Viktor Wottschel

List of Publications by Year
in descending order

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Version: 2024-02-01

33	1,037	623734 14	580821 25
papers	citations	h-index	g-index

34	34	34	1871
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Progression of regional grey matter atrophy in multiple sclerosis. Brain, 2018, 141, 1665-1677.	7.6	269
2	Image quality transfer and applications in diffusion MRI. NeuroImage, 2017, 152, 283-298.	4.2	91
3	ExploreASL: An image processing pipeline for multi-center ASL perfusion MRI studies. NeuroImage, 2020, 219, 117031.	4.2	80
4	MRI predictors of amyloid pathology: results from the EMIF-AD Multimodal Biomarker Discovery study. Alzheimer's Research and Therapy, 2018, 10, 100.	6.2	64
5	Gray matter MRI differentiates neuromyelitis optica from multiple sclerosis using random forest. Neurology, 2016, 87, 2463-2470.	1.1	63
6	Predicting outcome in clinically isolated syndrome using machine learning. NeuroImage: Clinical, 2015, 7, 281-287.	2.7	61
7	Multitracer model for staging cortical amyloid deposition using PET imaging. Neurology, 2020, 95, e1538-e1553.	1.1	55
8	Application of the ATN classification scheme in a population without dementia: Findings from the EPAD cohort. Alzheimer's and Dementia, 2021, 17, 1189-1204.	0.8	44
9	Multi-study validation of data-driven disease progression models to characterize evolution of biomarkers in Alzheimer's disease. NeuroImage: Clinical, 2019, 24, 101954.	2.7	42
10	SVM recursive feature elimination analyses of structural brain MRI predicts near-term relapses in patients with clinically isolated syndromes suggestive of multiple sclerosis. NeuroImage: Clinical, 2019, 24, 102011.	2.7	42
11	Spatial-Temporal Patterns of Î²-Amyloid Accumulation. Neurology, 2022, 98, .	1.1	40
12	Localization of the Epileptogenic Zone Using Interictal MEG and Machine Learning in a Large Cohort of Drug-Resistant Epilepsy Patients. Frontiers in Neurology, 2018, 9, 647.	2.4	39
13	MRI-based prediction of conversion from clinically isolated syndrome to clinically definite multiple sclerosis using SVM and lesion geometry. Brain Imaging and Behavior, 2019, 13, 1361-1374.	2.1	27
14	The sequence of structural, functional and cognitive changes in multiple sclerosis. NeuroImage: Clinical, 2021, 29, 102550.	2.7	21
15	White matter microstructure disruption in early stage amyloid pathology. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12124.	2.4	16
16	The relation between APOE genotype and cerebral microbleeds in cognitively unimpaired middle- and old-aged individuals. Neurobiology of Aging, 2020, 95, 104-114.	3.1	15
17	Reduced accuracy of MRI deep grey matter segmentation in multiple sclerosis: an evaluation of four automated methods against manual reference segmentations in a multi-center cohort. Journal of Neurology, 2020, 267, 3541-3554.	3.6	14
18	Amyloid-driven disruption of default mode network connectivity in cognitively healthy individuals. Brain Communications, 2021, 3, fcab201.	3.3	14

#	Article	IF	Citations
19	Genetically identical twins show comparable tau PET load and spatial distribution. Brain, 2022, 145, 3571-3581.	7.6	12
20	Opportunities for Understanding MS Mechanisms and Progression With MRI Using Large-Scale Data Sharing and Artificial Intelligence. Neurology, 2021, 97, 989-999.	1.1	10
21	The Open-Access European Prevention of Alzheimerâ€™s Dementia (EPAD) MRI dataset and processing workflow. NeuroImage: Clinical, 2022, 35, 103106.	2.7	9
22	Prediction of Second Neurological Attack in Patients with Clinically Isolated Syndrome Using Support Vector Machines. , 2013, , .		2
23	Dataâ€driven evidence for three distinct patterns of amyloidâ€Î² accumulation. Alzheimer's and Dementia, 2021, 17, .	0.8	2
24	P1â€009: A Dataâ€Driven Comparison of the Progression of Brain Atrophy in Posterior Cortical Atrophy and Alzheimer's Disease. Alzheimer's and Dementia, 2016, 12, P401.	0.8	1
25	ICâ€Pâ€182: EVENTâ€BASED MODELING OF THE TEMPORAL ORDERING OF REGIONAL Î²â€AMYLOID DEPOSITION IN THE BRAIN. Alzheimer's and Dementia, 2018, 14, P152.	0.8	1
26	P2â€445: EVENTâ€BASED MODELING OF THE TEMPORAL ORDERING OF REGIONAL Î²â€AMYLOID DEPOSITION IN THE BRAIN. Alzheimer's and Dementia, 2018, 14, P887.	0.8	1
27	[P1â€“392]: AUTOMATED SELECTION OF MULTIMODAL MRI BIOMARKERS FOR DIAGNOSIS OF DEMENTIA. Alzheimer's and Dementia, 2017, 13, P417.	0.8	0
28	P2â€458: PREDICTING COGNITIVE DECLINE THROUGH STRUCTURAL MRI BIOMARKERS: RESULTS FROM THE EMIFâ€AD BIOMARKER DISCOVERY STUDY. Alzheimer's and Dementia, 2018, 14, P895.	0.8	0
29	Operationalization of the ATN classification scheme in preclinical AD: Findings from EPAD V500.0 data release. Alzheimer's and Dementia, 2020, 16, e037912.	0.8	0
30	ExploreQC: A toolbox for MRI quality control in the EPAD multicentre study. Alzheimer's and Dementia, 2020, 16, e041952.	0.8	0
31	Amyloidâ€dependent association of grey matter network disruptions with phosphoâ€tau in preclinical Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e044739.	0.8	0
32	Neuroimagingâ€derived phenotypes in the European Prevention of Alzheimer Dementia (EPAD) Cohort Study. Alzheimer's and Dementia, 2021, 17, .	0.8	0
33	Differential gray matter connectivity correlates of CSF biomarkers: Results from the EPAD Cohort. Alzheimer's and Dementia, 2021, 17, .	0.8	0