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New MRI markers for Alzheimer's disease: a meta-analysis of diffusion tensor imaging and a comparison with medial temporal lobe measurements

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121	The neurobiology of Alzheimer disease defined by neuroimaging. 2012 , 25, 410-20		28
120	De meerwaarde van diffusie gewogen beeldvorming bij de vroegdiagnostiek van de ziekte van Alzheimer. 2012 , 16, 143-148		
119	Alzheimer's Disease Disrupts Rich Club Organization in Brain Connectivity Networks. 2013 , 266-269		31
118	Breakdown of brain connectivity between normal aging and Alzheimer's disease: a structural k-core network analysis. 2013 , 3, 407-22		128
117	Magnetic resonance imaging for diagnosis of early Alzheimer's disease. 2013 , 169, 724-8		1
116	Novel white matter tract integrity metrics sensitive to Alzheimer disease progression. 2013 , 34, 2105-12		98
115	Role of emerging neuroimaging modalities in patients with cognitive impairment: a review from the Canadian Consensus Conference on the Diagnosis and Treatment of Dementia 2012. 2013 , 5, S4		14
114	Effectiveness of regional DTI measures in distinguishing Alzheimer's disease, MCI, and normal aging. 2013 , 3, 180-95		192
113	Multi-site genetic analysis of diffusion images and voxelwise heritability analysis: a pilot project of the ENIGMA-DTI working group. 2013 , 81, 455-469		278
112	Risk and resilience: A new perspective on Alzheimer's disease. 2013 , 1, 47-55		2
111	White matter abnormalities associated with Alzheimer's disease and mild cognitive impairment: a critical review of MRI studies. 2013 , 13, 483-93		51
110	In vivo diffusion tensor imaging of amyloid- β -induced white matter damage in mice. <i>Journal of Alzheimer's Disease</i> , 2014 , 38, 93-101	4.3	18
109	White matter abnormalities and structural hippocampal disconnections in amnesic mild cognitive impairment and Alzheimer's disease. <i>PLoS ONE</i> , 2013 , 8, e74776	3.7	23
108	Responsiveness of magnetic resonance imaging and neuropsychological assessment in memory clinic patients. <i>Journal of Alzheimer's Disease</i> , 2014 , 40, 409-18	4.3	14
107	Advances in MRI biomarkers for the diagnosis of Alzheimer's disease. 2014 , 8, 1151-69		33
106	Axonal tract tracing for delineating interacting brain regions: implications for Alzheimer's disease-associated memory. 2014 , 9, 89-98		2
105	Using the raw diffusion MRI signal and the von Mises-Fisher distribution for classification of Alzheimer's disease. 2014 ,		2

104	The role of diffusion tensor imaging in detecting microstructural changes in prodromal Alzheimer's disease. <i>CNS Neuroscience and Therapeutics</i> , 2014 , 20, 3-9	6.8	38
103	Destruction of white matter integrity in patients with mild cognitive impairment and Alzheimer disease. 2014 , 62, 927-33		13
102	Disorder-specific white matter alterations in adolescent borderline personality disorder. 2014 , 75, 81-8		46
101	Diffusion tensor imaging in Alzheimer's disease and affective disorders. 2014 , 264, 467-83		18
100	Voxel-wise co-analysis of macro- and microstructural brain alteration in mild cognitive impairment and Alzheimer's disease using anatomical and diffusion MRI. 2014 , 24, 435-43		4
99	Functional and Structural MRI in Alzheimer's Disease: A Multimodal Approach. 2014 , 371-422		
98	MRI in Psychiatry. 2014 ,		2
97	Multi-site study of additive genetic effects on fractional anisotropy of cerebral white matter: Comparing meta and meta-analytical approaches for data pooling. 2014 , 95, 136-50		95
96	Perspective on future role of biological markers in clinical therapy trials of Alzheimer's disease: a long-range point of view beyond 2020. 2014 , 88, 426-49		84
95	Acute stroke syndromes caused by small vessel disease. 217-235		
94	Interaction between cerebral small vessel disease and neurodegenerative changes. 298-310		
93	Basal Forebrain and Hippocampus as Predictors of Conversion to Alzheimer's Disease in Patients with Mild Cognitive Impairment - A Multicenter DTI and Volumetry Study. <i>Journal of Alzheimer's Disease</i> , 2015 , 48, 197-204	4.3	41
92	Diffusion Kurtosis Imaging: A Possible MRI Biomarker for AD Diagnosis?. <i>Journal of Alzheimer's Disease</i> , 2015 , 48, 937-48	4.3	35
91	Rich club analysis in the Alzheimer's disease connectome reveals a relatively undisturbed structural core network. 2015 , 36, 3087-103		88
90	Can multi-modal neuroimaging evidence from hippocampus provide biomarkers for the progression of amnesic mild cognitive impairment?. 2015 , 31, 128-40		27
89	Diffusion weighted imaging-based maximum density path analysis and classification of Alzheimer's disease. 2015 , 36 Suppl 1, S132-40		48
88	Mediterranean diet and preserved brain structural connectivity in older subjects. 2015 , 11, 1023-31		74
87	Simultaneous changes in gray matter volume and white matter fractional anisotropy in Alzheimer's disease revealed by multimodal CCA and joint ICA. 2015 , 301, 553-62		16

86	Detection of early changes in the parahippocampal and posterior cingulum bundles during mild cognitive impairment by using high-resolution multi-parametric diffusion tensor imaging. 2015 , 231, 346-52	20
85	Cooccurrence of vascular risk factors and late-life white-matter integrity changes. 2015 , 36, 1670-1677	20
84	Heritability of fractional anisotropy in human white matter: a comparison of Human Connectome Project and ENIGMA-DTI data. 2015 , 111, 300-11	159
83	Multimodal imaging in Alzheimer's disease: validity and usefulness for early detection. 2015 , 14, 1037-53	172
82	FDG-PET Contributions to the Pathophysiology of Memory Impairment. 2015 , 25, 326-55	17
81	Effects of low-level sarin and cyclosarin exposure on white matter integrity in Gulf War Veterans. 2015 , 48, 239-48	26
80	Modulation of effective connectivity in the default mode network at rest and during a memory task. 2015 , 5, 60-7	7
79	Risk Assessment of Alzheimer's Disease using the Information Diffusion Model from Structural Magnetic Resonance Imaging. <i>Journal of Alzheimers Disease</i> , 2016 , 52, 1335-42	4-3 5
78	Magnetic Resonance Imaging to Detect Early Molecular and Cellular Changes in Alzheimer's Disease. 2016 , 8, 139	23
77	Diffusion tensor imaging and functional MRI. 2016 , 136, 1065-87	16
76	On the early diagnosis of Alzheimer's Disease from multimodal signals: A survey. 2016 , 71, 1-29	76
75	Quantitative T2 mapping of white matter: applications for ageing and cognitive decline. 2016 , 61, 5587-605	23
74	Clinical PET/MR Imaging in Dementia and Neuro-Oncology. 2016 , 11, 441-52	20
73	Genetic and degenerative disorders primarily causing dementia. 2016 , 135, 525-564	3
72	15 Future Applications of Diffusion Weighted Imaging: Diffusional Kurtosis and Other Nongaussian Diffusion Techniques. 2016 ,	
71	Associations between the self-reported frequency of hearing chemical alarms in theater and regional brain volume in Gulf War Veterans. 2016 , 53, 246-256	17
70	Diffusion tensor imaging of the hippocampus predicts the risk of dementia; the RUN DMC study. 2016 , 37, 327-37	17
69	Degeneracy in model parameter estimation for multi-compartmental diffusion in neuronal tissue. 2016 , 29, 33-47	177

68	Non-Gaussian diffusion alterations on diffusion kurtosis imaging in patients with early Alzheimer's disease. 2016 , 616, 11-8		23
67	DTI in Dementing Conditions. 2016 , 343-358		
66	Multi-modal MRI investigation of volumetric and microstructural changes in the hippocampus and its subfields in mild cognitive impairment, Alzheimer's disease, and dementia with Lewy bodies. 2017 , 29, 545-555		35
65	Retinal thickness in Alzheimer's disease: A systematic review and meta-analysis. 2017 , 6, 162-170		111
64	Reproducibility of tract-based white matter microstructural measures using the ENIGMA-DTI protocol. 2017 , 7, e00615		32
63	Genetic and environmental influences on mean diffusivity and volume in subcortical brain regions. 2017 , 38, 2589-2598		7
62	Differential microstructural and morphological abnormalities in mild cognitive impairment and Alzheimer's disease: Evidence from cortical and deep gray matter. 2017 , 38, 2495-2508		43
61	In Vivo Detection of Gray Matter Neuropathology in the 3xTg Mouse Model of Alzheimer's Disease with Diffusion Tensor Imaging. <i>Journal of Alzheimers Disease</i> , 2017 , 58, 841-853	4-3	13
60	Olfactory identification deficit predicts white matter tract impairment in Alzheimer's disease. 2017 , 266, 90-95		7
59	Dissociable diffusion MRI patterns of white matter microstructure and connectivity in Alzheimer's disease spectrum. 2017 , 7, 45131		28
58	Distinct white matter injury associated with medial temporal lobe atrophy in Alzheimer's versus semantic dementia. 2017 , 38, 1791-1800		15
57	Imaging Biomarkers in Alzheimer's Disease: A Practical Guide for Clinicians. 2017 , 1, 71-88		8
56	Imaging and neuropsychological correlates of white matter lesions in different subtypes of Mild Cognitive Impairment: A systematic review. 2017 , 41, 189-204		10
55	Feature selective temporal prediction of Alzheimer's disease progression using hippocampus surface morphometry. 2017 , 7, e00733		15
54	Hippocampal Stratum Radiatum, Lacunosum, and Moleculare Sparing in Mild Cognitive Impairment. <i>Journal of Alzheimers Disease</i> , 2018 , 61, 415-424	4-3	13
53	White matter microstructural abnormalities in amnesic mild cognitive impairment: A meta-analysis of whole-brain and ROI-based studies. 2017 , 83, 405-416		36
52	Advanced magnetic resonance imaging of neurodegenerative diseases. 2017 , 38, 41-51		40
51	Sensitivity of restriction spectrum imaging to memory and neuropathology in Alzheimer's disease. 2017 , 9, 55		12

50	Structural Connectivity Alterations Along the Alzheimer's Disease Continuum: Reproducibility Across Two Independent Samples and Correlation with Cerebrospinal Fluid Amyloid- β and Tau. <i>Journal of Alzheimer's Disease</i> , 2018 , 61, 1575-1587	4.3	20
49	Principles of diffusion kurtosis imaging and its role in early diagnosis of neurodegenerative disorders. 2018 , 139, 91-98		41
48	White matter diffusion alterations precede symptom onset in autosomal dominant Alzheimer's disease. <i>Brain</i> , 2018 , 141, 3065-3080	11.2	72
47	Secondary prevention of Alzheimer's dementia: neuroimaging contributions. 2018 , 10, 112		27
46	MRI-Based Screening of Preclinical Alzheimer's Disease for Prevention Clinical Trials. <i>Journal of Alzheimer's Disease</i> , 2018 , 64, 1099-1112	4.3	11
45	Divergent topological networks in Alzheimer's disease: a diffusion kurtosis imaging analysis. 2018 , 7, 10		12
44	Homogenizing Estimates of Heritability Among SOLAR-Eclipse, OpenMx, APACE, and FPHI Software Packages in Neuroimaging Data. 2019 , 13, 16		15
43	Relationships Between Diffusion Tensor Imaging and Cerebrospinal Fluid Metrics in Early Stages of the Alzheimer's Disease Continuum. <i>Journal of Alzheimer's Disease</i> , 2019 , 70, 965-981	4.3	10
42	Free-water imaging of the hippocampus is a sensitive marker of Alzheimer's disease. 2019 , 24, 101985		13
41	Multimodal Hippocampal Subfield Grading For Alzheimer's Disease Classification. 2019 , 9, 13845		17
40	Multicenter Tract-Based Analysis of Microstructural Lesions within the Alzheimer's Disease Spectrum: Association with Amyloid Pathology and Diagnostic Usefulness. <i>Journal of Alzheimer's Disease</i> , 2019 , 72, 455-465	4.3	7
39	Relationship Between DTI Metrics and Cognitive Function in Alzheimer's Disease. 2018 , 10, 436		42
38	Structural integrity in subjective cognitive decline, mild cognitive impairment and Alzheimer's disease based on multicenter diffusion tensor imaging. 2019 , 266, 2465-2474		20
37	Diffusion MRI Indices and Their Relation to Cognitive Impairment in Brain Aging: The Updated Multi-protocol Approach in ADNI3. 2019 , 13, 2		33
36	Associations between modifiable risk factors and white matter of the aging brain: insights from diffusion tensor imaging studies. 2019 , 80, 56-70		36
35	Spectral-Domain OCT Measurements in Alzheimer's Disease: A Systematic Review and Meta-analysis. 2019 , 126, 497-510		123
34	MR Biomarkers of Degenerative Brain Disorders Derived From Diffusion Imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2020 , 52, 1620-1636	5.6	29
33	Medial temporal lobe white matter pathway variability is associated with individual differences in episodic memory in cognitively normal older adults. 2020 , 87, 78-88		3

32	Molecular and Imaging Biomarkers in Alzheimer's Disease: A Focus on Recent Insights. 2020 , 10,		14
31	Pre-trained MRI-based Alzheimer's disease classification models to classify memory clinic patients. 2020 , 27, 102303		0
30	Alzheimer's disease diagnosis from diffusion tensor images using convolutional neural networks. <i>PLoS ONE</i> , 2020 , 15, e0230409	3.7	21
29	Fascicle- and Glucose-Specific Deterioration in White Matter Energy Supply in Alzheimer's Disease. <i>Journal of Alzheimers Disease</i> , 2020 , 76, 863-881	4.3	6
28	White matter microstructure disruption in early stage amyloid pathology. 2021 , 13, e12124		2
27	Comparative Evaluation of Diffusion Kurtosis Imaging and Diffusion Tensor Imaging in Detecting Cerebral Microstructural Changes in Alzheimer Disease. 2021 ,		3
26	Predicting amyloid positivity in patients with mild cognitive impairment using a radiomics approach. 2021 , 11, 6954		1
25	Multiparametric magnetic resonance imaging and positron emission tomography findings in neurodegenerative diseases: Current status and future directions. 2021 , 34, 263-288		0
24	Diffusion Magnetic Resonance Imaging-Based Biomarkers for Neurodegenerative Diseases. 2021 , 22,		4
23	Systematic Review of Different Neuroimaging Correlates in Mild Cognitive Impairment and Alzheimer's Disease. 2021 , 31, 953-967		4
22	Intravoxel incoherent motion diffusion-weighted imaging in the characterization of Alzheimer's disease. 2021 , 1		0
21	Advancements in Positron Emission Tomography/Magnetic Resonance Imaging and Applications to Diagnostic Challenges in Neuroradiology. <i>Seminars in Ultrasound, CT and MRI</i> , 2021 , 42, 434-451	1.7	
20	Disrupted Brain Connectivity in Alzheimer's Disease: Effects of Network Thresholding. <i>Mathematics and Visualization</i> , 2014 , 199-208	0.6	3
19	Combining DTI and MRI for the Automated Detection of Alzheimer's Disease Using a Large European Multicenter Dataset. <i>Lecture Notes in Computer Science</i> , 2012 , 18-28	0.9	13
18	Ranking diffusion tensor measures of brain aging and Alzheimer's disease. 2018 ,		2
17	Robust automated detection of microstructural white matter degeneration in Alzheimer's disease using machine learning classification of multicenter DTI data. <i>PLoS ONE</i> , 2013 , 8, e64925	3.7	77
16	MRI markers for mild cognitive impairment: comparisons between white matter integrity and gray matter volume measurements. <i>PLoS ONE</i> , 2013 , 8, e66367	3.7	52
15	Differential white matter connectivity in early mild cognitive impairment according to CSF biomarkers. <i>PLoS ONE</i> , 2014 , 9, e91400	3.7	12

14	Recent Developments in Diffusion Tensor Imaging of Brain. 2015 , 1, 1-12		2
13	Neuroimaging Approaches for Elderly Studies. <i>Advances in Psychology, Mental Health, and Behavioral Studies</i> , 2015 , 47-86	0.2	2
12	The Role of Diffusion Tensor Imaging in Detecting Microstructural Changes in Prodromal Alzheimer's Disease. <i>CNS Neuroscience and Therapeutics</i> , 2014 , 20, 3-9	6.8	1
11	Neuroimaging Approaches for Elderly Studies. 2017 , 1576-1617		
10	Diffusion MRI Indices and their Relation to Cognitive Impairment in Brain Aging: The updated multi-protocol approach in ADNI3.		
9	Accelerated decline in white matter microstructure in subsequently impaired older adults and its relationship with cognitive decline.		
8	A review of neuroimaging biomarkers of Alzheimer's disease. <i>Neurology Asia</i> , 2013 , 18, 239-248		20
7	Longitudinal Assessment of Intravoxel Incoherent Motion Diffusion-Weighted MRI Metrics in Cognitive Decline.. <i>Journal of Magnetic Resonance Imaging</i> , 2022 ,	5.6	0
6	Accelerated decline in white matter microstructure in subsequently impaired older adults and its relationship with cognitive decline.. <i>Brain Communications</i> , 2022 , 4, fcac051	4.5	1
5	Joint independent component analysis for hypothesizing spatiotemporal relationships between longitudinal gray and white matter changes in preclinical Alzheimer's disease. 2022 ,		
4	Hippocampal-subfield microstructures and their relation to plasma biomarkers in Alzheimer's disease.. <i>Brain</i> , 2022 ,	11.2	0
3	Presentation_1.pdf. 2019 ,		
2	A Novel Explainability Approach for Technology-Driven Translational Research on Brain Aging. <i>Journal of Alzheimer's Disease</i> , 2022 , 1-11	4.3	
1	Reproducible Abnormalities and Diagnostic Generalizability of White Matter in Alzheimer's Disease.		0