

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
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172
all docs

172
docs citations

172
times ranked

9167
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Editorial for "Deep Learning-Enabled Identification of Autoimmune Encephalitis on 3D Multi-Sequence MRI". <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 1093-1094.	1.9	0
3	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
4	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
5	Neurodegenerative and functional signatures of the cerebellar cortex in m.3243A&G patients. <i>Brain Communications</i> , 2022, 4, fcac024.	1.5	2
6	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
7	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
8	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
9	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
10	A Comprehensive View on MRI Techniques for Imaging Blood-Brain Barrier Integrity. <i>Investigative Radiology</i> , 2021, 56, 10-19.	3.5	23
11	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
12	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
13	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
14	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
15	Semi-automated Computed Tomography Volumetry as a Proxy for Intracranial Pressure in Patients with Severe Traumatic Brain Injury: Clinical Feasibility Study. <i>Acta Neurochirurgica Supplementum</i> , 2021, 131, 17-21.	0.5	1
16	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
17	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
18	Blood-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

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19	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
20	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
21	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
22	Associations of the Lifestyle for Brain Health Index With Structural Brain Changes and Cognition. <i>Neurology</i> , 2021, 97, e1300-e1312.	1.5	17
23	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
24	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
25	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
26	Frequency drift in MR spectroscopy at 3T. <i>NeuroImage</i> , 2021, 241, 118430.	2.1	28
27	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
28	Interstitial fluid as a proxy of glymphatic dysfunction in patients with cognitive impairment: The necessity of three-dimensional intravoxel incoherent motion. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
29	White matter network structure as a substrate of cognitive brain reserve in cerebral small vessel disease: The Maastricht Study. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
30	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
31	White Matter Connectivity Abnormalities in Prediabetes and Type 2 Diabetes: The Maastricht Study. <i>Diabetes Care</i> , 2020, 43, 201-208.	4.3	29
32	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
33	Microvascular Dysfunction Is Associated With Worse Cognitive Performance. <i>Hypertension</i> , 2020, 75, 237-245.	1.3	47
34	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
35	Imaging the role of blood-brain barrier disruption in normal cognitive ageing. <i>GeroScience</i> , 2020, 42, 1751-1764.	2.1	42
36	Increase in blood-brain barrier leakage in healthy, older adults. <i>GeroScience</i> , 2020, 42, 1183-1193.	2.1	96

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37	CSF enhancement on post-contrast fluid-attenuated inversion recovery images; a systematic review. <i>NeuroImage: Clinical</i> , 2020, 28, 102456.	1.4	12
38	Blood pressure variability and microvascular dysfunction: the Maastricht Study. <i>Journal of Hypertension</i> , 2020, 38, 1541-1550.	0.3	11
39	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
40	The association of depression with structural brain markers and cognitive impairment: The Maastricht study. <i>Alzheimer's and Dementia</i> , 2020, 16, e038597.	0.4	0
41	Vascular and neurodegenerative imaging markers are associated with increased interstitial fluid diffusion in memory clinic patients. <i>Alzheimer's and Dementia</i> , 2020, 16, e039700.	0.4	0
42	Functional brain network characteristics are associated with epilepsy severity in childhood absence epilepsy. <i>NeuroImage: Clinical</i> , 2020, 27, 102264.	1.4	9
43	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
44	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
45	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
46	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
47	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
48	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
49	Spectral Diffusion Analysis of Intravoxel Incoherent Motion MRI in Cerebral Small Vessel Disease. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, spcone.	1.9	1
50	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
51	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
52	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
53	Lower myelin-water content of the frontal lobe in childhood absence epilepsy. <i>Epilepsia</i> , 2019, 60, 1689-1696.	2.6	22
54	Big GABA II: Water-referenced edited MR spectroscopy at 25 research sites. <i>NeuroImage</i> , 2019, 191, 537-548.	2.1	76

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55	Blood-brain barrier impairment and hypoperfusion are linked in cerebral small vessel disease. <i>Neurology</i> , 2019, 92, e1669-e1677.	1.5	126
56	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
57	P4577: OPTIMAL DETECTION OF SUBTLE GADOLINIUM LEAKAGE IN CEREBROSPINAL FLUID WITH HEAVILY T2-WEIGHTED FLUID-ATTENUATED INVERSION RECOVERY IMAGING. <i>Alzheimer's and Dementia</i> , 2019, 15, P1541.	0.4	0
58	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
59	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
60	Assessment of extracranial and intracranial atherosclerosis: Don't dismiss old school autopsy. <i>Atherosclerosis</i> , 2018, 270, 189-190.	0.4	0
61	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
62	Brain resting-state networks in adolescents with high-functioning autism: Analysis of spatial connectivity and temporal neurodynamics. <i>Brain and Behavior</i> , 2018, 8, e00878.	1.0	24
63	Glutamate quantification by PRESS or MEGA-PRESS: Validation, repeatability, and concordance. <i>Magnetic Resonance Imaging</i> , 2018, 48, 107-114.	1.0	35
64	Working memory network alterations in high-functioning adolescents with an autism spectrum disorder. <i>Psychiatry and Clinical Neurosciences</i> , 2018, 72, 73-83.	1.0	22
65	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
66	P3310: IMAGING MARKERS ASSOCIATED WITH THE DEVELOPMENT OF POST-STROKE DEPRESSION AND APATHY: RESULTS OF THE CASPER STUDY. <i>Alzheimer's and Dementia</i> , 2018, 14, P1200.	0.4	0
67	P1466: ON THE LINK BETWEEN BLOOD-BRAIN BARRIER LEAKAGE, WHITE MATTER HYPERINTENSITIES, NEURODEGENERATION, AND COGNITION. <i>Alzheimer's and Dementia</i> , 2018, 14, P499.	0.4	0
68	A new analysis approach for T2-relaxometry myelin water quantification: Orthogonal Matching Pursuit. <i>Magnetic Resonance in Medicine</i> , 2018, 81, 3292-3303.	1.9	12
69	ICP088: ON THE LINK BETWEEN BLOOD-BRAIN BARRIER LEAKAGE, WHITE MATTER HYPERINTENSITIES, NEURODEGENERATION, AND COGNITION. <i>Alzheimer's and Dementia</i> , 2018, 14, P74.	0.4	0
70	Structural covariance networks relate to the severity of epilepsy with focal-onset seizures. <i>NeuroImage: Clinical</i> , 2018, 20, 861-867.	1.4	11
71	Prediabetes Is Associated With Structural Brain Abnormalities: The Maastricht Study. <i>Diabetes Care</i> , 2018, 41, 2535-2543.	4.3	68
72	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

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73	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
74	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
75	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
76	Intravoxel Incoherent Motion Imaging in Small Vessel Disease. <i>Stroke</i> , 2017, 48, 658-663.	1.0	25
77	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
78	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
79	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
80	Blood-brain barrier leakage is more widespread in patients with cerebral small vessel disease. <i>Neurology</i> , 2017, 88, 426-432.	1.5	161
81	Big GABA: Edited MR spectroscopy at 24 research sites. <i>NeuroImage</i> , 2017, 159, 32-45.	2.1	143
82	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
83	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
84	Cerebral Pathology and Cognition in Diabetes: The Merits of Multiparametric Neuroimaging. <i>Frontiers in Neuroscience</i> , 2017, 11, 188.	1.4	23
85	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
86	Cerebral blood flow, blood supply, and cognition in Type 2 Diabetes Mellitus. <i>Scientific Reports</i> , 2016, 6, 10.	1.6	178
87	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
88	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
89	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
90	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

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91	Glutamate concentrations vary with antiepileptic drug use and mental slowing. <i>Epilepsy and Behavior</i> , 2016, 64, 200-205.	0.9	9
92	Altered neurotransmitter metabolism in adolescents with high-functioning autism. <i>Psychiatry Research - Neuroimaging</i> , 2016, 256, 44-49.	0.9	52
93	The Cognitive Profile of Ethosuximide in Children. <i>Paediatric Drugs</i> , 2016, 18, 379-385.	1.3	15
94	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
95	Blood-Brain Barrier Leakage in Patients with Early Alzheimer Disease. <i>Radiology</i> , 2016, 281, 527-535.	3.6	411
96	Altered Hippocampal White Matter Connectivity in Type 2 Diabetes Mellitus and Memory Decrements. <i>Journal of Neuroendocrinology</i> , 2016, 28, 12366.	1.2	38
97	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
98	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
99	Abnormal Profiles of Local Functional Connectivity Proximal to Focal Cortical Dysplasias. <i>PLoS ONE</i> , 2016, 11, e0166022.	1.1	15
100	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
101	On the Interplay of Microvasculature, Parenchyma, and Memory in Type 2 Diabetes. <i>Diabetes Care</i> , 2015, 38, 876-882.	4.3	32
102	Cognitive effects of lacosamide as adjunctive therapy in refractory epilepsy. <i>Acta Neurologica Scandinavica</i> , 2015, 131, 347-354.	1.0	28
103	Metabolic and functional MR biomarkers of antiepileptic drug effectiveness: A review. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 59, 92-99.	2.9	23
104	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
105	Aetiology of cognitive impairment in children with frontal lobe epilepsy. <i>Acta Neurologica Scandinavica</i> , 2015, 131, 17-29.	1.0	17
106	Functional and Structural Network Impairment in Childhood Frontal Lobe Epilepsy. <i>PLoS ONE</i> , 2014, 9, e90068.	1.1	49
107	Delayed convergence between brain network structure and function in rolandic epilepsy. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 704.	1.0	36
108	Quantitative MR and cognitive impairment in cryptogenic localisation-related epilepsy. <i>Epileptic Disorders</i> , 2014, 16, 318-327.	0.7	3

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109	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
110	Pediatric frontal lobe epilepsy: white matter abnormalities and cognitive impairment. <i>Acta Neurologica Scandinavica</i> , 2014, 129, 252-262.	1.0	20
111	Neurophysiological correlates of dissociative symptoms. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 174-179.	0.9	47
112	Spatial heterogeneity analysis of brain activation in fMRI. <i>NeuroImage: Clinical</i> , 2014, 5, 266-276.	1.4	12
113	Resting-state networks and dissociation in psychogenic non-epileptic seizures. <i>Journal of Psychiatric Research</i> , 2014, 54, 126-133.	1.5	95
114	IC-P-181: BLOOD-BRAIN BARRIER LEAKAGE IN ALZHEIMER'S DISEASE: A DYNAMIC CONTRAST-ENHANCED MRI STUDY. , 2014, 10, P101-P101.		0
115	P2-226: BLOOD-BRAIN-BARRIER LEAKAGE IN ALZHEIMER'S DISEASE: A DYNAMIC CONTRAST-ENHANCED MRI STUDY. , 2014, 10, P557-P557.		0
116	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
117	Aberrant functional connectivity between motor and language networks in rolandic epilepsy. <i>Epilepsy Research</i> , 2013, 107, 253-262.	0.8	65
118	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
119	Early onset of cortical thinning in children with rolandic epilepsy. <i>NeuroImage: Clinical</i> , 2013, 2, 434-439.	1.4	64
120	Reduced functional integration of the sensorimotor and language network in rolandic epilepsy. <i>NeuroImage: Clinical</i> , 2013, 2, 239-246.	1.4	63
121	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
122	Frontal lobe connectivity and cognitive impairment in pediatric frontal lobe epilepsy. <i>Epilepsia</i> , 2013, 54, 446-454.	2.6	86
123	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
124	Reduced Structural Connectivity between Sensorimotor and Language Areas in Rolandic Epilepsy. <i>PLoS ONE</i> , 2013, 8, e83568.	1.1	35
125	White Matter Network Abnormalities Are Associated with Cognitive Decline in Chronic Epilepsy. <i>Cerebral Cortex</i> , 2012, 22, 2139-2147.	1.6	127
126	Microstructural and functional MRI studies of cognitive impairment in epilepsy. <i>Epilepsia</i> , 2012, 53, 1690-1699.	2.6	24

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127	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
128	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
129	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
130	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
131	Tract Specific Reproducibility of Tractography Based Morphology and Diffusion Metrics. <i>PLoS ONE</i> , 2012, 7, e34125.	1.1	57
132	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
133	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
134	Memory processes and prefrontal network dysfunction in cryptogenic epilepsy. <i>Epilepsia</i> , 2011, 52, 1467-1475.	2.6	38
135	Loss of network efficiency associated with cognitive decline in chronic epilepsy. <i>Neurology</i> , 2011, 77, 938-944.	1.5	142
136	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
137	Non-invasive imaging of angiogenesis in head and neck squamous cell carcinoma. <i>Angiogenesis</i> , 2010, 13, 149-160.	3.7	31
138	Functional MRI in chronic epilepsy: associations with cognitive impairment. <i>Lancet Neurology</i> , The, 2010, 9, 1018-1027.	4.9	64
139	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
140	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
141	Complementary and Alternative Medicine in Alopecia Areata. <i>American Journal of Clinical Dermatology</i> , 2010, 11, 11-20.	3.3	15
142	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
143	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
144	Hippocampal MRI Volumetry at 3 Tesla. <i>Investigative Radiology</i> , 2009, 44, 509-517.	3.5	25

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145	Cognitive fMRI and soluble telencephalin assessment in patients with localization-related epilepsy. <i>Acta Neurologica Scandinavica</i> , 2008, 118, 232-239.	1.0	8
146	Short- and long-term limbic abnormalities after experimental febrile seizures. <i>Neurobiology of Disease</i> , 2008, 32, 293-301.	2.1	22
147	Cognitive fMRI and neuropsychological assessment in patients with secondarily generalized seizures. <i>Clinical Neurology and Neurosurgery</i> , 2008, 110, 441-450.	0.6	13
148	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
149	Comment on "Magnetic Resonance Spectroscopy Identifies Neural Progenitor Cells in the Live Human Brain". <i>Science</i> , 2008, 321, 640-640.	6.0	26
150	White Matter Lesions in Patients With Localization-Related Epilepsy. <i>Investigative Radiology</i> , 2008, 43, 552-558.	3.5	13
151	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
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