2.7	31
24	Brainstem Involvement as a Cause of Central Sleep Apnea: Pattern of Microstructural Cerebral Damage in Patients with Cerebral Microangiopathy. <i>PLoS ONE</i> , 2013, 8, e60304.	2.5	33
25	Methodological Aspects of Functional Transcranial Doppler Sonography and Recommendations for Simultaneous EEG Recording. <i>Ultrasound in Medicine and Biology</i> , 2012, 38, 989-996.	1.5	14
26	Progression of microstructural putamen alterations in a case of symptomatic recurrent seizures using diffusion tensor imaging. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2012, 21, 478-481.	2.0	12
27	Early microstructural white matter changes in patients with HIV: A diffusion tensor imaging study. <i>BMC Neurology</i> , 2012, 12, 23.	1.8	51
28	Volume Estimation of the Thalamus Using Freesurfer and Stereology: Consistency between Methods. <i>Neuroinformatics</i> , 2012, 10, 341-350.	2.8	77
29	Concomitant Fractional Anisotropy and Volumetric Abnormalities in Temporal Lobe Epilepsy: Cross-Sectional Evidence for Progressive Neurologic Injury. <i>PLoS ONE</i> , 2012, 7, e46791.	2.5	91
30	Variability and asymmetry of the sulcal contours defining Broca's area homologue in the chimpanzee brain. <i>Journal of Comparative Neurology</i> , 2012, 520, 1165-1180.	1.6	24
31	The Influence of Spatial Registration on Detection of Cerebral Asymmetries Using Voxel-Based Statistics of Fractional Anisotropy Images and TBSS. <i>PLoS ONE</i> , 2012, 7, e36851.	2.5	36
32	Can the Language-dominant Hemisphere Be Predicted by Brain Anatomy?. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2013-2029.	2.3	61
33	G-CSF Prevents the Progression of Structural Disintegration of White Matter Tracts in Amyotrophic Lateral Sclerosis: A Pilot Trial. <i>PLoS ONE</i> , 2011, 6, e17770.	2.5	39
34	Microstructural and volumetric abnormalities of the putamen in juvenile myoclonic epilepsy. <i>Epilepsia</i> , 2011, 52, 1715-1724.	5.1	76
35	Enhanced Rapid-Onset Cortical Plasticity in CADASIL as a Possible Mechanism of Preserved Cognition. <i>Cerebral Cortex</i> , 2011, 21, 2774-2787.	2.9	30
36	Short-Term Anomia Training and Electrical Brain Stimulation. <i>Stroke</i> , 2011, 42, 2065-2067.	2.0	161

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37	Correcting eddy current and motion effects by affine whole-brain registrations: Evaluation of three-dimensional distortions and comparison with slicewise correction. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 1047-1056.	3.0	129
38	Structural Correlates of Functional Language Dominance: A Voxel-Based Morphometry Study. <i>Journal of Neuroimaging</i> , 2010, 20, 148-156.	2.0	14
39	Individual white matter fractional anisotropy analysis on patients with MRI negative partial epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010, 81, 136-139.	1.9	18
40	Integrity of the hippocampus and surrounding white matter is correlated with language training success in aphasia. <i>NeuroImage</i> , 2010, 53, 283-290.	4.2	93
41	Excessive Daytime Sleepiness Is a Common Symptom in Fabry Disease. <i>Case Reports in Neurology</i> , 2009, 1, 33-40.	0.7	21
42	Imaging short- and long-term training success in chronic aphasia. <i>BMC Neuroscience</i> , 2009, 10, 118.	1.9	107
43	Gelastic seizures: A case of lateral frontal lobe epilepsy and review of the literature. <i>Epilepsy and Behavior</i> , 2009, 15, 249-253.	1.7	35
44	How choice ambiguity modulates activity in brain areas representing brand preference: evidence from consumer neuroscience. <i>Journal of Consumer Behaviour</i> , 2008, 7, 360-367.	4.2	38
45	Transient lesion in the splenium related to antiepileptic drug: Case report and new pathophysiological insights. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2008, 17, 654-657.	2.0	25
46	Diffusion-Tensor Imaging at 3 T. <i>Investigative Radiology</i> , 2007, 42, 338-345.	6.2	49
47	Anterior cingulate reflects susceptibility to framing during attractiveness evaluation. <i>NeuroReport</i> , 2007, 18, 1119-1123.	1.2	59
48	The association between scalp hair-whorl direction, handedness and hemispheric language dominance. <i>NeuroImage</i> , 2007, 35, 853-861.	4.2	38
49	Atypical Hemispheric Dominance for Attention: Functional MRI Topography. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 1197-1208.	4.3	24
50	Nonlinear Responses Within the Medial Prefrontal Cortex Reveal When Specific Implicit Information Influences Economic Decision Making. , 2005, 15, 171-182.		189
51	Crossed cerebro-cerebellar language dominance. <i>Human Brain Mapping</i> , 2005, 24, 165-172.	3.6	149
52	Hippocampus activity differentiates good from poor learners of a novel lexicon. <i>NeuroImage</i> , 2005, 25, 958-968.	4.2	287
53	Nonlinear Responses Within the Medial Prefrontal Cortex Reveal When Specific Implicit Information Influences Economic Decision Making. , 2005, 15, 171-182.		112
54	Task Repetition Can Affect Functional Magnetic Resonance Imaging-Based Measures of Language Lateralization and Lead to Pseudoincreases in Bilaterality. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2004, 24, 179-187.	4.3	28

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55	Determining the hemispheric dominance of spatial attention: A comparison between fTCD and fMRI. <i>Human Brain Mapping</i> , 2004, 23, 168-180.	3.6	43
56	The investigation of functional brain lateralization by transcranial Doppler sonography. <i>NeuroImage</i> , 2004, 21, 1124-1146.	4.2	133
57	Assessment of Hemispheric Language Lateralization: A Comparison between fMRI and fTCD. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000, 20, 263-268.	4.3	142
58	Cortical tuning. <i>NeuroReport</i> , 1999, 10, 293-296.	1.2	18
59	Cerebral hemodynamics during electrically induced seizures. <i>NeuroReport</i> , 1998, 9, 407-410.	1.2	28