

Jacobus F A Jansen

List of Publications by Year in descending order

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Version: 2024-02-01

159
papers

6,508
citations

66315

42
h-index

85498

71
g-index

172
all docs

172
docs citations

172
times ranked

9167
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Blood-Brain Barrier Leakage in Patients with Early Alzheimer Disease. <i>Radiology</i> , 2016, 281, 527-535. | 3.6 | 411 |
| 2 | 1H MR Spectroscopy of the Brain: Absolute Quantification of Metabolites. <i>Radiology</i> , 2006, 240, 318-332. | 3.6 | 371 |
| 3 | Cerebral blood flow, blood supply, and cognition in Type 2 Diabetes Mellitus. <i>Scientific Reports</i> , 2016, 6, 10. | 1.6 | 178 |
| 4 | Functional connectivity of dissociation in patients with psychogenic non-epileptic seizures. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 239-247. | 0.9 | 172 |
| 5 | Blood-brain barrier leakage is more widespread in patients with cerebral small vessel disease. <i>Neurology</i> , 2017, 88, 426-432. | 1.5 | 161 |
| 6 | Working memory deficits in high-functioning adolescents with autism spectrum disorders: neuropsychological and neuroimaging correlates. <i>Journal of Neurodevelopmental Disorders</i> , 2013, 5, 14. | 1.5 | 148 |
| 7 | Neurovascular unit impairment in early Alzheimer's disease measured with magnetic resonance imaging. <i>Neurobiology of Aging</i> , 2016, 45, 190-196. | 1.5 | 146 |
| 8 | Big GABA: Edited MR spectroscopy at 24 research sites. <i>NeuroImage</i> , 2017, 159, 32-45. | 2.1 | 143 |
| 9 | Loss of network efficiency associated with cognitive decline in chronic epilepsy. <i>Neurology</i> , 2011, 77, 938-944. | 1.5 | 142 |
| 10 | Dynamic Contrast-Enhanced Magnetic Resonance Imaging as a Predictor of Outcome in Head-and-Neck Squamous Cell Carcinoma Patients With Nodal Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, 1837-1844. | 0.4 | 137 |
| 11 | White Matter Network Abnormalities Are Associated with Cognitive Decline in Chronic Epilepsy. <i>Cerebral Cortex</i> , 2012, 22, 2139-2147. | 1.6 | 127 |
| 12 | Blood-brain barrier impairment and hypoperfusion are linked in cerebral small vessel disease. <i>Neurology</i> , 2019, 92, e1669-e1677. | 1.5 | 126 |
| 13 | The effect and reproducibility of different clinical DTI gradient sets on small world brain connectivity measures. <i>NeuroImage</i> , 2010, 51, 1106-1116. | 2.1 | 114 |
| 14 | Noninvasive Assessment of Tumor Microenvironment Using Dynamic Contrast-Enhanced Magnetic Resonance Imaging and 18F-Fluoromisonidazole Positron Emission Tomography Imaging in Neck Nodal Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 77, 1403-1410. | 0.4 | 102 |
| 15 | Non-Gaussian Analysis of Diffusion-Weighted MR Imaging in Head and Neck Squamous Cell Carcinoma: A Feasibility Study. <i>American Journal of Neuroradiology</i> , 2010, 31, 741-748. | 1.2 | 96 |
| 16 | Increase in blood-brain barrier leakage in healthy, older adults. <i>GeroScience</i> , 2020, 42, 1183-1193. | 2.1 | 96 |
| 17 | Resting-state networks and dissociation in psychogenic non-epileptic seizures. <i>Journal of Psychiatric Research</i> , 2014, 54, 126-133. | 1.5 | 95 |
| 18 | Tumor Metabolism and Perfusion in Head and Neck Squamous Cell Carcinoma: Pretreatment Multimodality Imaging With 1H Magnetic Resonance Spectroscopy, Dynamic Contrast-Enhanced MRI, and [18F]FDG-PET. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, 299-307. | 0.4 | 87 |

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|----|--|-----|-----------|
| 19 | Frontal lobe connectivity and cognitive impairment in pediatric frontal lobe epilepsy. <i>Epilepsia</i> , 2013, 54, 446-454. | 2.6 | 86 |
| 20 | Abnormal Modular Organization of Functional Networks in Cognitively Impaired Children with Frontal Lobe Epilepsy. <i>Cerebral Cortex</i> , 2013, 23, 1997-2006. | 1.6 | 79 |
| 21 | Big GABA II: Water-referenced edited MR spectroscopy at 25 research sites. <i>NeuroImage</i> , 2019, 191, 537-548. | 2.1 | 76 |
| 22 | Subtle blood-brain barrier leakage rate and spatial extent: Considerations for dynamic contrast-enhanced MRI. <i>Medical Physics</i> , 2017, 44, 4112-4125. | 1.6 | 75 |
| 23 | Extension of the intravoxel incoherent motion model to non-gaussian diffusion in head and neck cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 1088-1096. | 1.9 | 74 |
| 24 | Blood-brain barrier leakage in relation to white matter hyperintensity volume and cognition in small vessel disease and normal aging. <i>Brain Imaging and Behavior</i> , 2019, 13, 389-395. | 1.1 | 74 |
| 25 | Functional MRI reveals declined prefrontal cortex activation in patients with epilepsy on topiramate therapy. <i>Epilepsy and Behavior</i> , 2006, 9, 181-185. | 0.9 | 71 |
| 26 | Prediabetes Is Associated With Structural Brain Abnormalities: The Maastricht Study. <i>Diabetes Care</i> , 2018, 41, 2535-2543. | 4.3 | 68 |
| 27 | Enhanced signal detection in neuroimaging by means of regional control of the global false discovery rate. <i>NeuroImage</i> , 2007, 38, 43-56. | 2.1 | 67 |
| 28 | Aberrant functional connectivity between motor and language networks in rolandic epilepsy. <i>Epilepsy Research</i> , 2013, 107, 253-262. | 0.8 | 65 |
| 29 | Functional MRI in chronic epilepsy: associations with cognitive impairment. <i>Lancet Neurology</i> , The, 2010, 9, 1018-1027. | 4.9 | 64 |
| 30 | Early onset of cortical thinning in children with rolandic epilepsy. <i>NeuroImage: Clinical</i> , 2013, 2, 434-439. | 1.4 | 64 |
| 31 | Reduced functional integration of the sensorimotor and language network in rolandic epilepsy. <i>NeuroImage: Clinical</i> , 2013, 2, 239-246. | 1.4 | 63 |
| 32 | Tract Specific Reproducibility of Tractography Based Morphology and Diffusion Metrics. <i>PLoS ONE</i> , 2012, 7, e34125. | 1.1 | 57 |
| 33 | Functional Brain Networks Are Altered in Type 2 Diabetes and Prediabetes: Signs for Compensation of Cognitive Decrements? The Maastricht Study. <i>Diabetes</i> , 2016, 65, 2404-2413. | 0.3 | 57 |
| 34 | Correlation of a priori DCE-MRI and 1H-MRS data with molecular markers in neck nodal metastases: Initial analysis. <i>Oral Oncology</i> , 2012, 48, 717-722. | 0.8 | 53 |
| 35 | The Mad1-Sin3B interaction involves a novel helical fold. <i>Nature Structural Biology</i> , 2000, 7, 1100-1104. | 9.7 | 52 |
| 36 | Altered neurotransmitter metabolism in adolescents with high-functioning autism. <i>Psychiatry Research - Neuroimaging</i> , 2016, 256, 44-49. | 0.9 | 52 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | 7T Epilepsy Task Force Consensus Recommendations on the Use of 7T MRI in Clinical Practice. <i>Neurology</i> , 2021, 96, 327-341. | 1.5 | 52 |
| 38 | Reproducibility of Quantitative Cerebral T2 Relaxometry, Diffusion Tensor Imaging, and 1H Magnetic Resonance Spectroscopy at 3.0 Tesla. <i>Investigative Radiology</i> , 2007, 42, 327-337. | 3.5 | 51 |
| 39 | Blood-brain barrier impairment in dementia: Current and future in vivo assessments. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 49, 71-81. | 2.9 | 51 |
| 40 | Evaluation of Head and Neck Tumors with Functional MR Imaging. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2016, 24, 123-133. | 0.6 | 50 |
| 41 | Functional and Structural Network Impairment in Childhood Frontal Lobe Epilepsy. <i>PLoS ONE</i> , 2014, 9, e90068. | 1.1 | 49 |
| 42 | Neurophysiological correlates of dissociative symptoms. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 174-179. | 0.9 | 47 |
| 43 | Microvascular Dysfunction Is Associated With Worse Cognitive Performance. <i>Hypertension</i> , 2020, 75, 237-245. | 1.3 | 47 |
| 44 | Stem cell profiling by nuclear magnetic resonance spectroscopy. <i>Magnetic Resonance in Medicine</i> , 2006, 56, 666-670. | 1.9 | 44 |
| 45 | Assessing and minimizing the effects of noise and motion in clinical DTI at 3 T. <i>Human Brain Mapping</i> , 2009, 30, 2641-2655. | 1.9 | 44 |
| 46 | Clinical evaluation of language fundamentals in Rolandic epilepsy, an assessment with CELF-4. <i>European Journal of Paediatric Neurology</i> , 2013, 17, 390-396. | 0.7 | 44 |
| 47 | Comparing Primary Tumors and Metastatic Nodes in Head and Neck Cancer Using Intravoxel Incoherent Motion Imaging. <i>Journal of Computer Assisted Tomography</i> , 2013, 37, 346-352. | 0.5 | 42 |
| 48 | White matter hyperintensities mediate the association between blood-brain barrier leakage and information processing speed. <i>Neurobiology of Aging</i> , 2020, 85, 113-122. | 1.5 | 42 |
| 49 | Imaging the role of blood-brain barrier disruption in normal cognitive ageing. <i>GeroScience</i> , 2020, 42, 1751-1764. | 2.1 | 42 |
| 50 | Texture analysis on parametric maps derived from dynamic contrast-enhanced magnetic resonance imaging in head and neck cancer. <i>World Journal of Radiology</i> , 2016, 8, 90. | 0.5 | 42 |
| 51 | Pulsatility of Lenticulostriate Arteries Assessed by 7 Tesla Flow MRI Measurement, Reproducibility, and Applicability to Aging Effect. <i>Frontiers in Physiology</i> , 2017, 8, 961. | 1.3 | 39 |
| 52 | Quality and denoising in real-time functional magnetic resonance imaging neurofeedback: A methods review. <i>Human Brain Mapping</i> , 2020, 41, 3439-3467. | 1.9 | 39 |
| 53 | Memory processes and prefrontal network dysfunction in cryptogenic epilepsy. <i>Epilepsia</i> , 2011, 52, 1467-1475. | 2.6 | 38 |
| 54 | Altered Hippocampal White Matter Connectivity in Type 2 Diabetes Mellitus and Memory Decrements. <i>Journal of Neuroendocrinology</i> , 2016, 28, 12366. | 1.2 | 38 |

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|----|---|-----|-----------|
| 55 | Autonomic nervous system functioning associated with psychogenic nonepileptic seizures: Analysis of heart rate variability. <i>Epilepsy and Behavior</i> , 2016, 54, 14-19. | 0.9 | 38 |
| 56 | Quality control strategies for brain MRI segmentation and parcellation: Practical approaches and recommendations - insights from the Maastricht study. <i>NeuroImage</i> , 2021, 237, 118174. | 2.1 | 37 |
| 57 | Delayed convergence between brain network structure and function in rolandic epilepsy. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 704. | 1.0 | 36 |
| 58 | Increased GABA concentrations in type 2 diabetes mellitus are related to lower cognitive functioning. <i>Medicine (United States)</i> , 2016, 95, e4803. | 0.4 | 35 |
| 59 | Glutamate quantification by PRESS or MEGA-PRESS: Validation, repeatability, and concordance. <i>Magnetic Resonance Imaging</i> , 2018, 48, 107-114. | 1.0 | 35 |
| 60 | Reduced Structural Connectivity between Sensorimotor and Language Areas in Rolandic Epilepsy. <i>PLoS ONE</i> , 2013, 8, e83568. | 1.1 | 35 |
| 61 | Measuring subtle leakage of the blood-brain barrier in cerebrovascular disease with DCE-MRI: Test-retest reproducibility and its influencing factors. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 159-166. | 1.9 | 34 |
| 62 | Extension of the Binding Motif of the Sin3 Interacting Domain of the Mad Family Proteins. <i>Biochemistry</i> , 2004, 43, 46-54. | 1.2 | 32 |
| 63 | On the Interplay of Microvasculature, Parenchyma, and Memory in Type 2 Diabetes. <i>Diabetes Care</i> , 2015, 38, 876-882. | 4.3 | 32 |
| 64 | Simultaneous investigation of microvasculature and parenchyma in cerebral small vessel disease using intravoxel incoherent motion imaging. <i>NeuroImage: Clinical</i> , 2017, 14, 216-221. | 1.4 | 32 |
| 65 | Non-invasive imaging of angiogenesis in head and neck squamous cell carcinoma. <i>Angiogenesis</i> , 2010, 13, 149-160. | 3.7 | 31 |
| 66 | Comparison of Multivendor Single-Voxel MR Spectroscopy Data Acquired in Healthy Brain at 26 Sites. <i>Radiology</i> , 2020, 295, 171-180. | 3.6 | 31 |
| 67 | Reduced responsiveness of the reward system is associated with tolerance to cannabis impairment in chronic users. <i>Addiction Biology</i> , 2021, 26, e12870. | 1.4 | 31 |
| 68 | Correlation between language impairment and problems in motor development in children with rolandic epilepsy. <i>Epilepsy and Behavior</i> , 2011, 22, 527-531. | 0.9 | 30 |
| 69 | White Matter Connectivity Abnormalities in Prediabetes and Type 2 Diabetes: The Maastricht Study. <i>Diabetes Care</i> , 2020, 43, 201-208. | 4.3 | 29 |
| 70 | Cognitive effects of lacosamide as adjunctive therapy in refractory epilepsy. <i>Acta Neurologica Scandinavica</i> , 2015, 131, 347-354. | 1.0 | 28 |
| 71 | Applicability and reproducibility of 2D multi-slice GRASE myelin water fraction with varying acquisition acceleration. <i>NeuroImage</i> , 2019, 195, 333-339. | 2.1 | 28 |
| 72 | Frequency drift in MR spectroscopy at 3T. <i>NeuroImage</i> , 2021, 241, 118430. | 2.1 | 28 |

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|----|---|-----|-----------|
| 73 | Pericortical Enhancement on Delayed Postgadolinium Fluid-Attenuated Inversion Recovery Images in Normal Aging, Mild Cognitive Impairment, and Alzheimer Disease. <i>American Journal of Neuroradiology</i> , 2017, 38, 1742-1747. | 1.2 | 27 |
| 74 | On the merits of non-invasive myelin imaging in epilepsy, a literature review. <i>Journal of Neuroscience Methods</i> , 2020, 338, 108687. | 1.3 | 27 |
| 75 | Bloodâ€‘brain barrier leakage at baseline and cognitive decline in cerebral small vessel disease: a 2-year follow-up study. <i>GeroScience</i> , 2021, 43, 1643-1652. | 2.1 | 27 |
| 76 | Comment on "Magnetic Resonance Spectroscopy Identifies Neural Progenitor Cells in the Live Human Brain". <i>Science</i> , 2008, 321, 640-640. | 6.0 | 26 |
| 77 | Hippocampal MRI Volumetry at 3 Tesla. <i>Investigative Radiology</i> , 2009, 44, 509-517. | 3.5 | 25 |
| 78 | Intravoxel Incoherent Motion Imaging in Small Vessel Disease. <i>Stroke</i> , 2017, 48, 658-663. | 1.0 | 25 |
| 79 | Spectral Diffusion Analysis of Intravoxel Incoherent Motion MRI in Cerebral Small Vessel Disease. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1170-1180. | 1.9 | 25 |
| 80 | Microstructural and functional MRI studies of cognitive impairment in epilepsy. <i>Epilepsia</i> , 2012, 53, 1690-1699. | 2.6 | 24 |
| 81 | Anatomic segmentation improves prostate cancer detection with artificial neural networks analysis of ¹ H magnetic resonance spectroscopic imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 1414-1421. | 1.9 | 24 |
| 82 | Brain restingâ€‘state networks in adolescents with highâ€‘functioning autism: Analysis of spatial connectivity and temporal neurodynamics. <i>Brain and Behavior</i> , 2018, 8, e00878. | 1.0 | 24 |
| 83 | Metabolic and functional MR biomarkers of antiepileptic drug effectiveness: A review. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 59, 92-99. | 2.9 | 23 |
| 84 | Cerebral Pathology and Cognition in Diabetes: The Merits of Multiparametric Neuroimaging. <i>Frontiers in Neuroscience</i> , 2017, 11, 188. | 1.4 | 23 |
| 85 | Microvascular Phenotyping in the Maastricht Study: Design and Main Findings, 2010â€‘2018. <i>American Journal of Epidemiology</i> , 2020, 189, 873-884. | 1.6 | 23 |
| 86 | A Comprehensive View on MRI Techniques for Imaging Blood-Brain Barrier Integrity. <i>Investigative Radiology</i> , 2021, 56, 10-19. | 3.5 | 23 |
| 87 | Interplay of White Matter Hyperintensities, Cerebral Networks, and Cognitive Function in an Adult Population: Diffusion-Tensor Imaging in the Maastricht Study. <i>Radiology</i> , 2021, 298, 384-392. | 3.6 | 23 |
| 88 | Short- and long-term limbic abnormalities after experimental febrile seizures. <i>Neurobiology of Disease</i> , 2008, 32, 293-301. | 2.1 | 22 |
| 89 | Working memory network alterations in highâ€‘functioning adolescents with an autism spectrum disorder. <i>Psychiatry and Clinical Neurosciences</i> , 2018, 72, 73-83. | 1.0 | 22 |
| 90 | Lower myelinâ€‘water content of the frontal lobe in childhood absence epilepsy. <i>Epilepsia</i> , 2019, 60, 1689-1696. | 2.6 | 22 |

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|-----|--|-----|-----------|
| 91 | Baseline Blood-Brain Barrier Leakage and Longitudinal Microstructural Tissue Damage in the Periphery of White Matter Hyperintensities. <i>Neurology</i> , 2021, 96, e2192-e2200. | 1.5 | 22 |
| 92 | Pediatric frontal lobe epilepsy: white matter abnormalities and cognitive impairment. <i>Acta Neurologica Scandinavica</i> , 2014, 129, 252-262. | 1.0 | 20 |
| 93 | Chronic antiepileptic drug use and functional network efficiency: A functional magnetic resonance imaging study. <i>World Journal of Radiology</i> , 2017, 9, 287. | 0.5 | 19 |
| 94 | Imaging markers associated with the development of post-stroke depression and apathy: Results of the Cognition and Affect after Stroke – a Prospective Evaluation of Risks study. <i>European Stroke Journal</i> , 2020, 5, 78-84. | 2.7 | 18 |
| 95 | Aetiology of cognitive impairment in children with frontal lobe epilepsy. <i>Acta Neurologica Scandinavica</i> , 2015, 131, 17-29. | 1.0 | 17 |
| 96 | Associations of the Lifestyle for Brain Health Index With Structural Brain Changes and Cognition. <i>Neurology</i> , 2021, 97, e1300-e1312. | 1.5 | 17 |
| 97 | White Matter Hyperintensities Potentiate Hippocampal Volume Reduction in Non-Demented Older Individuals with Abnormal Amyloid- β . <i>Journal of Alzheimer's Disease</i> , 2016, 55, 333-342. | 1.2 | 16 |
| 98 | Complementary and Alternative Medicine in Alopecia Areata. <i>American Journal of Clinical Dermatology</i> , 2010, 11, 11-20. | 3.3 | 15 |
| 99 | The Parkinson™Play study: protocol of a phase II randomized controlled trial to assess the effects of a health game on cognition in Parkinson™s disease. <i>BMC Neurology</i> , 2016, 16, 209. | 0.8 | 15 |
| 100 | The Cognitive Profile of Ethosuximide in Children. <i>Paediatric Drugs</i> , 2016, 18, 379-385. | 1.3 | 15 |
| 101 | Towards prognostic biomarkers from BOLD fluctuations to differentiate a first epileptic seizure from new-onset epilepsy. <i>Epilepsia</i> , 2017, 58, 476-483. | 2.6 | 15 |
| 102 | Anatomic & metabolic brain markers of the m.3243A>G mutation: A multi-parametric 7T MRI study. <i>NeuroImage: Clinical</i> , 2018, 18, 231-244. | 1.4 | 15 |
| 103 | Abnormal Profiles of Local Functional Connectivity Proximal to Focal Cortical Dysplasias. <i>PLoS ONE</i> , 2016, 11, e0166022. | 1.1 | 15 |
| 104 | Glutamatergic and GABAergic reactivity and cognition in 22q11.2 deletion syndrome and healthy volunteers: A randomized double-blind 7-Tesla pharmacological MRS study. <i>Journal of Psychopharmacology</i> , 2020, 34, 856-863. | 2.0 | 14 |
| 105 | Cognitive fMRI and neuropsychological assessment in patients with secondarily generalized seizures. <i>Clinical Neurology and Neurosurgery</i> , 2008, 110, 441-450. | 0.6 | 13 |
| 106 | White Matter Lesions in Patients With Localization-Related Epilepsy. <i>Investigative Radiology</i> , 2008, 43, 552-558. | 3.5 | 13 |
| 107 | High field imaging of large-scale neurotransmitter networks: Proof of concept and initial application to epilepsy. <i>NeuroImage: Clinical</i> , 2018, 19, 47-55. | 1.4 | 13 |
| 108 | Cross-Sectional Associations Between Cardiac Biomarkers, Cognitive Performance, and Structural Brain Changes Are Modified by Age. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1948-1958. | 1.1 | 13 |

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|-----|--|-----|-----------|
| 109 | Spatial heterogeneity analysis of brain activation in fMRI. <i>NeuroImage: Clinical</i> , 2014, 5, 266-276. | 1.4 | 12 |
| 110 | A new analysis approach for T2relaxometry myelin water quantification: Orthogonal Matching Pursuit. <i>Magnetic Resonance in Medicine</i> , 2018, 81, 3292-3303. | 1.9 | 12 |
| 111 | CSF enhancement on post-contrast fluid-attenuated inversion recovery images; a systematic review. <i>NeuroImage: Clinical</i> , 2020, 28, 102456. | 1.4 | 12 |
| 112 | The effects of multi-echo fMRI combination and rapid T*-mapping on offline and real-time BOLD sensitivity. <i>NeuroImage</i> , 2021, 238, 118244. | 2.1 | 12 |
| 113 | Associations of increased interstitial fluid with vascular and neurodegenerative abnormalities in a memory clinic sample. <i>Neurobiology of Aging</i> , 2021, 106, 257-267. | 1.5 | 12 |
| 114 | Assessment of microvascular rarefaction in human brain disorders using physiological magnetic resonance imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 718-737. | 2.4 | 12 |
| 115 | Functional MRI in major depressive disorder: A review of findings, limitations, and future prospects. <i>Journal of Neuroimaging</i> , 2022, 32, 582-595. | 1.0 | 12 |
| 116 | MRS-lateralisation index in patients with epilepsy and focal cortical dysplasia or a MEG-focus using bilateral single voxels. <i>Epilepsy Research</i> , 2010, 89, 148-153. | 0.8 | 11 |
| 117 | Wavelet entropy of BOLD time series: An application to Rolandic epilepsy. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1728-1737. | 1.9 | 11 |
| 118 | On the Reproducibility of Inversion Recovery Intravoxel Incoherent Motion Imaging in Cerebrovascular Disease. <i>American Journal of Neuroradiology</i> , 2018, 39, 226-231. | 1.2 | 11 |
| 119 | Structural covariance networks relate to the severity of epilepsy with focal-onset seizures. <i>NeuroImage: Clinical</i> , 2018, 20, 861-867. | 1.4 | 11 |
| 120 | Abnormal Blood Oxygen Level-Dependent Fluctuations in Focal Cortical Dysplasia and the Perilesional Zone: Initial Findings. <i>American Journal of Neuroradiology</i> , 2018, 39, 1310-1315. | 1.2 | 11 |
| 121 | Blood pressure variability and microvascular dysfunction: the Maastricht Study. <i>Journal of Hypertension</i> , 2020, 38, 1541-1550. | 0.3 | 11 |
| 122 | The association of markers of cerebral small vessel disease and brain atrophy with incidence and course of depressive symptoms - the maastricht study. <i>Journal of Affective Disorders</i> , 2021, 292, 439-447. | 2.0 | 10 |
| 123 | Extracerebral microvascular dysfunction is related to brain MRI markers of cerebral small vessel disease: The Maastricht Study. <i>GeroScience</i> , 2022, 44, 147-157. | 2.1 | 10 |
| 124 | Glutamate concentrations vary with antiepileptic drug use and mental slowing. <i>Epilepsy and Behavior</i> , 2016, 64, 200-205. | 0.9 | 9 |
| 125 | Permeability of the windows of the brain: feasibility of dynamic contrast-enhanced MRI of the circumventricular organs. <i>Fluids and Barriers of the CNS</i> , 2020, 17, 66. | 2.4 | 9 |
| 126 | Functional brain network characteristics are associated with epilepsy severity in childhood absence epilepsy. <i>NeuroImage: Clinical</i> , 2020, 27, 102264. | 1.4 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Predictive value of functional MRI and EEG in epilepsy diagnosis after a first seizure. <i>Epilepsy and Behavior</i> , 2021, 115, 107651. | 0.9 | 9 |
| 128 | Cognitive fMRI and soluble telencephalin assessment in patients with localization-related epilepsy. <i>Acta Neurologica Scandinavica</i> , 2008, 118, 232-239. | 1.0 | 8 |
| 129 | Volumetric and Functional Activity Lateralization in Healthy Subjects and Patients with Focal Epilepsy: Initial Findings in a 7T MRI Study. <i>Journal of Neuroimaging</i> , 2020, 30, 666-673. | 1.0 | 8 |
| 130 | Application of contrast-enhanced magnetic resonance imaging in the assessment of blood-cerebrospinal fluid barrier integrity. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 127, 171-183. | 2.9 | 8 |
| 131 | The relation of depression with structural brain abnormalities and cognitive functioning: the Maastricht study. <i>Psychological Medicine</i> , 2022, 52, 3521-3530. | 2.7 | 7 |
| 132 | 7T dynamic contrast-enhanced MRI for the detection of subtle blood-brain barrier leakage. <i>Journal of Neuroimaging</i> , 2021, 31, 902-911. | 1.0 | 7 |
| 133 | Cardiometabolic determinants of early and advanced brain alterations: Insights from conventional and novel MRI techniques. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 115, 308-320. | 2.9 | 7 |
| 134 | Optimal Detection of Subtle Gadolinium Leakage in CSF with Heavily T2-Weighted Fluid-Attenuated Inversion Recovery Imaging. <i>American Journal of Neuroradiology</i> , 2019, 40, 1481-1483. | 1.2 | 6 |
| 135 | Constructing an Axonal-Specific Myelin Developmental Graph and its Application to Childhood Absence Epilepsy. <i>Journal of Neuroimaging</i> , 2020, 30, 308-314. | 1.0 | 5 |
| 136 | Time-efficient measurement of subtle blood-brain barrier leakage using a T ₁ mapping MRI protocol at 7 T. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2761-2770. | 1.9 | 5 |
| 137 | Circulating N-Acetylaspartate does not track brain NAA concentrations, cognitive function or features of small vessel disease in humans. <i>Scientific Reports</i> , 2022, 12, . | 1.6 | 5 |
| 138 | The cardiometabolic depression subtype and its association with clinical characteristics: The Maastricht Study. <i>Journal of Affective Disorders</i> , 2022, 313, 110-117. | 2.0 | 5 |
| 139 | Sequence-specific assignment of the PAH2 domain of Sin3B free and bound to Mad1. <i>Journal of Biomolecular NMR</i> , 2001, 19, 377-378. | 1.6 | 4 |
| 140 | Estimating myelin-water content from anatomical and diffusion images using spatially undersampled myelin-water imaging through machine learning. <i>NeuroImage</i> , 2021, 226, 117626. | 2.1 | 4 |
| 141 | Quantitative MR and cognitive impairment in cryptogenic localisation-related epilepsy. <i>Epileptic Disorders</i> , 2014, 16, 318-327. | 0.7 | 3 |
| 142 | Editorial for "MRI-Based Back Propagation Neural Network Model as a Powerful Tool for Predicting the Response to Induction Chemotherapy in Locoregionally Advanced Nasopharyngeal Carcinoma". <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 560-561. | 1.9 | 3 |
| 143 | Statin Therapy and Cognitive Deficits Associated With Neurofibromatosis Type 1. <i>JAMA - Journal of the American Medical Association</i> , 2008, 300, 2369. | 3.8 | 2 |
| 144 | Neurodegenerative and functional signatures of the cerebellar cortex in m.3243A>G patients. <i>Brain Communications</i> , 2022, 4, fcac024. | 1.5 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Spectral Diffusion Analysis of Intravoxel Incoherent Motion MRI in Cerebral Small Vessel Disease. Journal of Magnetic Resonance Imaging, 2020, 51, spcone. | 1.9 | 1 |
| 146 | Semi-automated Computed Tomography Volumetry as a Proxy for Intracranial Pressure in Patients with Severe Traumatic Brain Injury: Clinical Feasibility Study. Acta Neurochirurgica Supplementum, 2021, 131, 17-21. | 0.5 | 1 |
| 147 | rt-me-fMRI: a task and resting state dataset for real-time, multi-echo fMRI methods development and validation. F1000Research, 0, 10, 70. | 0.8 | 1 |
| 148 | IC-P-181: BLOOD-BRAIN BARRIER LEAKAGE IN ALZHEIMER'S DISEASE: A DYNAMIC CONTRAST-ENHANCED MRI STUDY. , 2014, 10, P101-P101. | | 0 |
| 149 | P2-226: BLOOD-BRAIN-BARRIER LEAKAGE IN ALZHEIMER'S DISEASE: A DYNAMIC CONTRAST-ENHANCED MRI STUDY. , 2014, 10, P557-P557. | | 0 |
| 150 | Assessment of extracranial and intracranial atherosclerosis: Don't dismiss old school autopsy. Atherosclerosis, 2018, 270, 189-190. | 0.4 | 0 |
| 151 | P3-310: IMAGING MARKERS ASSOCIATED WITH THE DEVELOPMENT OF POST-STROKE DEPRESSION AND APATHY: RESULTS OF THE CASPER STUDY. Alzheimer's and Dementia, 2018, 14, P1200. | 0.4 | 0 |
| 152 | P1-466: ON THE LINK BETWEEN BLOOD-BRAIN BARRIER LEAKAGE, WHITE MATTER HYPERINTENSITIES, NEURODEGENERATION, AND COGNITION. Alzheimer's and Dementia, 2018, 14, P499. | 0.4 | 0 |
| 153 | IC-P-088: ON THE LINK BETWEEN BLOOD-BRAIN BARRIER LEAKAGE, WHITE MATTER HYPERINTENSITIES, NEURODEGENERATION, AND COGNITION. Alzheimer's and Dementia, 2018, 14, P74. | 0.4 | 0 |
| 154 | P4-577: OPTIMAL DETECTION OF SUBTLE GADOLINIUM LEAKAGE IN CEREBROSPINAL FLUID WITH HEAVILY T2-WEIGHTED FLUID-ATTENUATED INVERSION RECOVERY IMAGING. Alzheimer's and Dementia, 2019, 15, P1541. | 0.4 | 0 |
| 155 | The association of depression with structural brain markers and cognitive impairment: The Maastricht study. Alzheimer's and Dementia, 2020, 16, e038597. | 0.4 | 0 |
| 156 | Vascular and neurodegenerative imaging markers are associated with increased interstitial fluid diffusion in memory clinic patients. Alzheimer's and Dementia, 2020, 16, e039700. | 0.4 | 0 |
| 157 | Editorial for "Deep Learning Enabled 3D Multi-Sequence MRI". Journal of Magnetic Resonance Imaging, 2022, 55, 1093-1094. | 1.9 | 0 |
| 158 | Interstitial fluid as a proxy of glymphatic dysfunction in patients with cognitive impairment: The necessity of three-directional intravoxel incoherent motion. Alzheimer's and Dementia, 2021, 17, . | 0.4 | 0 |
| 159 | White matter network structure as a substrate of cognitive brain reserve in cerebral small vessel disease: The Maastricht Study. Alzheimer's and Dementia, 2021, 17, . | 0.4 | 0 |