

Marion Smits

List of Publications by Year in descending order

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178
papers

12,443
citations

25034

57
h-index

29157

104
g-index

187
all docs

187
docs citations

187
times ranked

15905
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined molecular subtyping, grading, and segmentation of glioma using multi-task deep learning. <i>Neuro-Oncology</i> , 2023, 25, 279-289.	1.2	34
2	Mapping tumour heterogeneity with pulsed 3D CEST MRI in non-enhancing glioma at 3ÅT. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2022, 35, 53-62.	2.0	13
3	The impact of the Covid-19 pandemic on adult diagnostic neuroradiology in Europe. <i>Neuroradiology</i> , 2022, 64, 31-42.	2.2	2
4	Alternative language paradigms for functional magnetic resonance imaging as presurgical tools for inducing crossed cerebro-cerebellar language activations in brain tumor patients. <i>European Radiology</i> , 2022, 32, 300-307.	4.5	4
5	Brain metastases: the role of clinical imaging. <i>British Journal of Radiology</i> , 2022, 95, 20210944.	2.2	18
6	3D APT and NOE CEST-MRI of healthy volunteers and patients with non-enhancing glioma at 3ÅT. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2022, 35, 63-73.	2.0	7
7	Comparing two artificial intelligence software packages for normative brain volumetry in memory clinic imaging. <i>Neuroradiology</i> , 2022, 64, 1359-1366.	2.2	7
8	Development and external validation of a clinical prediction model for survival in patients with IDH wild-type glioblastoma. <i>Journal of Neurosurgery</i> , 2022, 137, 914-923.	1.6	7
9	Micro- to macroscale magnetic resonance imaging of glioma. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2022, 35, 1.	2.0	1
10	Prospective validation of a new imaging scorecard to assess leptomeningeal metastasis: A joint EORTC BTG and RANO effort. <i>Neuro-Oncology</i> , 2022, 24, 1726-1735.	1.2	18
11	Noninvasive differentiation of molecular subtypes of adult nonenhancing glioma using MRI perfusion and diffusion parameters. <i>Neuro-Oncology Advances</i> , 2022, 4, vdac023.	0.7	8
12	Distinct Slow-Wave Activity Patterns in Resting-State Electroencephalography and Their Relation to Language Functioning in Low-Grade Glioma and Meningioma Patients. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 748128.	2.0	2
13	The impact of different volumetric thresholds to determine progressive disease in patients with recurrent glioblastoma treated with bevacizumab. <i>Neuro-Oncology Advances</i> , 2022, 4, vdac032.	0.7	1
14	Use of Neuroimaging Techniques in Glioma Patients – Results of an International Survey on behalf of the EORTC Brain Tumor Group. <i>Nuklearmedizin - NuclearMedicine</i> , 2022, 61, .	0.7	0
15	Glioma progression is shaped by genetic evolution and microenvironment interactions. <i>Cell</i> , 2022, 185, 2184-2199.e16.	28.9	163
16	An interdisciplinary consensus on the management of brain metastases in patients with renal cell carcinoma. <i>Ca-A Cancer Journal for Clinicians</i> , 2022, 72, 454-489.	329.8	13
17	A systematic review and meta-analysis on the differentiation of glioma grade and mutational status by use of perfusion-based magnetic resonance imaging. <i>Insights Into Imaging</i> , 2022, 13, .	3.4	17
18	DeepDicomSort: An Automatic Sorting Algorithm for Brain Magnetic Resonance Imaging Data. <i>Neuroinformatics</i> , 2021, 19, 159-184.	2.8	12

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19	EANO guidelines on the diagnosis and treatment of diffuse gliomas of adulthood. <i>Nature Reviews Clinical Oncology</i> , 2021, 18, 170-186.	27.6	826
20	GliMR: Cross-Border Collaborations to Promote Advanced MRI Biomarkers for Glioma. <i>Journal of Medical and Biological Engineering</i> , 2021, 41, 115-125.	1.8	12
21	Cross-cohort generalizability of deep and conventional machine learning for MRI-based diagnosis and prediction of Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2021, 31, 102712.	2.7	42
22	From research to clinical practice: a European neuroradiological survey on quantitative advanced MRI implementation. <i>European Radiology</i> , 2021, 31, 6334-6341.	4.5	19
23	Neurocognitive functioning and radiologic changes in primary CNS lymphoma patients: results from the HOVON 105/ALLG NHL 24 randomized controlled trial. <i>Neuro-Oncology</i> , 2021, 23, 1315-1326.	1.2	9
24	Effect of Applying Leakage Correction on rCBV Measurement Derived From DSC-MRI in Enhancing and Nonenhancing Glioma. <i>Frontiers in Oncology</i> , 2021, 11, 648528.	2.8	9
25	Accelerated 3D whole-brain T1, T2, and proton density mapping: feasibility for clinical glioma MR imaging. <i>Neuroradiology</i> , 2021, 63, 1831-1851.	2.2	15
26	Update on neuroimaging in brain tumours. <i>Current Opinion in Neurology</i> , 2021, 34, 497-504.	3.6	11
27	Intraoperative B-Mode Ultrasound Guided Surgery and the Extent of Glioblastoma Resection: A Randomized Controlled Trial. <i>Frontiers in Oncology</i> , 2021, 11, 649797.	2.8	22
28	Perfusion imaging with arterial spin labeling (ASL) MRI predicts malignant progression in low-grade (WHO grade II) gliomas. <i>Neuroradiology</i> , 2021, 63, 2023-2033.	2.2	7
29	MRI biomarkers in neuro-oncology. <i>Nature Reviews Neurology</i> , 2021, 17, 486-500.	10.1	40
30	EANO-ESMO Clinical Practice Guidelines for diagnosis, treatment and follow-up of patients with brain metastasis from solid tumours. <i>Annals of Oncology</i> , 2021, 32, 1332-1347.	1.2	227
31	The Erasmus Glioma Database (EGD): Structural MRI scans, WHO 2016 subtypes, and segmentations of 774 patients with glioma. <i>Data in Brief</i> , 2021, 37, 107191.	1.0	13
32	P09.03 Fully integrating functional Ultrasound (fUS) into the onco-neurosurgical operating room: Towards a new real-time, high-resolution image-guided resection tool with multimodal potential. <i>Neuro-Oncology</i> , 2021, 23, ii26-ii27.	1.2	0
33	P14.31 Between hospital variation in timings to multidisciplinary glioblastoma care in the Dutch Brain Tumor Registry. <i>Neuro-Oncology</i> , 2021, 23, ii44-ii44.	1.2	0
34	P14.40 Trends in distribution of glioblastoma care and patients' travel distance; results from the Dutch Brain Tumor Registry. <i>Neuro-Oncology</i> , 2021, 23, ii46-ii46.	1.2	0
35	Incorporating radiomics into clinical trials: expert consensus endorsed by the European Society of Radiology on considerations for data-driven compared to biologically driven quantitative biomarkers. <i>European Radiology</i> , 2021, 31, 6001-6012.	4.5	53
36	Extent of radiological response does not reflect survival in primary central nervous system lymphoma. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab007.	0.7	7

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37	EASE: Clinical Implementation of Automated Tumor Segmentation and Volume Quantification for Adult Low-Grade Glioma. <i>Frontiers in Medicine</i> , 2021, 8, 738425.	2.6	4
38	ITVT-10. Using functional Ultrasound (fUS) for real-time, depth-resolved functional and vascular delineation of brain tumors with micrometer-millisecond precision. <i>Neuro-Oncology</i> , 2021, 23, vi230-vi230.	1.2	0
39	Dependency of R ₂ and R ₂ * relaxation on Gd-DTPA concentration in arterial blood: Influence of hematocrit and magnetic field strength. <i>NMR in Biomedicine</i> , 2021, , e4653.	2.8	3
40	Twenty Years On: RECIST as a Biomarker of Response in Solid Tumours an EORTC Imaging Group "ESOI Joint Paper. <i>Frontiers in Oncology</i> , 2021, 11, 800547.	2.8	10
41	Resting-State Electroencephalography Functional Connectivity Networks Relate to Pre- and Postoperative Language Functioning in Low-Grade Glioma and Meningioma Patients. <i>Frontiers in Neuroscience</i> , 2021, 15, 785969.	2.8	3
42	Survival of diffuse astrocytic glioma, IDH1/2 wildtype, with molecular features of glioblastoma, WHO grade IV: a confirmation of the cIMPACT-NOW criteria. <i>Neuro-Oncology</i> , 2020, 22, 515-523.	1.2	140
43	INTELLANCE 2/EORTC 1410 randomized phase II study of Depatux-M alone and with temozolomide vs temozolomide or lomustine in recurrent EGFR amplified glioblastoma. <i>Neuro-Oncology</i> , 2020, 22, 684-693.	1.2	126
44	Change in Right Inferior Longitudinal Fasciculus Integrity Is Associated With Naming Recovery in Subacute Poststroke Aphasia. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 784-794.	2.9	15
45	The Association Between the Extent of Glioblastoma Resection and Survival in Light of MGMT Promoter Methylation in 326 Patients With Newly Diagnosed IDH-Wildtype Glioblastoma. <i>Frontiers in Oncology</i> , 2020, 10, 1087.	2.8	22
46	Response to Letter to Editor. <i>Neuro-Oncology</i> , 2020, 22, 1706-1707.	1.2	1
47	Neuro4Neuro: A neural network approach for neural tract segmentation using large-scale population-based diffusion imaging. <i>NeuroImage</i> , 2020, 218, 116993.	4.2	26
48	Topographical Mapping of 436 Newly Diagnosed IDH Wildtype Glioblastoma With vs. Without MGMT Promoter Methylation. <i>Frontiers in Oncology</i> , 2020, 10, 596.	2.8	13
49	Impact of the COVID-19 crisis on imaging in oncological trials. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2054-2058.	6.4	11
50	Consensus recommendations for a dynamic susceptibility contrast MRI protocol for use in high-grade gliomas. <i>Neuro-Oncology</i> , 2020, 22, 1262-1275.	1.2	109
51	Clinical practice of language fMRI in epilepsy centers: a European survey and conclusions by the ESNR Epilepsy Working Group. <i>Neuroradiology</i> , 2020, 62, 549-562.	2.2	9
52	iGLASS: imaging integration into the Glioma Longitudinal Analysis Consortium. <i>Neuro-Oncology</i> , 2020, 22, 1545-1546.	1.2	12
53	Consensus recommendations for a standardized brain tumor imaging protocol for clinical trials in brain metastases. <i>Neuro-Oncology</i> , 2020, 22, 757-772.	1.2	131
54	Real world use of a highly reliable imaging sign: T2-FLAIR mismatch for identification of IDH mutant astrocytomas. <i>Neuro-Oncology</i> , 2020, 22, 936-943.	1.2	77

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55	Letter to the Editor. Supratotal resection of glioblastoma. Journal of Neurosurgery, 2020, 132, 980-982.	1.6	5
56	Imaging of Brain Metastases: Diagnosis and Monitoring. , 2020, , 145-158.		3
57	The Path Forward: The Standardized Brain Tumor Imaging Protocol (BTIP) for Multicenter Trials. , 2020, , 267-282.		0
58	Changes in language white matter tract microarchitecture associated with cognitive deficits in patients with presumed low-grade glioma. Journal of Neurosurgery, 2019, 130, 1538-1546.	1.6	19
59	Value of MRI in medicine: More than just another test?. Journal of Magnetic Resonance Imaging, 2019, 49, e14-e25.	3.4	78
60	Differences in spatial distribution between WHO 2016 low-grade glioma molecular subgroups. Neuro-Oncology Advances, 2019, 1, vdz001.	0.7	9
61	Training-induced white matter microstructure changes in survivors of neonatal critical illness: A randomized controlled trial. Developmental Cognitive Neuroscience, 2019, 38, 100678.	4.0	11
62	OS9.4 The added value of radiomics to a clinical prognostic model in patients with low-grade glioma. Neuro-Oncology, 2019, 21, iii19-iii19.	1.2	0
63	Validated imaging biomarkers as decision-making tools in clinical trials and routine practice: current status and recommendations from the EIBALL* subcommittee of the European Society of Radiology (ESR). Insights Into Imaging, 2019, 10, 87.	3.4	61
64	Predicting the 1p/19q Codeletion Status of Presumed Low-Grade Glioma with an Externally Validated Machine Learning Algorithm. Clinical Cancer Research, 2019, 25, 7455-7462.	7.0	70
65	The RANO Leptomeningeal Metastasis Group proposal to assess response to treatment: lack of feasibility and clinical utility and a revised proposal. Neuro-Oncology, 2019, 21, 648-658.	1.2	90
66	Association Between Supratotal Glioblastoma Resection and Patient Survival: A Systematic Review and Meta-Analysis. World Neurosurgery, 2019, 127, 617-624.e2.	1.3	36
67	Repeatability and reproducibility of relative cerebral blood volume measurement of recurrent glioma in a multicentre trial setting. European Journal of Cancer, 2019, 114, 89-96.	2.8	18
68	Dementia imaging in clinical practice: a European-wide survey of 193 centres and conclusions by the ESNR working group. Neuroradiology, 2019, 61, 633-642.	2.2	50
69	Exploring quantitative group-wise differentiation of Alzheimer's disease and behavioural variant frontotemporal dementia using tract-specific microstructural white matter and functional connectivity measures at multiple time points. European Radiology, 2019, 29, 5148-5159.	4.5	5
70	Exploring new landmarks: analysis of Twitter usage during the 41st ESNR Annual Meeting. Neuroradiology, 2019, 61, 621-626.	2.2	6
71	Inter-rater agreement in glioma segmentations on longitudinal MRI. NeuroImage: Clinical, 2019, 22, 101727.	2.7	75
72	Longitudinal molecular trajectories of diffuse glioma in adults. Nature, 2019, 576, 112-120.	27.8	320

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73	Qualitative Assessment of Longitudinal Changes in Phenocopy Frontotemporal Dementia. <i>Frontiers in Neurology</i> , 2019, 10, 1207.	2.4	4
74	Perfusion MRI in treatment evaluation of glioblastomas: Clinical relevance of current and future techniques. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 11-22.	3.4	75
75	Functional Ultrasound (fUS) During Awake Brain Surgery: The Clinical Potential of Intra-Operative Functional and Vascular Brain Mapping. <i>Frontiers in Neuroscience</i> , 2019, 13, 1384.	2.8	61
76	Spontaneous speech in patients with gliomas in eloquent areas: Evaluation until 1 year after surgery. <i>Clinical Neurology and Neurosurgery</i> , 2018, 167, 112-116.	1.4	23
77	Glioma through the looking GLASS: molecular evolution of diffuse gliomas and the Glioma Longitudinal Analysis Consortium. <i>Neuro-Oncology</i> , 2018, 20, 873-884.	1.2	119
78	Glioma imaging in Europe: A survey of 220 centres and recommendations for best clinical practice. <i>European Radiology</i> , 2018, 28, 3306-3317.	4.5	149
79	The T2-FLAIR mismatch sign as an imaging marker for non-enhancing IDH-mutant, 1p/19q-intact lower-grade glioma: a validation study. <i>Neuro-Oncology</i> , 2018, 20, 1393-1399.	1.2	139
80	Language lateralisation after Melodic Intonation Therapy: an fMRI study in subacute and chronic aphasia. <i>Aphasiology</i> , 2018, 32, 765-783.	2.2	12
81	Variability of physiological brain perfusion in healthy subjects – A systematic review of modifiers. Considerations for multi-center ASL studies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1418-1437.	4.3	84
82	The impact of surgery in molecularly defined low-grade glioma: an integrated clinical, radiological, and molecular analysis. <i>Neuro-Oncology</i> , 2018, 20, 103-112.	1.2	220
83	Aortic stiffness and brain integrity in elderly patients with cognitive and functional complaints. <i>Clinical Interventions in Aging</i> , 2018, Volume 13, 2161-2167.	2.9	9
84	The Impacts of Tumor and Tumor Associated Epilepsy on Subcortical Brain Structures and Long Distance Connectivity in Patients With Low Grade Glioma. <i>Frontiers in Neurology</i> , 2018, 9, 1004.	2.4	11
85	Effects of systematic partial volume errors on the estimation of gray matter cerebral blood flow with arterial spin labeling MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2018, 31, 725-734.	2.0	20
86	Clinical Feasibility of a Wearable Mixed-Reality Device in Neurosurgery. <i>World Neurosurgery</i> , 2018, 118, e422-e427.	1.3	129
87	Pseudoprogression of brain tumors. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 571-589.	3.4	199
88	Automatic normative quantification of brain tissue volume to support the diagnosis of dementia: A clinical evaluation of diagnostic accuracy. <i>NeuroImage: Clinical</i> , 2018, 20, 374-379.	2.7	25
89	Bevacizumab and temozolomide in patients with first recurrence of WHO grade II and III glioma, without 1p/19q co-deletion (TAVAREC): a randomised controlled phase 2 EORTC trial. <i>Lancet Oncology</i> , 2018, 19, 1170-1179.	10.7	80
90	Comparison of 2D (RANO) and volumetric methods for assessment of recurrent glioblastoma treated with bevacizumab – a report from the BELOB trial. <i>Neuro-Oncology</i> , 2017, 19, 853-861.	1.2	34

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91	Differential Hemispheric Predilection of Microstructural White Matter and Functional Connectivity Abnormalities between Respectively Semantic and Behavioral Variant Frontotemporal Dementia. Journal of Alzheimer's Disease, 2017, 56, 789-804.	2.6	13
92	Qualitative agreement and diagnostic performance of arterial spin labelling MRI and FDG PET-CT in suspected early-stage dementia. Clinical Imaging, 2017, 45, 1-7.	1.5	7
93	Multiparametric computer-aided differential diagnosis of Alzheimer's disease and frontotemporal dementia using structural and advanced MRI. European Radiology, 2017, 27, 3372-3382.	4.5	64
94	The effect of hippocampal function, volume and connectivity on posterior cingulate cortex functioning during episodic memory fMRI in mild cognitive impairment. European Radiology, 2017, 27, 3716-3724.	4.5	28
95	Imaging Correlates of Adult Glioma Genotypes. Radiology, 2017, 284, 316-331.	7.3	160
96	Neurobiologic Correlates of Attention and Memory Deficits Following Critical Illness in Early Life*. Critical Care Medicine, 2017, 45, 1742-1750.	0.9	21
97	Diffusion MRI Phenotypes Predict Overall Survival Benefit from Anti-VEGF Monotherapy in Recurrent Glioblastoma: Converging Evidence from Phase II Trials. Clinical Cancer Research, 2017, 23, 5745-5756.	7.0	53
98	Functional connectivity and microstructural white matter changes in phenocopy frontotemporal dementia. European Radiology, 2017, 27, 1352-1360.	4.5	20
99	Neonatal critical illness and development: white matter and hippocampus alterations in school-age neonatal extracorporeal membrane oxygenation survivors. Developmental Medicine and Child Neurology, 2017, 59, 304-310.	2.1	28
100	Differential Effects of Awake Glioma Surgery in "Critical" Language Areas on Cognition: 4 Case Studies. Case Reports in Neurological Medicine, 2017, 2017, 1-10.	0.4	5
101	Diffuse Infiltrating Oligodendroglioma and Astrocytoma. Journal of Clinical Oncology, 2017, 35, 2394-2401.	1.6	142
102	Final results of the EORTC Brain Tumor Group randomized phase II TAVAREC trial on temozolomide with or without bevacizumab in 1st recurrence grade II/III glioma without 1p/19q co-deletion. Journal of Clinical Oncology, 2017, 35, 2009-2009.	1.6	8
103	Concurrent white and gray matter degeneration of disease-specific networks in early-stage Alzheimer's disease and behavioral variant frontotemporal dementia. Neurobiology of Aging, 2016, 43, 119-128.	3.1	16
104	Out-of-Body Experience During Awake Craniotomy. World Neurosurgery, 2016, 92, 586.e9-586.e13.	1.3	15
105	8-week Mindfulness Based Stress Reduction induces brain changes similar to traditional long-term meditation practice " A systematic review. Brain and Cognition, 2016, 108, 32-41.	1.8	215
106	Structural and functional brain abnormalities place phenocopy frontotemporal dementia (FTD) in the FTD spectrum. Neurolmage: Clinical, 2016, 11, 595-605.	2.7	18
107	Magnetic Resonance Imaging-Based Assessment of Gadolinium-Conjugated Diethylenetriamine Penta-Acetic Acid Test-Infusion in Detecting Dysfunction of Convection-Enhanced Delivery Catheters. World Neurosurgery, 2016, 89, 272-279.	1.3	11
108	Imaging of oligodendroglioma. British Journal of Radiology, 2016, 89, 20150857.	2.2	126

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109	Early-stage differentiation between presenile Alzheimer's disease and frontotemporal dementia using arterial spin labeling MRI. <i>European Radiology</i> , 2016, 26, 244-253.	4.5	61
110	Feature Selection Based on the SVM Weight Vector for Classification of Dementia. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2015, 19, 1617-1626.	6.3	100
111	Recommended implementation of arterial spin-labeled perfusion MRI for clinical applications: A consensus of the ISMRM perfusion study group and the European consortium for ASL in dementia. <i>Magnetic Resonance in Medicine</i> , 2015, 73, spcone.	3.0	19
112	Standardized evaluation of algorithms for computer-aided diagnosis of dementia based on structural MRI: The CADDementia challenge. <i>NeuroImage</i> , 2015, 111, 562-579.	4.2	266
113	Recommended implementation of arterial spin-labeled perfusion MRI for clinical applications: A consensus of the ISMRM perfusion study group and the European consortium for ASL in dementia. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 102-116.	3.0	1,663
114	Crossed Cerebrocerebellar Language Lateralization: An Additional Diagnostic Feature for Assessing Atypical Language Representation in Presurgical Functional MR Imaging. <i>American Journal of Neuroradiology</i> , 2015, 36, 518-524.	2.4	25
115	Reproducibility of pharmacological ASL using sequences from different vendors: implications for multicenter drug studies. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2015, 28, 427-436.	2.0	9
116	The impact of bevacizumab on health-related quality of life in patients treated for recurrent glioblastoma: Results of the randomised controlled phase 2 BELOB trial. <i>European Journal of Cancer</i> , 2015, 51, 1321-1330.	2.8	45
117	Consensus recommendations for a standardized Brain Tumor Imaging Protocol in clinical trials. <i>Neuro-Oncology</i> , 2015, 17, 1188-98.	1.2	346
118	A neuroradiologist's guide to arterial spin labeling MRI in clinical practice. <i>Neuroradiology</i> , 2015, 57, 1181-1202.	2.2	216
119	Quantitative Functional Arterial Spin Labeling (fASL) MRI – Sensitivity and Reproducibility of Regional CBF Changes Using Pseudo-Continuous ASL Product Sequences. <i>PLoS ONE</i> , 2015, 10, e0132929.	2.5	20
120	Feature Selection Based on SVM Significance Maps for Classification of Dementia. <i>Lecture Notes in Computer Science</i> , 2014, , 272-279.	1.3	12
121	Cerebral small vessel disease affects white matter microstructure in mild cognitive impairment. <i>Human Brain Mapping</i> , 2014, 35, 2836-2851.	3.6	59
122	Grapheme-color synesthesia interferes with color perception in a standard Stroop task. <i>Neuroscience</i> , 2014, 258, 246-253.	2.3	6
123	Long-term evaluation of cognition after glioma surgery in eloquent areas. <i>Journal of Neuro-Oncology</i> , 2014, 116, 153-160.	2.9	98
124	Diagnostic classification of arterial spin labeling and structural MRI in presenile early stage dementia. <i>Human Brain Mapping</i> , 2014, 35, 4916-4931.	3.6	80
125	Insight into the neurophysiological processes of melodically intoned language with functional MRI. <i>Brain and Behavior</i> , 2014, 4, 615-625.	2.2	12
126	White Matter Tracts of Speech and Language. <i>Seminars in Ultrasound, CT and MRI</i> , 2014, 35, 504-516.	1.5	36

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127	Inter-Vendor Reproducibility of Pseudo-Continuous Arterial Spin Labeling at 3 Tesla. <i>PLoS ONE</i> , 2014, 9, e104108.	2.5	66
128	Cerebellar Activation Related to Saccadic Inaccuracies. <i>Cerebellum</i> , 2013, 12, 224-235.	2.5	12
129	Spontaneous speech of patients with gliomas in eloquent areas before and early after surgery. <i>Acta Neurochirurgica</i> , 2013, 155, 685-692.	1.7	36
130	The influence of cerebral small vessel disease on default mode network deactivation in mild cognitive impairment. <i>NeuroImage: Clinical</i> , 2013, 2, 33-42.	2.7	36
131	The role of dopamine in inhibitory control in smokers and non-smokers: A pharmacological fMRI study. <i>European Neuropsychopharmacology</i> , 2013, 23, 1247-1256.	0.7	52
132	Feedback processing in schizophrenia: Effects of affective value and remedial action. <i>Psychiatry Research - Neuroimaging</i> , 2013, 213, 108-114.	1.8	3
133	Individual Differences in Anterior Cingulate Activation Associated with Attentional Bias Predict Cocaine Use After Treatment. <i>Neuropsychopharmacology</i> , 2013, 38, 1085-1093.	5.4	90
134	Neurophysiological correlates of anhedonia in feedback processing. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 96.	2.0	10
135	Sentential Context Modulates the Involvement of the Motor Cortex in Action Language Processing: An fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 100.	2.0	44
136	Fast parallel image registration on CPU and GPU for diagnostic classification of Alzheimer's disease. <i>Frontiers in Neuroinformatics</i> , 2013, 7, 50.	2.5	359
137	Brain Activation Associated with Attentional Bias in Smokers is Modulated by a Dopamine Antagonist. <i>Neuropsychopharmacology</i> , 2012, 37, 2772-2779.	5.4	33
138	Increased rCBV in status epilepticus. <i>Journal of Neurology</i> , 2012, 259, 1746-1748.	3.6	1
139	Decreased Relative Contribution to Language Processing of the Right Hemisphere after Language Therapy Assessed with fMRI in Chronic Aphasia Patients. <i>Procedia, Social and Behavioral Sciences</i> , 2012, 61, 20-21.	0.5	1
140	Cognitive functioning early after surgery of gliomas in eloquent areas. <i>Journal of Neurosurgery</i> , 2012, 117, 831-838.	1.6	88
141	The clinical and pathological phenotype of C9ORF72 hexanucleotide repeat expansions. <i>Brain</i> , 2012, 135, 723-735.	7.6	249
142	Advanced Magnetic Resonance Neuroimaging of Language Function Recovery After Aphasic Stroke: A Technical Review. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012, 93, S4-S14.	0.9	20
143	Structural Neuroimaging in Aging and Alzheimer's Disease. <i>Neuroimaging Clinics of North America</i> , 2012, 22, 33-55.	1.0	29
144	The neuronal correlates of mirror therapy: an fMRI study on mirror induced visual illusions in patients with stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 393-398.	1.9	107

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145	The anterior cingulate cortex responds differently to the validity and valence of feedback in a time-estimation task. <i>NeuroImage</i> , 2011, 56, 2321-2328.	4.2	29
146	Remedial action and feedback processing in a time-estimation task: Evidence for a role of the rostral cingulate zone in behavioral adjustments without learning. <i>NeuroImage</i> , 2011, 54, 447-454.	4.2	16
147	Neurobiological substrate of smoking-related attentional bias. <i>NeuroImage</i> , 2011, 54, 2374-2381.	4.2	94
148	Motor Recovery and Cortical Reorganization After Mirror Therapy in Chronic Stroke Patients. <i>Neurorehabilitation and Neural Repair</i> , 2011, 25, 223-233.	2.9	290
149	Functional Magnetic Resonance Imaging to Determine Hemispheric Language Dominance Prior to Carotid Endarterectomy. , 2011, 21, e162-e165.		1
150	Microstructural brain injury in post-concussion syndrome after minor head injury. <i>Neuroradiology</i> , 2011, 53, 553-563.	2.2	125
151	Prediction of intracranial findings on CT-scans by alternative modelling techniques. <i>BMC Medical Research Methodology</i> , 2011, 11, 143.	3.1	15
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