

# Andrei I Holodny

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2949928/andrei-i-holodny-publications-by-year.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

172  
papers

4,226  
citations

35  
h-index

57  
g-index

186  
ext. papers

4,840  
ext. citations

4.2  
avg, IF

5.27  
L-index

#	Paper	IF	Citations
172	Semisupervised Training of a Brain MRI Tumor Detection Model Using Mined Annotations.. <i>Radiology</i> , <b>2022</b> , 210817	20.5	0
171	Sensitivity of three-dimensional time-of-flight 3.0T magnetic resonance angiography in visualizing the number and course of lenticulostriate arteries in patients with insular gliomas. <i>Brain and Spine</i> , <b>2022</b> , 2, 100856		
170	Phase 1 Clinical Trial of Trametinib and Ponatinib in Patients With NSCLC Harboring Mutations.. <i>JTO Clinical and Research Reports</i> , <b>2022</b> , 3, 100256	1.4	0
169	Understanding Language Reorganization With Neuroimaging: How Language Adapts to Different Focal Lesions and Insights Into Clinical Applications.. <i>Frontiers in Human Neuroscience</i> , <b>2022</b> , 16, 747215	3.3	3
168	Glioma-Induced Disruption of Resting-State Functional Connectivity and Amplitude of Low-Frequency Fluctuations in the Salience Network. <i>American Journal of Neuroradiology</i> , <b>2021</b> , 42, 551-558	4.4	5
167	Diffusion and Perfusion MRI Predicts Response Preceding and Shortly After Radiosurgery to Brain Metastases: A Pilot Study. <i>Journal of Neuroimaging</i> , <b>2021</b> , 31, 317-323	2.8	4
166	Predicting Survival Duration With MRI Radiomics of Brain Metastases From Non-small Cell Lung Cancer. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 621088	5.3	3
165	Multiband diffusion tensor imaging for presurgical mapping of motor and language pathways in patients with brain tumors. <i>Journal of Neuroimaging</i> , <b>2021</b> , 31, 784-795	2.8	
164	Effect of chemotherapy on default mode network connectivity in older women with breast cancer. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 1	4.1	1
163	Monolingual and bilingual language networks in healthy subjects using functional MRI and graph theory. <i>Scientific Reports</i> , <b>2021</b> , 11, 10568	4.9	2
162	Functional MRI Shows Altered Deactivation and a Corresponding Decrease in Functional Connectivity of the Default Mode Network in Patients with Gliomas. <i>American Journal of Neuroradiology</i> , <b>2021</b> , 42, 1505-1512	4.4	5
161	A phase I trial of sorafenib with whole brain radiotherapy (WBRT) in breast cancer patients with brain metastases and a correlative study of FLT-PET brain imaging. <i>Breast Cancer Research and Treatment</i> , <b>2021</b> , 188, 415-425	4.4	2
160	Methods of Analysis: Functional MRI for Presurgical Planning. <i>Neuroimaging Clinics of North America</i> , <b>2021</b> , 31, 23-32	3	3
159	Functional Brain Anatomy. <i>Neuroimaging Clinics of North America</i> , <b>2021</b> , 31, 33-51	3	1
158	Patient Preparation and Paradigm Design in fMRI. <i>Neuroimaging Clinics of North America</i> , <b>2021</b> , 31, 11-21	3	3
157	Introduction to Functional MR Imaging. <i>Neuroimaging Clinics of North America</i> , <b>2021</b> , 31, 1-10	3	2
156	Integrating Eye Tracking and Speech Recognition Accurately Annotates MR Brain Images for Deep Learning: Proof of Principle. <i>Radiology: Artificial Intelligence</i> , <b>2021</b> , 3, e200047	8.7	3

155	Resting-state functional MRI language network connectivity differences in patients with brain tumors: exploration of the cerebellum and contralesional hemisphere. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 1	4.1	4
154	Differentiating Peripherally-Located Small Cell Lung Cancer From Non-small Cell Lung Cancer Using a CT Radiomic Approach. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 593	5.3	10
153	Computational Modeling of Interstitial Fluid Pressure and Velocity in Non-small Cell Lung Cancer Brain Metastases Treated With Stereotactic Radiosurgery. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 402	4.1	2
152	Radiomic prediction of mutation status based on MR imaging of lung cancer brain metastases. <i>Magnetic Resonance Imaging</i> , <b>2020</b> , 69, 49-56	3.3	8
151	Reliability of CT myelography versus MRI in the assessment of spinal epidural disease. <i>Clinical Imaging</i> , <b>2020</b> , 62, 37-40	2.7	
150	Decreased Hand Motor Resting-State Functional Connectivity in Patients with Glioma: Analysis of Factors including Neurovascular Uncoupling. <i>Radiology</i> , <b>2020</b> , 294, 610-621	20.5	11
149	Core language brain network for fMRI language task used in clinical applications. <i>Network Neuroscience</i> , <b>2020</b> , 4, 134-154	5.6	12
148	The Role of Advanced Imaging in Spinal Metastases <b>2020</b> , 523-534		
147	Effects of chemotherapy on aging white matter microstructure: A longitudinal diffusion tensor imaging study. <i>Journal of Geriatric Oncology</i> , <b>2020</b> , 11, 290-296	3.6	11
146	T1-weighted Dynamic Contrast-enhanced MRI to Differentiate Nonneoplastic and Malignant Vertebral Body Lesions in the Spine. <i>Radiology</i> , <b>2020</b> , 297, 382-389	20.5	5
145	Neurological Diseases <b>2019</b> , 217-230		1
144	A vascular-task response dependency and its application in functional imaging of brain tumors. <i>Journal of Neuroscience Methods</i> , <b>2019</b> , 322, 10-22	3	6
143	Intrinsic brain activity changes associated with adjuvant chemotherapy in older women with breast cancer: a pilot longitudinal study. <i>Breast Cancer Research and Treatment</i> , <b>2019</b> , 176, 181-189	4.4	14
142	Resting State Functional Connectivity of the Supplementary Motor Area to Motor and Language Networks in Patients with Brain Tumors. <i>Journal of Neuroimaging</i> , <b>2019</b> , 29, 521-526	2.8	1
141	Functional Translocation of Broca's Area in a Low-Grade Left Frontal Glioma: Graph Theory Reveals the Novel, Adaptive Network Connectivity. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 702	4.1	24
140	MR Perfusion and MR Spectroscopy of Brain Neoplasms. <i>Radiologic Clinics of North America</i> , <b>2019</b> , 57, 1177-1188	2.3	9
139	Resting-State Functional Connectivity of the Middle Frontal Gyrus Can Predict Language Lateralization in Patients with Brain Tumors. <i>American Journal of Neuroradiology</i> , <b>2019</b> , 40, 319-325	4.4	19
138	Differentiating Atypical Hemangiomas and Metastatic Vertebral Lesions: The Role of T1-Weighted Dynamic Contrast-Enhanced MRI. <i>American Journal of Neuroradiology</i> , <b>2018</b> , 39, 968-973	4.4	27

137	Early posttreatment assessment of MRI perfusion biomarkers can predict long-term response of lung cancer brain metastases to stereotactic radiosurgery. <i>Neuro-Oncology</i> , <b>2018</b> , 20, 567-575	1	21
136	Diffusion Tensor Imaging Shows Corpus Callosum Differences between High-Grade Gliomas and Metastases. <i>Journal of Neuroimaging</i> , <b>2018</b> , 28, 199-205	2.8	5
135	Subcortical brain iron deposition and cognitive performance in older women with breast cancer receiving adjuvant chemotherapy: A pilot MRI study. <i>Magnetic Resonance Imaging</i> , <b>2018</b> , 54, 218-224	3.3	7
134	Pretreatment dynamic contrast-enhanced MRI biomarkers correlate with progression-free survival in primary central nervous system lymphoma. <i>Journal of Neuro-Oncology</i> , <b>2018</b> , 140, 351-358	4.8	12
133	Resting-State Functional Magnetic Resonance Imaging and Probabilistic Diffusion Tensor Imaging Demonstrate That the Greatest Functional and Structural Connectivity in the Hand Motor Homunculus Occurs in the Area of the Thumb. <i>Brain Connectivity</i> , <b>2018</b> , 8, 371-379	2.7	2
132	Assessing brain volume changes in older women with breast cancer receiving adjuvant chemotherapy: a brain magnetic resonance imaging pilot study. <i>Breast Cancer Research</i> , <b>2018</b> , 20, 38	8.3	22
131	Right Brain Language Function and Academic Honesty. <i>Brain Connectivity</i> , <b>2018</b> , 8, 319-320	2.7	0
130	Gray matter density reduction associated with adjuvant chemotherapy in older women with breast cancer. <i>Breast Cancer Research and Treatment</i> , <b>2018</b> , 172, 363-370	4.4	16
129	Finding influential nodes for integration in brain networks using optimal percolation theory. <i>Nature Communications</i> , <b>2018</b> , 9, 2274	17.4	58
128	Paradoxical Activation in the Cerebellum During Language fMRI in Patients with Brain Tumors: Possible Explanations Based on Neurovascular Uncoupling and Functional Reorganization. <i>Cerebellum</i> , <b>2018</b> , 17, 286-293	4.3	11
127	Metabolic Imaging of the Human Brain with Hyperpolarized C Pyruvate Demonstrates C Lactate Production in Brain Tumor Patients. <i>Cancer Research</i> , <b>2018</b> , 78, 3755-3760	10.1	127
126	A Pilot Study Evaluating the Use of Dynamic Contrast-Enhanced Perfusion MRI to Predict Local Recurrence After Radiosurgery on Spinal Metastases. <i>Technology in Cancer Research and Treatment</i> , <b>2017</b> , 16, 857-865	2.7	23
125	Left-lateralization of resting state functional connectivity between the presupplementary motor area and primary language areas. <i>NeuroReport</i> , <b>2017</b> , 28, 545-550	1.7	15
124	Dynamic contrast-enhanced MRI perfusion for differentiating between melanoma and lung cancer brain metastases. <i>Cancer Medicine</i> , <b>2017</b> , 6, 761-767	4.8	16
123	Use of Advanced Neuroimaging (fMRI, DTI/Tractography) in the Treatment of Malignant Gliomas <b>2017</b> , 3-13		
122	Dynamic contrast-enhanced magnetic resonance imaging of osseous spine metastasis before and 1 hour after high-dose image-guided radiation therapy. <i>Neurosurgical Focus</i> , <b>2017</b> , 42, E9	4.2	17
121	Diagnostic Accuracy of T1-Weighted Dynamic Contrast-Enhanced-MRI and DWI-ADC for Differentiation of Glioblastoma and Primary CNS Lymphoma. <i>American Journal of Neuroradiology</i> , <b>2017</b> , 38, 485-491	4.4	54
120	T1-Weighted Dynamic Contrast-Enhanced MR Perfusion Imaging Characterizes Tumor Response to Radiation Therapy in Chordoma. <i>American Journal of Neuroradiology</i> , <b>2017</b> , 38, 2210-2216	4.4	13

119	Comparison of compressed sensing diffusion spectrum imaging and diffusion tensor imaging in patients with intracranial masses. <i>Magnetic Resonance Imaging</i> , <b>2017</b> , 36, 24-31	3.3	8
118	Infections of the Brain and Meninges. <i>Seminars in Roentgenology</i> , <b>2017</b> , 52, 2-9	0.8	4
117	Diffuse reduction of cerebral grey matter volumes in Erdheim-Chester disease. <i>Orphanet Journal of Rare Diseases</i> , <b>2016</b> , 11, 109	4.2	16
116	A phase I trial of the Hedgehog inhibitor, sonidegib (LDE225), in combination with etoposide and cisplatin for the initial treatment of extensive stage small cell lung cancer. <i>Lung Cancer</i> , <b>2016</b> , 99, 23-30	5.9	43
115	Language Mapping Using fMRI and Direct Cortical Stimulation for Brain Tumor Surgery: The Good, the Bad, and the Questionable. <i>Topics in Magnetic Resonance Imaging</i> , <b>2016</b> , 25, 1-10	2.3	34
114	Large-volume low apparent diffusion coefficient lesions predict poor survival in bevacizumab-treated glioblastoma patients. <i>Neuro-Oncology</i> , <b>2016</b> , 18, 735-43	1	20
113	fMRI activation in the middle frontal gyrus as an indicator of hemispheric dominance for language in brain tumor patients: a comparison with Broca's area. <i>Neuroradiology</i> , <b>2016</b> , 58, 513-20	3.2	19
112	Integration of 2-hydroxyglutarate-proton magnetic resonance spectroscopy into clinical practice for disease monitoring in isocitrate dehydrogenase-mutant glioma. <i>Neuro-Oncology</i> , <b>2016</b> , 18, 283-90	1	135
111	Nonenhancing Leptomeningeal Metastases: Imaging Characteristics and Potential Causative Factors. <i>Neurohospitalist, The</i> , <b>2016</b> , 6, 24-8	1.1	16
110	Cortical Plasticity in the Setting of Brain Tumors. <i>Topics in Magnetic Resonance Imaging</i> , <b>2016</b> , 25, 25-30	2.3	29
109	Brain Tumors: The Influence of Tumor Type and Routine MR Imaging Characteristics at BOLD Functional MR Imaging in the Primary Motor Gyrus. <i>Radiology</i> , <b>2016</b> , 281, 876-883	20.5	32
108	Hyperpolarization MRI: Preclinical Models and Potential Applications in Neuroradiology. <i>Topics in Magnetic Resonance Imaging</i> , <b>2016</b> , 25, 31-7	2.3	14
107	Vascular Reactivity Maps in Patients with Gliomas Using Breath-Holding BOLD fMRI. <i>Journal of Neuroimaging</i> , <b>2016</b> , 26, 232-9	2.8	23
106	Dynamic Contrast-Enhanced MRI in Low-Grade Versus Anaplastic Oligodendrogliomas. <i>Journal of Neuroimaging</i> , <b>2016</b> , 26, 366-71	2.8	23
105	Second-opinion interpretations of neuroimaging studies by oncologic neuroradiologists can help reduce errors in cancer care. <i>Cancer</i> , <b>2016</b> , 122, 2708-14	6.4	27
104	Corpus Callosum Diffusion and Language Lateralization in Patients with Brain Tumors: A DTI and fMRI Study. <i>Journal of Neuroimaging</i> , <b>2016</b> , 26, 224-31	2.8	17
103	Comparison of Glioblastomas and Brain Metastases using Dynamic Contrast-Enhanced Perfusion MRI. <i>Journal of Neuroimaging</i> , <b>2016</b> , 26, 240-6	2.8	32
102	Infiltration of the basal ganglia by brain tumors is associated with the development of co-dominant language function on fMRI. <i>Brain and Language</i> , <b>2016</b> , 155-156, 44-8	2.9	9

101	"Am I about to Lose my Job?!": A Comment on "Computer-Extracted Texture Features to Distinguish Cerebral Radiation Necrosis from Recurrent Brain Tumors on Multiparametric MRI: A Feasibility Study". <i>American Journal of Neuroradiology</i> , <b>2016</b> , 37, 2237-2238	4.4	4
100	Functional Magnetic Resonance Imaging <b>2016</b> , 317-325		
99	Altered Resting-State Functional Connectivity in the Hand Motor Network in Glioma Patients. <i>Brain Connectivity</i> , <b>2016</b> , 6, 587-595	2.7	30
98	Advanced Functional Imaging: fMRI, PET, and MEG <b>2015</b> , 63-89		1
97	Identification of the Corticobulbar Tracts of the Tongue and Face Using Deterministic and Probabilistic DTI Fiber Tracking in Patients with Brain Tumor. <i>American Journal of Neuroradiology</i> , <b>2015</b> , 36, 2036-41	4.4	24
96	Use of CT perfusion to discriminate between brain metastases from different primaries. <i>Clinical Imaging</i> , <b>2015</b> , 39, 9-14	2.7	6
95	Differentiating benign from malignant vertebral fractures using T1 -weighted dynamic contrast-enhanced MRI. <i>Journal of Magnetic Resonance Imaging</i> , <b>2015</b> , 42, 1039-47	5.6	14
94	Dynamic Contrast-Enhanced Perfusion MRI and Diffusion-Weighted Imaging in Grading of Gliomas. <i>Journal of Neuroimaging</i> , <b>2015</b> , 25, 792-8	2.8	54
93	Challenges in Identifying the Foot Motor Region in Patients with Brain Tumor on Routine MRI: Advantages of fMRI. <i>American Journal of Neuroradiology</i> , <b>2015</b> , 36, 1488-93	4.4	7
92	Pre-operative fMRI localization of the supplementary motor area and its relationship with postoperative speech deficits. <i>Neuroradiology Journal</i> , <b>2015</b> , 28, 281-8	2	5
91	T1-Weighted Dynamic Contrast-Enhanced MRI as a Noninvasive Biomarker of Epidermal Growth Factor Receptor vIII Status. <i>American Journal of Neuroradiology</i> , <b>2015</b> , 36, 2256-61	4.4	35
90	Brain metastases from prostate cancer: an 11-year analysis in the MRI era with emphasis on imaging characteristics, incidence, and prognosis. <i>Journal of Neuroimaging</i> , <b>2014</b> , 24, 161-6	2.8	49
89	Blood oxygen level dependent functional magnetic resonance imaging for presurgical planning. <i>Neuroimaging Clinics of North America</i> , <b>2014</b> , 24, 557-71	3	23
88	Trial of a 5-day dosing regimen of temozolomide in patients with relapsed small cell lung cancers with assessment of methylguanine-DNA methyltransferase. <i>Lung Cancer</i> , <b>2014</b> , 86, 237-40	5.9	33
87	Probabilistic fiber tracking of the language and motor white matter pathways of the supplementary motor area (SMA) in patients with brain tumors. <i>Journal of Neuroradiology</i> , <b>2014</b> , 41, 342-9 <sup>1</sup>		8
86	Magnetic resonance perfusion characteristics of hypervascular renal and hypovascular prostate spinal metastases: clinical utilities and implications. <i>Spine</i> , <b>2014</b> , 39, E1433-40	3.3	25
85	Resection of glioma in an fMRI-defined "split" Broca's area. <i>Neurocase</i> , <b>2014</b> , 20, 481-6	0.8	4
84	Diffusion tensor imaging and tractography of the corticospinal tract in the presence of enlarged Virchow-Robin spaces. <i>Journal of Neuroimaging</i> , <b>2014</b> , 24, 79-82	2.8	11



83	Phase I trial of the hedgehog (Hh) inhibitor, LDE225, in combination with etoposide and cisplatin (EP) for initial treatment of extensive stage small cell lung cancer (ES-SCLC).. <i>Journal of Clinical Oncology</i> , <b>2014</b> , 32, 7602-7602	2.2	4
82	A phase I trial of sorafenib with whole brain radiotherapy (WBRT) in breast cancer patients with brain metastases and a correlative study of FLT-PET brain imaging to evaluate treatment response after WBRT sorafenib.. <i>Journal of Clinical Oncology</i> , <b>2014</b> , 32, TPS2103-TPS2103	2.2	1
81	BOLD fMRI for Presurgical Planning: Part II <b>2014</b> , 79-94		
80	Diffusion-weighted imaging to assess treatment response in a child with trilateral retinoblastoma. <i>Pediatric Radiology</i> , <b>2013</b> , 43, 1231-4	2.8	6
79	Comparison of the effectiveness of MRI perfusion and fluorine-18 FDG PET-CT for differentiating radiation injury from viable brain tumor: a preliminary retrospective analysis with pathologic correlation in all patients. <i>Clinical Imaging</i> , <b>2013</b> , 37, 451-7	2.7	26
78	Association of pre-operative brain pathology with post-operative delirium in a cohort of non-small cell lung cancer patients undergoing surgical resection. <i>Psycho-Oncology</i> , <b>2013</b> , 22, 2087-94	3.9	26
77	Clinical applications of functional MR imaging. <i>Magnetic Resonance Imaging Clinics of North America</i> , <b>2013</b> , 21, 269-78	1.6	15
76	Posterior Displacement of the Motor Blood Oxygen Level-Dependent Functional MRI Signal into the Postcentral Gyrus in Patients with Preoperative Brain Tumor and Healthy Volunteers: Practical Guidelines to Correctly Interpret Functional MRI Findings. <i>Neurographics</i> , <b>2013</b> , 3, 52-59	0.4	4
75	Measurement of blood perfusion in spinal metastases with dynamic contrast-enhanced magnetic resonance imaging: evaluation of tumor response to radiation therapy. <i>Spine</i> , <b>2013</b> , 38, E1418-24	3.3	46
74	Diffusion tensor tractography of the arcuate fasciculus in patients with brain tumors: Comparison between deterministic and probabilistic models. <i>Journal of Biomedical Science and Engineering</i> , <b>2013</b> , 6, 192-200	0.7	29
73	Preoperative functional MRI of motor and sensory cortices: how imaging can save vital functions. <i>Imaging in Medicine</i> , <b>2012</b> , 4, 77-87	1	0
72	Characterizing hypervascular and hypovascular metastases and normal bone marrow of the spine using dynamic contrast-enhanced MR imaging. <i>American Journal of Neuroradiology</i> , <b>2012</b> , 33, 2178-85	4.4	34
71	Chemotherapy-related magnetic resonance imaging abnormalities mimicking disease progression following intraventricular liposomal cytarabine and high dose methotrexate for neurolymphomatosis. <i>Leukemia and Lymphoma</i> , <b>2012</b> , 53, 1620-2	1.9	2
70	Phase II trial of temozolomide in patients with relapsed sensitive or refractory small cell lung cancer, with assessment of methylguanine-DNA methyltransferase as a potential biomarker. <i>Clinical Cancer Research</i> , <b>2012</b> , 18, 1138-45	12.9	110
69	Somatotopic organization of motor pathways in the internal capsule: a probabilistic diffusion tractography study. <i>American Journal of Neuroradiology</i> , <b>2012</b> , 33, 1274-80	4.4	48
68	Intracranial hemorrhage in patients with cancer treated with bevacizumab: the Memorial Sloan-Kettering experience. <i>Annals of Oncology</i> , <b>2012</b> , 23, 458-63	10.3	53
67	Nonenhancing brain metastases. <i>Journal of Neuroimaging</i> , <b>2011</b> , 21, 184-7	2.8	5
66	Investigating agenesis of the corpus callosum using functional MRI: a study examining interhemispheric coordination of motor control. <i>Journal of Neuroimaging</i> , <b>2011</b> , 21, 65-8	2.8	7

65	Potential utility of conventional MRI signs in diagnosing pseudoprogression in glioblastoma. <i>Neurology</i> , <b>2011</b> , 76, 1918-24	6.5	136
64	Motor and sensory mapping. <i>Neurosurgery Clinics of North America</i> , <b>2011</b> , 22, 207-18, viii	4	16
63	"Pulsatile" high-dose weekly erlotinib for CNS metastases from EGFR mutant non-small cell lung cancer. <i>Neuro-Oncology</i> , <b>2011</b> , 13, 1364-9	1	268
62	Isolated diffusion restriction precedes the development of enhancing tumor in a subset of patients with glioblastoma. <i>American Journal of Neuroradiology</i> , <b>2011</b> , 32, 1301-1306	4.4	64
61	Apparent diffusion coefficient of glial neoplasms: correlation with fluorodeoxyglucose-positron-emission tomography and gadolinium-enhanced MR imaging. <i>American Journal of Neuroradiology</i> , <b>2010</b> , 31, 1042-8	4.4	32
60	Imaging of brain tumors: functional magnetic resonance imaging and diffusion tensor imaging. <i>Neuroimaging Clinics of North America</i> , <b>2010</b> , 20, 379-400	3	36
59	Functional MRI in the presurgical evaluation of patients with brain tumors: characterization of the statistical threshold. <i>Stereotactic and Functional Neurosurgery</i> , <b>2010</b> , 88, 35-41	1.6	14
58	Functional MRI of tongue motor tasks in patients with tongue cancer: observations before and after partial glossectomy. <i>Neuroradiology</i> , <b>2010</b> , 52, 1185-91	3.2	9
57	Efficacy and safety of bevacizumab in active brain metastases from non-small cell lung cancer. <i>Journal of Neuro-Oncology</i> , <b>2010</b> , 100, 443-7	4.8	86
56	Cortical activation during swallowing rehabilitation maneuvers: a functional MRI study of healthy controls. <i>Laryngoscope</i> , <b>2010</b> , 120, 2153-9	3.6	28
55	Quantification of dispersion of Gd-DTPA from the initial area of enhancement into the peritumoral zone of edema in brain tumors. <i>Journal of Neuro-Oncology</i> , <b>2009</b> , 94, 399-408	4.8	13
54	Correlation between functional MRI and voice improvement following Type I thyroplasty in unilateral vocal fold paralysis--a case study. <i>Journal of Voice</i> , <b>2009</b> , 23, 639-45	1.9	6
53	Event-related functional MRI investigation of vocal pitch variation. <i>NeuroImage</i> , <b>2009</b> , 44, 175-81	7.9	19
52	Presurgical evaluation of language using functional magnetic resonance imaging in brain tumor patients with previous surgery. <i>Neurosurgery</i> , <b>2009</b> , 64, 644-52; discussion 652-3	3.2	36
51	Joint activation of the supplementary motor area and presupplementary motor area during simultaneous motor and language functional MRI. <i>NeuroReport</i> , <b>2009</b> , 20, 487-91	1.7	22
50	The role of the Supplementary Motor Area (SMA) in the execution of primary motor activities in brain tumor patients: functional MRI detection of time-resolved differences in the hemodynamic response. <i>Medical Science Monitor</i> , <b>2009</b> , 15, MT55-62	3.2	12
49	Functional magnetic resonance imaging (fMRI) changes and saliva production associated with acupuncture at LI-2 acupuncture point: a randomized controlled study. <i>BMC Complementary and Alternative Medicine</i> , <b>2008</b> , 8, 37	4.7	69
48	Novel management and unique metastatic pattern of primary ductal adenocarcinoma of the lacrimal gland. <i>Clinical and Experimental Ophthalmology</i> , <b>2008</b> , 36, 194-6	2.4	16



47 Functional MRI **2008**, 248-256

46 Effect of age and tumor grade on BOLD functional MR imaging in preoperative assessment of patients with glioma. *Radiology*, **2008**, 248, 971-8 20.5 45

45 Assessment of the language laterality index in patients with brain tumor using functional MR imaging: effects of thresholding, task selection, and prior surgery. *American Journal of Neuroradiology*, **2008**, 29, 528-35 4.4 75

44 Functional MRI **2008**, 1291-1321

43 Brain, Head, and Neck **2008**, 169-533

42 Use of MR spectroscopy and functional imaging in the treatment planning of gliomas. *British Journal of Radiology*, **2007**, 80, 347-54 3.4 45

41 Meningioma of the mandible: imaging with CT. *American Journal of Neuroradiology*, **2007**, 28, 1157-9 4.4 11

40 Reorganization of the cortical control of movement due to radiation necrosis. Case report. *Journal of Neurosurgery*, **2006**, 104, 147-9 3.2 3

39 Skull base, orbital, and perineural involvement in Waldenström's macroglobulinemia. *The Journal of Otolaryngology*, **2006**, 35, 68-70 2

38 Effect of brain tumor neovasculature defined by rCBV on BOLD fMRI activation volume in the primary motor cortex. *NeuroImage*, **2006**, 32, 489-97 7.9 141

37 Pituitary gland with suprasellar extension: a normal variant. Case illustration. *Journal of Neurosurgery: Pediatrics*, **2006**, 105, 75 2.1

36 Diffusion tensor tractography of the motor white matter tracts in man: Current controversies and future directions. *Annals of the New York Academy of Sciences*, **2005**, 1064, 88-97 6.5 44

35 The effect of tumour type and distance on activation in the motor cortex. *Neuroradiology*, **2005**, 47, 813-9.2 25

34 Isolated primary intracerebral mycetoma: presenting as a mass lesion in a patient with prostate cancer and multiple myeloma. *Journal of Neuro-Oncology*, **2005**, 71, 49-52 4.8 3

33 Supply of the unilateral circulation of the brain by an occipital artery anastomosis--a case report. *Angiology*, **2005**, 56, 93-5 2.1 5

32 Diffusion-tensor MR tractography of somatotopic organization of corticospinal tracts in the internal capsule: initial anatomic results in contradistinction to prior reports. *Radiology*, **2005**, 234, 649-53 20.5 105

31 Discordance between functional magnetic resonance imaging during silent speech tasks and intraoperative speech arrest. *Journal of Neurosurgery*, **2005**, 103, 267-74 3.2 49

30 The effect of prior surgery on blood oxygen level-dependent functional MR imaging in the preoperative assessment of brain tumors. *American Journal of Neuroradiology*, **2005**, 26, 1980-5 4.4 36

29	Nasopharyngeal carcinoma: recognizing the radiographic features in children. <i>American Journal of Neuroradiology</i> , <b>2005</b> , 26, 1575-9	4.4	28
28	Reversible transinsular herniation of the lateral ventricle. <i>Pediatric Radiology</i> , <b>2004</b> , 34, 912-5	2.8	
27	Functional MRI in the brain tumor patient. <i>Topics in Magnetic Resonance Imaging</i> , <b>2004</b> , 15, 325-35	2.3	57
26	Isolated translocation of Wernicke's area to the right hemisphere in a 62-year-man with a temporo-parietal glioma. <i>American Journal of Neuroradiology</i> , <b>2004</b> , 25, 130-3	4.4	50
25	Chordoid glioma: report of a case with unusual histologic features, ultrastructural study and review of the literature. <i>Journal of Neuro-Oncology</i> , <b>2003</b> , 63, 39-47	4.8	35
24	Demonstration of an actively bleeding aneurysm by CT angiography. <i>American Journal of Neuroradiology</i> , <b>2003</b> , 24, 962-4	4.4	18
23	Long-standing unilateral jumped facets at C3-4 with no apparent history of antecedent trauma. <i>Emergency Radiology</i> , <b>2002</b> , 9, 329-32	3	
22	Standardization of amygdalohippocampectomy with intraoperative magnetic resonance imaging: preliminary experience. <i>Epilepsia</i> , <b>2002</b> , 43, 430-6	6.4	34
21	Translocation of Broca's area to the contralateral hemisphere as the result of the growth of a left inferior frontal glioma. <i>Journal of Computer Assisted Tomography</i> , <b>2002</b> , 26, 941-3	2.2	76
20	Masking of metastases to the spine by gadolinium enhancement. <i>Journal of Emergency Medicine</i> , <b>2002</b> , 23, 279-81	1.5	1
19	Diffusion imaging in brain tumors. <i>Neuroimaging Clinics of North America</i> , <b>2002</b> , 12, 107-24, x	3	47
18	Quantitative assessment of cerebral ventricular volumes in chronic fatigue syndrome. <i>Applied Neuropsychology</i> , <b>2001</b> , 8, 23-30		35
17	Bilateral subdural hematomas exactly isodense to the subjacent gray matter. <i>Journal of Emergency Medicine</i> , <b>2001</b> , 20, 413-4	1.5	3
16	Tumor involvement of the corticospinal tract: diffusion magnetic resonance tractography with intraoperative correlation. <i>Journal of Neurosurgery</i> , <b>2001</b> , 95, 1082	3.2	90
15	Acute posttraumatic pituitary gland hemorrhage. <i>Journal of Computer Assisted Tomography</i> , <b>2000</b> , 24, 546-7	2.2	
14	Does a herniated nucleus pulposus contribute significantly to a decrease in height of the intervertebral disc? Quantitative volumetric MRI. <i>Neuroradiology</i> , <b>2000</b> , 42, 451-4	3.2	10
13	Functional magnetic resonance imaging aided radiation treatment planning. <i>Medical Physics</i> , <b>2000</b> , 27, 1563-72	4.4	28
12	Correlation between the degree of contrast enhancement and the volume of peritumoral edema in meningiomas and malignant gliomas. <i>Neuroradiology</i> , <b>1999</b> , 41, 820-5	3.2	41

11	Functional magnetic resonance image-guided surgery of tumors in or near the primary visual cortex. <i>Stereotactic and Functional Neurosurgery</i> , <b>1999</b> , 73, 31-6	1.6	19
10	Temporal bone fractures and complications: Correlation between high-resolution computed tomography and audiography. <i>Emergency Radiology</i> , <b>1998</b> , 5, 8-12	3	4
9	Hemorrhagic chondroid chordoma mimicking pituitary apoplexy. <i>Neuroradiology</i> , <b>1998</b> , 40, 720-3	3.2	16
8	Functional image-guided surgery of intracranial tumors located in or near the sensorimotor cortex. <i>Journal of Neurosurgery</i> , <b>1998</b> , 89, 412-8	3.2	166
7	Focal dilation and paradoxical collapse of cortical fissures and sulci in patients with normal-pressure hydrocephalus. <i>Journal of Neurosurgery</i> , <b>1998</b> , 89, 742-7	3.2	39
6	The perihippocampal fissures: normal anatomy and disease states. <i>Radiographics</i> , <b>1998</b> , 18, 653-65	5.4	10
5	Fast inversion recovery for myelin suppression (FIRMS). A new magnetic resonance pulse sequence <b>1997</b> , 7, 176-9		5
4	MRI of high-grade glial tumors: correlation between the degree of contrast enhancement and the volume of surrounding edema. <i>Neuroradiology</i> , <b>1997</b> , 39, 348-50	3.2	47
3	Aqueductal stenosis leading to herniation of the frontal horn of the lateral ventricle into the frontal sinus. <i>Journal of Computer Assisted Tomography</i> , <b>1997</b> , 21, 837-9	2.2	9
2	San Lucas, Spanish school, early 15th century. <i>Neurosurgery</i> , <b>1996</b> , 39, 211-3	3.2	
1	Advanced MR techniques in brain tumor imaging9-18		3