Marion Smits

List of Publications by Year
in descending order

178	12,443	28736 57	33145 104
papers	citations	h-index	g-index

187	187	187	17366
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Combined molecular subtyping, grading, and segmentation of glioma using multi-task deep learning. Neuro-Oncology, 2023, 25, 279-289.	0.6	34
2	Mapping tumour heterogeneity with pulsed 3D CEST MRI in non-enhancing glioma at 3ÂT. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2022, 35, 53-62.	1.1	13
3	The impact of the Covid-19 pandemic on adult diagnostic neuroradiology in Europe. Neuroradiology, 2022, 64, 31-42.	1.1	2
4	Alternative language paradigms for functional magnetic resonance imaging as presurgical tools for inducing crossed cerebro-cerebellar language activations in brain tumor patients. European Radiology, 2022, 32, 300-307.	2.3	4
5	Brain metastases: the role of clinical imaging. British Journal of Radiology, 2022, 95, 20210944.	1.0	18
6	3D APT and NOE CEST-MRI of healthy volunteers and patients with non-enhancing glioma at 3ÂT. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2022, 35, 63-73.	1.1	7
7	Comparing two artificial intelligence software packages for normative brain volumetry in memory clinic imaging. Neuroradiology, 2022, 64, 1359-1366.	1.1	7
8	Development and external validation of a clinical prediction model for survival in patients with IDH wild-type glioblastoma. Journal of Neurosurgery, 2022, 137, 914-923.	0.9	7
9	Micro- to macroscale magnetic resonance imaging of glioma. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2022, 35, 1.	1.1	1
10	Prospective validation of a new imaging scorecard to assess leptomeningeal metastasis: A joint EORTC BTG and RANO effort. Neuro-Oncology, 2022, 24, 1726-1735.	0.6	18
11	Noninvasive differentiation of molecular subtypes of adult nonenhancing glioma using MRI perfusion and diffusion parameters. Neuro-Oncology Advances, 2022, 4, vdac023.	0.4	8
12	Distinct Slow-Wave Activity Patterns in Resting-State Electroencephalography and Their Relation to Language Functioning in Low-Grade Glioma and Meningioma Patients. Frontiers in Human Neuroscience, 2022, 16, 748128.	1.0	2
13	The impact of different volumetric thresholds to determine progressive disease in patients with recurrent glioblastoma treated with bevacizumab. Neuro-Oncology Advances, 2022, 4, vdac032.	0.4	1
14	Use of Neuroimaging Techniques in Glioma Patients â€“ Results of an International Survey on behalf of the EORTC Brain Tumor Group. Nuklearmedizin - NuclearMedicine, 2022, 61, .	0.3	0
15	Glioma progression is shaped by genetic evolution and microenvironment interactions. Cell, 2022, 185, 2184-2199.e16.	13.5	163
16	An interdisciplinary consensus on the management of brain metastases in patients with renal cell carcinoma. Ca-A Cancer Journal for Clinicians, 2022, 72, 454-489.	157.7	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. Insights Into Imaging, 2022, 13, .	1.6	17
18	DeepDicomSort: An Automatic Sorting Algorithm for Brain Magnetic Resonance Imaging Data. Neuroinformatics, 2021, 19, 159-184.	1.5	12

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19	EANO guidelines on the diagnosis and treatment of diffuse gliomas of adulthood. Nature Reviews Clinical Oncology, 2021, 18, 170-186.	12.5	826
20	GliMR: Cross-Border Collaborations to Promote Advanced MRI Biomarkers for Glioma. Journal of Medical and Biological Engineering, 2021, 41, 115-125.	1.0	12
21	Cross-cohort generalizability of deep and conventional machine learning for MRI-based diagnosis and prediction of Alzheimerâ€™s disease. NeuroImage: Clinical, 2021, 31, 102712.	1.4	42
22	From research to clinical practice: a European neuroradiological survey on quantitative advanced MRI implementation. European Radiology, 2021, 31, 6334-6341.	2.3	19
23	Neurocognitive functioning and radiologic changes in primary CNS lymphoma patients: results from the HOVON 105/ALLG NHL 24 randomized controlled trial. Neuro-Oncology, 2021, 23, 1315-1326.	0.6	9
24	Effect of Applying Leakage Correction on rCBV Measurement Derived From DSC-MRI in Enhancing and Nonenhancing Glioma. Frontiers in Oncology, 2021, 11, 648528.	1.3	9
25	Accelerated 3D whole-brain T1, T2, and proton density mapping: feasibility for clinical glioma MR imaging. Neuroradiology, 2021, 63, 1831-1851.	1.1	15
26	Update on neuroimaging in brain tumours. Current Opinion in Neurology, 2021, 34, 497-504.	1.8	11
27	Intraoperative B-Mode Ultrasound Guided Surgery and the Extent of Glioblastoma Resection: A Randomized Controlled Trial. Frontiers in Oncology, 2021, 11, 649797.	1.3	22
28	Perfusion imaging with arterial spin labeling (ASL)â€“MRI predicts malignant progression in lowâ€‘grade (WHO grade II) gliomas. Neuroradiology, 2021, 63, 2023-2033.	1.1	7
29	MRI biomarkers in neuro-oncology. Nature Reviews Neurology, 2021, 17, 486-500.	4.9	40
30	EANOâ€“ESMO Clinical Practice Guidelines for diagnosis, treatment and follow-up of patients with brain metastasis from solid tumours. Annals of Oncology, 2021, 32, 1332-1347.	0.6	227
31	The Erasmus Glioma Database (EGD): Structural MRI scans, WHO 2016 subtypes, and segmentations of 774 patients with glioma. Data in Brief, 2021, 37, 107191.	0.5	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. Neuro-Oncology, 2021, 23, ii26-ii27.	0.6	0
33	P14.31 Between hospital variation in timings to multidisciplinary glioblastoma care in the Dutch Brain Tumor Registry. Neuro-Oncology, 2021, 23, ii44-ii44.	0.6	0
34	P14.40 Trends in distribution of glioblastoma care and patientâ€™s travel distance; results from the Dutch Brain Tumor Registry. Neuro-Oncology, 2021, 23, ii46-ii46.	0.6	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. European Radiology, 2021, 31, 6001-6012.	2.3	53
36	Extent of radiological response does not reflect survival in primary central nervous system lymphoma. Neuro-Oncology Advances, 2021, 3, vdab007.	0.4	7

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37	EASE: Clinical Implementation of Automated Tumor Segmentation and Volume Quantification for Adult Low-Grade Glioma. Frontiers in Medicine, 2021, 8, 738425.	1.2	4
38	ITVT-10. Using functional Ultrasound (fUS) for real-time, depth-resolved functional and vascular delineation of brain tumors with micrometer-millisecond precision. Neuro-Oncology, 2021, 23, vi230-vi230.	0.6	0
39	Dependency of R 2 and R 2 * relaxation on Gdâ€DTPA concentration in arterial blood: Influence of hematocrit and magnetic field strength. NMR in Biomedicine, 2021, , e4653.	1.6	3
40	Twenty Years On: RECIST as a Biomarker of Response in Solid Tumours an EORTC Imaging Group â€“ ESOI Joint Paper. Frontiers in Oncology, 2021, 11, 800547.	1.3	10
41	Resting-State Electroencephalography Functional Connectivity Networks Relate to Pre- and Postoperative Language Functioning in Low-Grade Glioma and Meningioma Patients. Frontiers in Neuroscience, 2021, 15, 785969.	1.4	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. Neuro-Oncology, 2020, 22, 515-523.	0.6	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. Neuro-Oncology, 2020, 22, 684-693.	0.6	126
44	Change in Right Inferior Longitudinal Fasciculus Integrity Is Associated With Naming Recovery in Subacute Poststroke Aphasia. Neurorehabilitation and Neural Repair, 2020, 34, 784-794.	1.4	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. Frontiers in Oncology, 2020, 10, 1087.	1.3	22
46	Response to Letter to Editor. Neuro-Oncology, 2020, 22, 1706-1707.	0.6	1
47	Neuro4Neuro: A neural network approach for neural tract segmentation using large-scale population-based diffusion imaging. NeuroImage, 2020, 218, 116993.	2.1	26
48	Topographical Mapping of 436 Newly Diagnosed IDH Wildtype Glioblastoma With vs. Without MGMT Promoter Methylation. Frontiers in Oncology, 2020, 10, 596.	1.3	13
49	Impact of the COVID-19 crisis on imaging in oncological trials. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 2054-2058.	3.3	11
50	Consensus recommendations for a dynamic susceptibility contrast MRI protocol for use in high-grade gliomas. Neuro-Oncology, 2020, 22, 1262-1275.	0.6	109
51	Clinical practice of language fMRI in epilepsy centers: a European survey and conclusions by the ESNR Epilepsy Working Group. Neuroradiology, 2020, 62, 549-562.	1.1	9
52	iGLASS: imaging integration into the Glioma Longitudinal Analysis Consortium. Neuro-Oncology, 2020, 22, 1545-1546.	0.6	12
53	Consensus recommendations for a standardized brain tumor imaging protocol for clinical trials in brain metastases. Neuro-Oncology, 2020, 22, 757-772.	0.6	131
54	â€œReal worldâ€•use of a highly reliable imaging sign: â€œT2-FLAIR mismatchâ€•for identification of IDH mutant astrocytomas. Neuro-Oncology, 2020, 22, 936-943.	0.6	77

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55	Letter to the Editor. Supratotal resection of glioblastoma. Journal of Neurosurgery, 2020, 132, 980-982.	0.9	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.	0.9	19
59	Value of MRI in medicine: More than just another test?. Journal of Magnetic Resonance Imaging, 2019, 49, e14-e25.	1.9	78
60	Differences in spatial distribution between WHO 2016 low-grade glioma molecular subgroups. Neuro-Oncology Advances, 2019, 1, vdz001.	0.4	9
61	Training-induced white matter microstructure changes in survivors of neonatal critical illness: A randomized controlled trial. Developmental Cognitive Neuroscience, 2019, 38, 100678.	1.9	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.	0.6	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.	1.6	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.	3.2	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.	0.6	90
66	Association Between Supratotal Glioblastoma Resection and Patient Survival: A Systematic Review and Meta-Analysis. World Neurosurgery, 2019, 127, 617-624.e2.	0.7	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.	1.3	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.	1.1	50
69	Exploring quantitative group-wise differentiation of Alzheimerâ€™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.	2.3	5
70	Exploring new landmarks: analysis of Twitter usage during the 41st ESNR Annual Meeting. Neuroradiology, 2019, 61, 621-626.	1.1	6
71	Inter-rater agreement in glioma segmentations on longitudinal MRI. NeuroImage: Clinical, 2019, 22, 101727.	1.4	75
72	Longitudinal molecular trajectories of diffuse glioma in adults. Nature, 2019, 576, 112-120.	13.7	320

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73	Qualitative Assessment of Longitudinal Changes in Phenocopy Frontotemporal Dementia. Frontiers in Neurology, 2019, 10, 1207.	1.1	4
74	Perfusion MRI in treatment evaluation of glioblastomas: Clinical relevance of current and future techniques. Journal of Magnetic Resonance Imaging, 2019, 49, 11-22.	1.9	75
75	Functional Ultrasound (fUS) During Awake Brain Surgery: The Clinical Potential of Intra-Operative Functional and Vascular Brain Mapping. Frontiers in Neuroscience, 2019, 13, 1384.	1.4	61
76	Spontaneous speech in patients with gliomas in eloquent areas: Evaluation until 1 year after surgery. Clinical Neurology and Neurosurgery, 2018, 167, 112-116.	0.6	23
77	Glioma through the looking GLASS: molecular evolution of diffuse gliomas and the Glioma Longitudinal Analysis Consortium. Neuro-Oncology, 2018, 20, 873-884.	0.6	119
78	Glioma imaging in Europe: A survey of 220 centres and recommendations for best clinical practice. European Radiology, 2018, 28, 3306-3317.	2.3	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. Neuro-Oncology, 2018, 20, 1393-1399.	0.6	139
80	Language lateralisation after Melodic Intonation Therapy: an fMRI study in subacute and chronic aphasia. Aphasiology, 2018, 32, 765-783.	1.4	12
81	Variability of physiological brain perfusion in healthy subjects â€“ A systematic review of modifiers. Considerations for multi-center ASL studies. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1418-1437.	2.4	84
82	The impact of surgery in molecularly defined low-grade glioma: an integrated clinical, radiological, and molecular analysis. Neuro-Oncology, 2018, 20, 103-112.	0.6	220
83	Aortic stiffness and brain integrity in elderly patients with cognitive and functional complaints. Clinical Interventions in Aging, 2018, Volume 13, 2161-2167.	1.3	9
84	The Impacts of Tumor and Tumor Associated Epilepsy on Subcortical Brain Structures and Long Distance Connectivity in Patients With Low Grade Glioma. Frontiers in Neurology, 2018, 9, 1004.	1.1	11
85	Effects of systematic partial volume errors on the estimation of gray matter cerebral blood flow with arterial spin labeling MRI. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2018, 31, 725-734.	1.1	20
86	Clinical Feasibility of a Wearable Mixed-Reality Device in Neurosurgery. World Neurosurgery, 2018, 118, e422-e427.	0.7	129
87	Pseudoprogression of brain tumors. Journal of Magnetic Resonance Imaging, 2018, 48, 571-589.	1.9	199
88	Automatic normative quantification of brain tissue volume to support the diagnosis of dementia: A clinical evaluation of diagnostic accuracy. NeuroImage: Clinical, 2018, 20, 374-379.	1.4	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. Lancet Oncology, The, 2018, 19, 1170-1179.	5.1	80
90	Comparison of 2D (RANO) and volumetric methods for assessment of recurrent glioblastoma treated with bevacizumabâ€"a report from the BELOB trial. Neuro-Oncology, 2017, 19, 853-861.	0.6	34

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91	Differential Hemispheric Predilection ofÂMicrostructural White Matter andÂFunctional Connectivity Abnormalities between Respectively Semantic andÂBehavioral Variant Frontotemporal Dementia. Journal of Alzheimer's Disease, 2017, 56, 789-804.	1.2	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.	0.8	7
93	Multiparametric computer-aided differential diagnosis of Alzheimerâ€™s disease and frontotemporal dementia using structural and advanced MRI. European Radiology, 2017, 27, 3372-3382.	2.3	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.	2.3	28
95	Imaging Correlates of Adult Glioma Genotypes. Radiology, 2017, 284, 316-331.	3.6	160
96	Neurobiologic Correlates of Attention and Memory Deficits Following Critical Illness in Early Life*. Critical Care Medicine, 2017, 45, 1742-1750.	0.4	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.	3.2	53
98	Functional connectivity and microstructural white matter changes in phenocopy frontotemporal dementia. European Radiology, 2017, 27, 1352-1360.	2.3	20
99	Neonatal critical illness and development: white matter and hippocampus alterations in schoolâ€age neonatal extracorporeal membrane oxygenation survivors. Developmental Medicine and Child Neurology, 2017, 59, 304-310.	1.1	28
100	Differential Effects of Awake Glioma Surgery in â€œCriticalâ€•Language Areas on Cognition: 4 Case Studies. Case Reports in Neurological Medicine, 2017, 2017, 1-10.	0.3	5
101	Diffuse Infiltrating Oligodendroglioma and Astrocytoma. Journal of Clinical Oncology, 2017, 35, 2394-2401.	0.8	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.	0.8	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.	1.5	16
104	Out-of-Body Experience During Awake Craniotomy. World Neurosurgery, 2016, 92, 586.e9-586.e13.	0.7	15
105	8-week Mindfulness Based Stress Reduction induces brain changes similar to traditional long-term meditation practice â€“ A systematic review. Brain and Cognition, 2016, 108, 32-41.	0.8	215
106	Structural and functional brain abnormalities place phenocopy frontotemporal dementia (FTD) in the FTD spectrum. NeuroImage: Clinical, 2016, 11, 595-605.	1.4	18
107	Magnetic Resonance Imagingâ€“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.	0.7	11
108	Imaging of oligodendroglioma. British Journal of Radiology, 2016, 89, 20150857.	1.0	126

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109	Early-stage differentiation between presenile Alzheimerâ€™s disease and frontotemporal dementia using arterial spin labeling MRI. European Radiology, 2016, 26, 244-253.	2.3	61
110	Feature Selection Based on the SVM Weight Vector for Classification of Dementia. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 1617-1626.	3.9	100
111	Recommended implementation of arterial spinâ€labeled perfusion MRI for clinical applications: A consensus of the ISMRM perfusion study group and the European consortium for ASL in dementia. Magnetic Resonance in Medicine, 2015, 73, spcone.	1.9	19
112	Standardized evaluation of algorithms for computer-aided diagnosis of dementia based on structural MRI: The CADDementia challenge. NeuroImage, 2015, 111, 562-579.	2.1	266
113	Recommended implementation of arterial spinâ€labeled perfusion MRI for clinical applications: A consensus of the ISMRM perfusion study group and the European consortium for ASL in dementia. Magnetic Resonance in Medicine, 2015, 73, 102-116.	1.9	1,663
114	Crossed Cerebrocerebellar Language Lateralization: An Additional Diagnostic Feature for Assessing Atypical Language Representation in Presurgical Functional MR Imaging. American Journal of Neuroradiology, 2015, 36, 518-524.	1.2	25
115	Reproducibility of pharmacological ASL using sequences from different vendors: implications for multicenter drug studies. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2015, 28, 427-436.	1.1	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. European Journal of Cancer, 2015, 51, 1321-1330.	1.3	45
117	Consensus recommendations for a standardized Brain Tumor Imaging Protocol in clinical trials. Neuro-Oncology, 2015, 17, 1188-98.	0.6	346
118	A neuroradiologistâ€™s guide to arterial spin labeling MRI in clinical practice. Neuroradiology, 2015, 57, 1181-1202.	1.1	216
119	Quantitative Functional Arterial Spin Labeling (fASL) MRI â€“ Sensitivity and Reproducibility of Regional CBF Changes Using Pseudo-Continuous ASL Product Sequences. PLoS ONE, 2015, 10, e0132929.	1.1	20
120	Feature Selection Based on SVM Significance Maps for Classification of Dementia. Lecture Notes in Computer Science, 2014, , 272-279.	1.0	12
121	Cerebral small vessel disease affects white matter microstructure in mild cognitive impairment. Human Brain Mapping, 2014, 35, 2836-2851.	1.9	59
122	Grapheme-color synesthesia interferes with color perception in a standard Stroop task. Neuroscience, 2014, 258, 246-253.	1.1	6
123	Long-term evaluation of cognition after glioma surgery in eloquent areas. Journal of Neuro-Oncology, 2014, 116, 153-160.	1.4	98
124	Diagnostic classification of arterial spin labeling and structural MRI in presenile early stage dementia. Human Brain Mapping, 2014, 35, 4916-4931.	1.9	80
125	Insight into the neurophysiological processes of melodically intoned language with functional MRI. Brain and Behavior, 2014, 4, 615-625.	1.0	12
126	White Matter Tracts of Speech and Language. Seminars in Ultrasound, CT and MRI, 2014, 35, 504-516.	0.7	36

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127	Inter-Vendor Reproducibility of Pseudo-Continuous Arterial Spin Labeling at 3 Tesla. PLoS ONE, 2014, 9, e104108.	1.1	66
128	Cerebellar Activation Related to Saccadic Inaccuracies. Cerebellum, 2013, 12, 224-235.	1.4	12
129	Spontaneous speech of patients with gliomas in eloquent areas before and early after surgery. Acta Neurochirurgica, 2013, 155, 685-692.	0.9	36
130	The influence of cerebral small vessel disease on default mode network deactivation in mild cognitive impairment. NeuroImage: Clinical, 2013, 2, 33-42.	1.4	36
131	The role of dopamine in inhibitory control in smokers and non-smokers: A pharmacological fMRI study. European Neuropsychopharmacology, 2013, 23, 1247-1256.	0.3	52
132	Feedback processing in schizophrenia: Effects of affective value and remedial action. Psychiatry Research - Neuroimaging, 2013, 213, 108-114.	0.9	3
133	Individual Differences in Anterior Cingulate Activation Associated with Attentional Bias Predict Cocaine Use After Treatment. Neuropsychopharmacology, 2013, 38, 1085-1093.	2.8	90
134	Neurophysiological correlates of anhedonia in feedback processing. Frontiers in Human Neuroscience, 2013, 7, 96.	1.0	10
135	Sentential Context Modulates the Involvement of the Motor Cortex in Action Language Processing: An fMRI Study. Frontiers in Human Neuroscience, 2013, 7, 100.	1.0	44
136	Fast parallel image registration on CPU and GPU for diagnostic classification of Alzheimer's disease. Frontiers in Neuroinformatics, 2013, 7, 50.	1.3	359
137	Brain Activation Associated with Attentional Bias in Smokers is Modulated by a Dopamine Antagonist. Neuropsychopharmacology, 2012, 37, 2772-2779.	2.8	33
138	Increased rCBV in status epilepticus. Journal of Neurology, 2012, 259, 1746-1748.	1.8	1
139	Decreased Relative Contribution to Language Processing of the Right Hemisphere after Language Therapy Assessed with fMRI in Chronic Aphasia Patients. Procedia, Social and Behavioral Sciences, 2012, 61, 20-21.	0.5	1
140	Cognitive functioning early after surgery of gliomas in eloquent areas. Journal of Neurosurgery, 2012, 117, 831-838.	0.9	88
141	The clinical and pathological phenotype of C9ORF72 hexanucleotide repeat expansions. Brain, 2012, 135, 723-735.	3.7	249
142	Advanced Magnetic Resonance Neuroimaging of Language Function Recovery After Aphasic Stroke: A Technical Review. Archives of Physical Medicine and Rehabilitation, 2012, 93, S4-S14.	0.5	20
143	Structural Neuroimaging in Aging and Alzheimer's Disease. Neuroimaging Clinics of North America, 2012, 22, 33-55.	0.5	29
144	The neuronal correlates of mirror therapy: an fMRI study on mirror induced visual illusions in patients with stroke. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 393-398.	0.9	107

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145	The anterior cingulate cortex responds differently to the validity and valence of feedback in a time-estimation task. NeuroImage, 2011, 56, 2321-2328.	2.1	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. NeuroImage, 2011, 54, 447-454.	2.1	16
147	Neurobiological substrate of smoking-related attentional bias. NeuroImage, 2011, 54, 2374-2381.	2.1	94
148	Motor Recovery and Cortical Reorganization After Mirror Therapy in Chronic Stroke Patients. Neurorehabilitation and Neural Repair, 2011, 25, 223-233.	1.4	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. Neuroradiology, 2011, 53, 553-563.	1.1	125
151	Prediction of intracranial findings on CT-scans by alternative modelling techniques. BMC Medical Research Methodology, 2011, 11, 143.	1.4	15
152	A Case Study of Melodic Intonation Therapy (MIT) in the Subacute Stage of Aphasia: Early Re-re activation of Left Hemisphere Structures. Procedia, Social and Behavioral Sciences, 2010, 6, 241-243.	0.5	11
153	Minor Head Injury: CT-based Strategies for Managementâ€"A Cost-effectiveness Analysis. Radiology, 2010, 254, 532-540.	3.6	80
154	A Sales Forceâ€"Specific Theory-of-Mind Scale: Tests of Its Validity by Classical Methods and Functional Magnetic Resonance Imaging. Journal of Marketing Research, 2009, 46, 653-668.	3.0	106
155	Postconcussion syndrome after minor head injury: Brain activation of working memory and attention. Human Brain Mapping, 2009, 30, 2789-2803.	1.9	97
156	Cerebellar Contributions to the Processing of Saccadic Errors. Cerebellum, 2009, 8, 403-415.	1.4	24
157	Cortical and cerebellar activation induced by reflexive and voluntary saccades. Experimental Brain Research, 2009, 192, 175-187.	0.7	34
158	Differences between smooth pursuit and optokinetic eye movements using limited lifetime dot stimulation: a functional magnetic resonance imaging study. Clinical Physiology and Functional Imaging, 2009, 29, 245-254.	0.5	14
159	Mirror-Induced Visual Illusion of Hand Movements: A Functional Magnetic Resonance Imaging Study. Archives of Physical Medicine and Rehabilitation, 2009, 90, 675-681.	0.5	124
160	Delayed life-threatening subdural hematoma after minor head injury in a patient with severe coagulopathy: a case report. Cases Journal, 2009, 2, 7587.	0.4	3
161	An fMRI study on smooth pursuit and fixation suppression of the optokinetic reflex using similar visual stimulation. Experimental Brain Research, 2008, 185, 535-544.	0.7	12
162	fMRI of Optokinetic Eye Movements With and Without a Contribution of Smooth Pursuit. Journal of Neuroimaging, 2008, 18, 158-167.	1.0	14

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163	Increased left amygdala activation to feedback stimuli in recent-onset schizophrenia. International Journal of Psychophysiology, 2008, 69, 227.	0.5	0
164	Outcome after Complicated Minor Head Injury. American Journal of Neuroradiology, 2008, 29, 506-513.	1.2	61
165	Incorporating Functional MR Imaging into Diffusion Tensor Tractography in the Preoperative Assessment of the Corticospinal Tract in Patients with Brain Tumors. American Journal of Neuroradiology, 2007, 28, 1354-1361.	1.2	91
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167	Minor Head Injury: Guidelines for the Use of CTâ€"A Multicenter Validation Study. Radiology, 2007, 245, 831-838.	3.6	76
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