Alle Meije Wink

List of Publications by Year
in descending order

90 papers	4,013 citations	126907 33 h-index	138484 58 g-index
101 all docs	101 docs citations	101 times ranked	6335 citing authors

#	Article	IF	Citations
1	Alzheimer's disease: connecting findings from graph theoretical studies of brain networks. Neurobiology of Aging, 2013, 34, 2023-2036.	3.1	355
2	Resting-state fMRI changes in Alzheimer's disease and mild cognitive impairment. Neurobiology of Aging, 2012, 33, 2018-2028.	3.1	337
3	Cortical atrophy patterns in multiple sclerosis are non-random and clinically relevant. Brain, 2016, 139, 115-126.	7.6	223
4	Cerebral Blood Flow Measured with 3D Pseudocontinuous Arterial Spin-labeling MR Imaging in Alzheimer Disease and Mild Cognitive Impairment: A Marker for Disease Severity. Radiology, 2013, 267, 221-230.	7.3	206
5	Denoising Functional MR Images: A Comparison of Wavelet Denoising and Gaussian Smoothing. IEEE Transactions on Medical Imaging, 2004, 23, 374-387.	8.9	204
6	Thalamus structure and function determine severity of cognitive impairment in multiple sclerosis. Neurology, 2015, 84, 776-783.	1.1	180
7	Restingâ€state networks in awake fiveâ€to eightâ€year old children. Human Brain Mapping, 2012, 33, 1189-1201	3.6	131
8	Monofractal and multifractal dynamics of low frequency endogenous brain oscillations in functional MRI. Human Brain Mapping, 2008, 29, 791-801.	3.6	127
9	Brain network alterations in Alzheimer's disease measured by Eigenvector centrality in fMRI are related to cognition and CSF biomarkers. Human Brain Mapping, 2014, 35, 2383-2393.	3.6	108
10	Single-Subject Grey Matter Graphs in Alzheimer's Disease. PLoS ONE, 2013, 8, e58921.	2.5	107
11	Fast Eigenvector Centrality Mapping of Voxel-Wise Connectivity in Functional Magnetic Resonance Imaging: Implementation, Validation, and Interpretation. Brain Connectivity, 2012, 2, 265-274.	1.7	105
12	Age and cholinergic effects on hemodynamics and functional coherence of human hippocampus. Neurobiology of Aging, 2006, 27, 1395-1404.	3.1	104
13	A Review of Wavelet Denoising in MRI and Ultrasound Brain Imaging. Current Medical Imaging, 2006, 2, 247-260.	0.8	100
14	Endogenous multifractal brain dynamics are modulated by age, cholinergic blockade and cognitive performance. Journal of Neuroscience Methods, 2008, 174, 292-300.	2.5	96
15	Longitudinal Changes in Total Brain Volume in Schizophrenia: Relation to Symptom Severity, Cognition and Antipsychotic Medication. PLoS ONE, 2014, 9, e101689.	2.5	92
16	Increased default-mode network centrality in cognitively impaired multiple sclerosis patients. Neurology, 2017, 88, 952-960.	1.1	91
17	Cognitive reserve and clinical progression in Alzheimer disease. Neurology, 2019, 93, e334-e346.	1.1	85
18	Safety, tolerability and efficacy of the glutaminyl cyclase inhibitor PQ912 in Alzheimerâ€™s disease: results of a randomized, double-blind, placebo-controlled phase 2a study. Alzheimer's Research and Therapy, 2018, 10, 107.	6.2	80

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19	ExploreASL: An image processing pipeline for multi-center ASL perfusion MRI studies. NeuroImage, 2020, 219, 117031.	4.2	80
20	Alzheimer Disease and Behavioral Variant Frontotemporal Dementia: Automatic Classification Based on Cortical Atrophy for Single-Subject Diagnosis. Radiology, 2016, 279, 838-848.	7.3	79
21	Changes in functional network centrality underlie cognitive dysfunction and physical disability in multiple sclerosis. Multiple Sclerosis Journal, 2014, 20, 1058-1065.	3.0	69
22	A neuroimaging approach to capture cognitive reserve: Application to Alzheimer's disease. Human Brain Mapping, 2017, 38, 4703-4715.	3.6	59
23	Application of Machine Learning to Arterial Spin Labeling in Mild Cognitive Impairment and Alzheimer Disease. Radiology, 2016, 281, 865-875.	7.3	58
24	Widespread Disruption of Functional Brain Organization in Early-Onset Alzheimerâ€™s Disease. PLoS ONE, 2014, 9, e102995.	2.5	56
25	Multitracer model for staging cortical amyloid deposition using PET imaging. Neurology, 2020, 95, e1538-e1553.	1.1	55
26	Gray matter network disruptions and amyloid beta in cognitively normal adults. Neurobiology of Aging, 2016, 37, 154-160.	3.1	51
27	Reduced Network Dynamics on Functional MRI Signals Cognitive Impairment in Multiple Sclerosis. Radiology, 2019, 292, 449-457.	7.3	51
28	Assessing Amyloid Pathology in Cognitively Normal Subjects Using ¹⁸F-Flutemetamol PET: Comparing Visual Reads and Quantitative Methods. Journal of Nuclear Medicine, 2019, 60, 541-547.	5.0	47
29	Mind the gap: from neurons to networks to outcomes in multiple sclerosis. Nature Reviews Neurology, 2021, 17, 173-184.	10.1	46
30	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
31	An exploratory clinical study of p38Î± kinase inhibition in Alzheimer's disease. Annals of Clinical and Translational Neurology, 2018, 5, 464-473.	3.7	43
32	Spatial-Temporal Patterns of Î²-Amyloid Accumulation. Neurology, 2022, 98, .	1.1	40
33	Amyloid and its association with default network integrity in Alzheimer's disease. Human Brain Mapping, 2014, 35, 779-791.	3.6	37
34	Impact of APOE-É›4 and family history of dementia on gray matter atrophy in cognitively healthy middle-aged adults. Neurobiology of Aging, 2016, 38, 14-20.	3.1	37
35	Executive Functions and Prefrontal Cortex: A Matter of Persistence?. Frontiers in Systems Neuroscience, 2011, 5, 3.	2.5	36
36	Altered eigenvector centrality is related to local restingâ€state network functional connectivity in patients with longstanding type 1 diabetes mellitus. Human Brain Mapping, 2017, 38, 3623-3636.	3.6	33

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37	Single Subject Classification of Alzheimerâ€™s Disease and Behavioral Variant Frontotemporal Dementia Using Anatomical, Diffusion Tensor, and Resting-State Functional Magnetic Resonance Imaging. Journal of Alzheimer's Disease, 2018, 62, 1827-1839.	2.6	33
38	BOLD Noise Assumptions in fMRI. International Journal of Biomedical Imaging, 2006, 2006, 1-11.	3.9	31
39	Permutation testing of orthogonal factorial effects in a language-processing experiment using fMRI. Human Brain Mapping, 2006, 27, 425-433.	3.6	31
40	Quantitative amyloid PET in Alzheimer's disease: the AMYPAD prognostic and natural history study. Alzheimer's and Dementia, 2020, 16, 750-758.	0.8	29
41	Visual assessment of [18F]flutemetamol PET images can detect early amyloid pathology and grade its extent. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 2169-2182.	6.4	24
42	The sequence of structural, functional and cognitive changes in multiple sclerosis. NeuroImage: Clinical, 2021, 29, 102550.	2.7	21
43	Eigenvector Centrality Dynamics From Resting-State fMRI: Gender and Age Differences in Healthy Subjects. Frontiers in Neuroscience, 2019, 13, 648.	2.8	19
44	Longitudinal Network Changes and Conversion to Cognitive Impairment in Multiple Sclerosis. Neurology, 2021, 97, e794-e802.	1.1	19
45	The Association of Glucose Metabolism and Eigenvector Centrality in Alzheimer's Disease. Brain Connectivity, 2016, 6, 1-8.	1.7	18
46	Functional brain network centrality is related to APOE genotype in cognitively normal elderly. Brain and Behavior, 2018, 8, e01080.	2.2	18
47	Data-driven haemodynamic response function extraction using Fourier-wavelet regularised deconvolution. BMC Medical Imaging, 2008, 8, 7.	2.7	17
48	White matter microstructure disruption in early stage amyloid pathology. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12124.	2.4	16
49	Amyloid-driven disruption of default mode network connectivity in cognitively healthy individuals. Brain Communications, 2021, 3, fcab201.	3.3	14
50	Polyphase decompositions and shift-invariant discrete wavelet transforms in the frequency domain. Signal Processing, 2010, 90, 1779-1787.	3.7	10
51	Regional associations of white matter hyperintensities and early cortical amyloid pathology. Brain Communications, 2022, 4, .	3.3	9
52	The Open-Access European Prevention of Alzheimerâ€™s Dementia (EPAD) MRI dataset and processing workflow. NeuroImage: Clinical, 2022, 35, 103106.	2.7	9
53	Regional amyloid accumulation predicts memory decline in initially cognitively unimpaired individuals. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12216.	2.4	7
54	Functional Network Dynamics on Functional MRI: A Primer on an Emerging Frontier in Neuroscience. Radiology, 2019, 292, 460-463.	7.3	4

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55	CamBAfx: Workflow design, implementation and application for neuroimaging. Frontiers in Neuroinformatics, 2009, 3, 27.	2.5	3
56	The effect of image enhancement on the statistical analysis of functional neuroimages: wavelet-based denoising and Gaussian smoothing. , 2003, , .		2
57	ICâ€Pâ€192: DISEASEâ€STAGE SPECIFIC RELATIONSHIP BETWEEN COGNITIVE RESERVE AND CLINICAL PROGRESSION IN ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P158.	0.8	2
58	Dataâ€driven evidence for three distinct patterns of amyloidâ€Î² accumulation. Alzheimer's and Dementia, 2021, 17, .	0.8	2
59	Modulation of the fractal properties of low frequency endogenous brain oscillations in functional MRI by a working memory task.. , 2008, , .		0
60	P1-233: MULTIMODAL BRAIN NETWORK ALTERATIONS IN ALZHEIMER'S DISEASE AND MILD COGNITIVE IMPAIRMENT PATIENTS. , 2014, 10, P389-P390.		0
61	IC-P-124: Classification of resting-state cerebral perfusion maps from patients with Alzheimer's disease and patients with frontotemporal dementia. , 2015, 11, P85-P85.		0
62	IC-04-03: Grey matter network disruptions are related to amyloid-beta in cognitively healthy elderly. , 2015, 11, P11-P11.		0
63	IC-P-108: Impact of ApoE-Æ4 and family history of dementia on gray matter atrophy in cognitively healthy middle-aged adults. , 2015, 11, P73-P73.		0
64	O2-09-01: Impact of ApoE-É›4 and family history of dementia on gray matter atrophy in cognitively healthy middle-aged adults. , 2015, 11, P194-P194.		0
65	P1-327: Cross-Sectional Modeling of Regional Perfusion and Gray Matter Volume in Alzheimer's Disease. , 2016, 12, P552-P553.		0
66	ICâ€Pâ€097: A Novel Neuroimaging Approach to Capture Cognitive Reserve. Alzheimer's and Dementia, 2016, 12, P74.	0.8	0
67	ICâ€Pâ€106: Crossâ€Sectional Modeling of Regional Perfusion and Gray Matter Volume in Alzheimer's Disease. Alzheimer's and Dementia, 2016, 12, P80.	0.8	0
68	P4â€191: A Novel Neuroimaging Approach to Capture Cognitive Reserve. Alzheimer's and Dementia, 2016, 12, P1095.	0.8	0
69	[ICâ€Pâ€130]: MRIâ€BASED CLASSIFICATION ACCURACY OF DEMENTIA TYPE IS DETERMINED BY MRI MODALITY. Alzheimer's and Dementia, 2017, 13, P98.	0.8	0
70	[P1â€“392]: AUTOMATED SELECTION OF MULTIMODAL MRI BIOMARKERS FOR DIAGNOSIS OF DEMENTIA. Alzheimer's and Dementia, 2017, 13, P417.	0.8	0
71	[ICâ€Pâ€106]: PREDICTING PROGRESSION IN PREâ€DEMENTIA STAGES OF ALZHEIMER's DISEASE WITH A NEUROIMAGING MEASURE OF COGNITIVE RESERVE. Alzheimer's and Dementia, 2017, 13, P81.	0.8	0
72	[O2â€“11â€“03]: PREDICTING PROGRESSION IN PREâ€DEMENTIA STAGES OF ALZHEIMER's DISEASE WITH A NEUROIMAGING MEASURE OF COGNITIVE RESERVE. Alzheimer's and Dementia, 2017, 13, P581.	0.8	0

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73	P3â€342: INFLUENCE OF NETWORK CONSTRUCTION METHODS ON PATH LENGTH VALUES IN ALZHEIMER'S DISEASE: A MULTIâ€STUDY ANALYSIS OF MRI CONNECTIVITY STUDIES. Alzheimer's and Dementia, 2018, 14, P1214.	0.8	0
74	ICâ€Pâ€032: INFLUENCE OF NETWORK CONSTRUCTION METHODS ON PATH LENGTH VALUES IN ALZHEIMER'S DISEASE: A MULTIâ€STUDY ANALYSIS OF MRI CONNECTIVITY STUDIES. Alzheimer's and Dementia, 2018, 14, P36.	0.8	0
75	F5â€05â€04: THE USE OF RESIDUAL METHODS TO CAPTURE COGNITIVE RESERVE AND STUDY CLINICAL PROGRESSION IN ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P1633.	0.8	0
76	P1â€467: DISEASEâ€STAGEâ€“SPECIFIC RELATIONSHIP BETWEEN COGNITIVE RESERVE AND CLINICAL PROGRESSION IN ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P500.	0.8	0
77	O2â€09â€05: EXTENSION AND VALIDATION OF AN AMYLOID STAGING MODEL: ASSOCIATIONS WITH CLINICAL MEASURES. Alzheimer's and Dementia, 2018, 14, P643.	0.8	0
78	ICâ€Pâ€005: ASSESSMENT OF EARLY AMYLOID PATHOLOGY USING [¹⁸F]FLUTEMETAMOL POSITRON EMISSION TOMOGRAPHY: COMPARING VISUAL READ, SEMIâ€QUANTITATIVE AND QUANTITATIVE METHODS. Alzheimer's and Dementia, 2018, 14, P16.	0.8	0
79	P3â€355: ASSESSMENT OF EARLY AMYLOID PATHOLOGY USING [¹⁸F]FLUTEMETAMOL POSITRON EMISSION TOMOGRAPHY: COMPARING VISUAL READ, SEMIâ€QUANTITATIVE AND QUANTITATIVE METHODS. Alzheimer's and Dementia, 2018, 14, P1221.	0.8	0
80	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
81	ExploreQC: A toolbox for MRI quality control in the EPAD multicentre study. Alzheimer's and Dementia, 2020, 16, e041952.	0.8	0
82	Examining centiloid quantification against visual assessment using [18F]flutemetamol PET. Alzheimer's and Dementia, 2020, 16, e042653.	0.8	0
83	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
84	Aripiprazole and sulpiride have differenzial effects on working memory performance and brain activity in patients with schizophrenia and healthy controls. Pharmacopsychiatry, 2009, 42, .	3.3	0
85	White matter integrity disruption in early amyloid accumulators. Alzheimer's and Dementia, 2020, 16, e043021.	0.8	0
86	Prediction of amyloid pathology in cognitively unimpaired individuals using structural MRI. Alzheimer's and Dementia, 2021, 17, .	0.8	0
87	Automatic brain extraction using deep learning. Alzheimer's and Dementia, 2021, 17, .	0.8	0
88	Regional amyloid accumulation predicts memory decline in initially cognitively unimpaired individuals. Alzheimer's and Dementia, 2021, 17, .	0.8	0
89	Neuroimagingâ€derived phenotypes in the European Prevention of Alzheimer Dementia (EPAD) Cohort Study. Alzheimer's and Dementia, 2021, 17, .	0.8	0
90	Differential gray matter connectivity correlates of CSF biomarkers: Results from the EPAD Cohort. Alzheimer's and Dementia, 2021, 17, .	0.8	0