

Marco Essig

List of Publications by Year in Descending Order

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

190
papers

7,643
citations

52
h-index

77
g-index

209
ext. papers

8,678
ext. citations

5.6
avg, IF

5.31
L-index

#	Paper	IF	Citations
190	Whole-Brain Dynamics in Aging: Disruptions in Functional Connectivity and the Role of the Rich Club. <i>Cerebral Cortex</i> , 2021 , 31, 2466-2481	5.1	3
189	The Aging Imageomics Study: rationale, design and baseline characteristics of the study population. <i>Mechanisms of Ageing and Development</i> , 2020 , 189, 111257	5.6	6
188	Magnetic Resonance Imaging Biomarkers of Brain Connectivity in Predicting Outcome after Mild Traumatic Brain Injury: A Systematic Review. <i>Journal of Neurotrauma</i> , 2020 , 37, 1761-1776	5.4	11
187	Brain BOLD MRI O and CO stress testing: implications for perioperative neurocognitive disorder following surgery. <i>Critical Care</i> , 2020 , 24, 76	10.8	8
186	From "Time is Brain" to "Imaging is Brain": A Paradigm Shift in the Management of Acute Ischemic Stroke. <i>Journal of Neuroimaging</i> , 2020 , 30, 562-571	2.8	23
185	Field-map correction in read-out segmented echo planar imaging for reduced spatial distortion in prostate DWI for MRI-guided radiotherapy applications. <i>Magnetic Resonance Imaging</i> , 2020 , 67, 43-49	3.3	3
184	Bariatric Surgery-Induced Changes in Intima-Media Thickness and Cardiovascular Risk Factors in Class 3 Obesity: A 3-Year Follow-Up Study. <i>Obesity</i> , 2020 , 28, 1663-1670	8	3
183	Neurological soft signs (NSS) and brain morphology in patients with chronic schizophrenia and healthy controls. <i>PLoS ONE</i> , 2020 , 15, e0231669	3.7	5
182	Collateral Automation for Triage in Stroke: Evaluating Automated Scoring of Collaterals in Acute Stroke on Computed Tomography Scans. <i>Cerebrovascular Diseases</i> , 2019 , 47, 217-222	3.2	22
181	Predicting Motor Outcome in Acute Intracerebral Hemorrhage. <i>American Journal of Neuroradiology</i> , 2019 , 40, 769-775	4.4	8
180	Institutional review of glial tumors treated with chemotherapy: the first description of PCV-related pseudoprogression. <i>Neuro-Oncology Practice</i> , 2019 , 6, 22-29	2.2	0
179	Macrovascular Networks on Contrast-Enhanced Magnetic Resonance Imaging Improves Survival Prediction in Newly Diagnosed Glioblastoma. <i>Cancers</i> , 2019 , 11,	6.6	2
178	Management and Return to Play Considerations in an Elite Hockey Player with Temporal Lobe Epilepsy. <i>Current Sports Medicine Reports</i> , 2018 , 17, 10-12	1.9	1
177	Good clinical and MRI outcome after arthroscopic autologous chondrocyte implantation for cartilage repair in the knee. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018 , 26, 831-839	5.5	42
176	Patient-Specific Alterations in CO Cerebrovascular Responsiveness in Acute and Sub-Acute Sports-Related Concussion. <i>Frontiers in Neurology</i> , 2018 , 9, 23	4.1	32
175	Fluid-Attenuated Inversion Recovery Signal Intensity as a Predictor of Gadolinium Enhancement in Relapsing-Remitting Multiple Sclerosis. <i>International Journal of MS Care</i> , 2018 , 20, 62-66	2.3	2
174	Laser ablation after stereotactic radiosurgery: a multicenter prospective study in patients with metastatic brain tumors and radiation necrosis. <i>Journal of Neurosurgery</i> , 2018 , 130, 804-811	3.2	77

173	Resting-State Functional Connectivity Magnetic Resonance Imaging and Outcome After Acute Stroke. <i>Stroke</i> , 2018 , 49, 2353-2360	6.7	35
172	e-ASPECTS software is non-inferior to neuroradiologists in applying the ASPECT score to computed tomography scans of acute ischemic stroke patients. <i>International Journal of Stroke</i> , 2017 , 12, 615-622	6.3	104
171	Multidisciplinary Management of Pediatric Sports-Related Concussion. <i>Canadian Journal of Neurological Sciences</i> , 2017 , 44, 24-34	1	20
170	Prospective intraindividual comparison of gadoterate and gadobutrol for cervical and intracranial contrast-enhanced magnetic resonance angiography. <i>Neuroradiology</i> , 2017 , 59, 1233-1239	3.2	3
169	Fourth Ventricular Lesions in Metastatic Gliomas: A Rare Predilection?. <i>Brain Tumor Research and Treatment</i> , 2017 , 5, 24-29	1.4	2
168	High-resolution blood-pool-contrast-enhanced MR angiography in glioblastoma: tumor-associated neovascularization as a biomarker for patient survival. A preliminary study. <i>Neuroradiology</i> , 2016 , 58, 17-26	3.2	8
167	Brain magnetic resonance imaging CO2 stress testing in adolescent postconcussion syndrome. <i>Journal of Neurosurgery</i> , 2016 , 125, 648-60	3.2	54
166	Intravoxel Incoherent Motion Metrics as Potential Biomarkers for Survival in Glioblastoma. <i>PLoS ONE</i> , 2016 , 11, e0158887	3.7	25
165	Longitudinal Brain Magnetic Resonance Imaging CO2 Stress Testing in Individual Adolescent Sports-Related Concussion Patients: A Pilot Study. <i>Frontiers in Neurology</i> , 2016 , 7, 107	4.1	26
164	Traumatic Optic Neuropathy: A Potentially Unrecognized Diagnosis after Sports-Related Concussion. <i>Current Sports Medicine Reports</i> , 2016 , 15, 27-32	1.9	13
163	Disk displacement, eccentric condylar position, osteoarthritis - misnomers for variations of normality? Results and interpretations from an MRI study in two age cohorts. <i>BMC Oral Health</i> , 2016 , 16, 124	3.7	12
162	Movement Disorders and Metabolic Disease 2016 , 71-77		
161	Retirement-from-sport considerations following pediatric sports-related concussion: case illustrations and institutional approach. <i>Neurosurgical Focus</i> , 2016 , 40, E8	4.2	26
160	Brain: Radiotherapy. <i>Medical Radiology</i> , 2015 , 45-59	0.2	
159	Contralateral recurrence of tumefactive demyelination. <i>Neuroradiology Journal</i> , 2015 , 28, 493-7	2	1
158	Association of cortical thickness and neurological soft signs in patients with chronic schizophrenia and healthy controls. <i>Neuropsychobiology</i> , 2015 , 71, 225-33	4	15
157	Neuroimaging findings in pediatric sports-related concussion. <i>Journal of Neurosurgery: Pediatrics</i> , 2015 , 16, 241-7	2.1	42
156	Principles of T2 *-weighted dynamic susceptibility contrast MRI technique in brain tumor imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2015 , 41, 296-313	5.6	76

155	Magnetic Resonance Imaging and Computed Tomography of the Brain-50 Years of Innovation, With a Focus on the Future. <i>Investigative Radiology</i> , 2015 , 50, 551-6	10.1	17
154	Neuropsychology, autobiographical memory, and hippocampal volume in "younger" and "older" patients with chronic schizophrenia. <i>Frontiers in Psychiatry</i> , 2015 , 6, 53	5	15
153	Comparison of automated brain segmentation using a brain phantom and patients with early Alzheimer's dementia or mild cognitive impairment. <i>Psychiatry Research - Neuroimaging</i> , 2015 , 233, 299-305	3.9	29
152	Comparison of grey matter volume and thickness for analysing cortical changes in chronic schizophrenia: a matter of surface area, grey/white matter intensity contrast, and curvature. <i>Psychiatry Research - Neuroimaging</i> , 2015 , 231, 176-83	2.9	50
151	Prediction of treatment response in head and neck carcinomas using IVIM-DWI: Evaluation of lymph node metastasis. <i>European Journal of Radiology</i> , 2014 , 83, 783-7	4.7	62
150	Magnetic resonance imaging using gadolinium-based contrast agents. <i>Topics in Magnetic Resonance Imaging</i> , 2014 , 23, 51-69	2.3	18
149	Characterization and therapy monitoring of head and neck carcinomas using diffusion-imaging-based intravoxel incoherent motion parameters-preliminary results. <i>Neuroradiology</i> , 2013 , 55, 527-36	3.2	64
148	Perfusion MRI: the five most frequently asked clinical questions. <i>American Journal of Roentgenology</i> , 2013 , 201, W495-510	5.4	71
147	Albumin-binding MR blood pool contrast agent improves diagnostic performance in human brain tumour: comparison of two contrast agents for glioblastoma. <i>European Radiology</i> , 2013 , 23, 1093-101	8	8
146	Hippocampal volume reduction and autobiographical memory deficits in chronic schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2013 , 211, 189-94	2.9	29
145	Impaired cerebral glucose metabolism in prodromal Alzheimer's disease differs by regional intensity normalization. <i>Neuroscience Letters</i> , 2013 , 534, 12-7	3.3	21
144	Hippocampal and entorhinal cortex volume decline in cognitively intact elderly. <i>Psychiatry Research - Neuroimaging</i> , 2013 , 211, 31-6	2.9	18
143	Regional cerebral perfusion alterations in patients with mild cognitive impairment and Alzheimer disease using dynamic susceptibility contrast MRI. <i>Academic Radiology</i> , 2013 , 20, 705-11	4.3	23
142	Perfusion MRI: the five most frequently asked technical questions. <i>American Journal of Roentgenology</i> , 2013 , 200, 24-34	5.4	225
141	Optimizing contrast-enhanced magnetic resonance imaging characterization of brain metastases: relevance to stereotactic radiosurgery. <i>Neurosurgery</i> , 2013 , 72, 691-701	3.2	20
140	Perspectives of 3 T magnetic resonance imaging in radiosurgical treatment planning. <i>Acta Neurochirurgica Supplementum</i> , 2013 , 116, 187-91	1.7	5
139	Degenerative Brain Disease and Aging 2012 , 58-66		
138	Subcortical morphological correlates of impaired clock drawing performance. <i>Neuroscience Letters</i> , 2012 , 512, 28-32	3.3	10

137	Improvement of auditory hallucinations and reduction of primary auditory area's activation following TMS. <i>European Journal of Radiology</i> , 2012 , 81, 1273-5	4.7	14
136	Neurological soft signs and gray matter changes: a longitudinal analysis in first-episode schizophrenia. <i>Schizophrenia Research</i> , 2012 , 134, 27-32	3.6	56
135	Use of contrast media in neuroimaging. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2012 , 20, 633-48	1.6	18
134	Reduced gray to white matter tissue intensity contrast in schizophrenia. <i>PLoS ONE</i> , 2012 , 7, e37016	3.7	17
133	7 Tesla imaging of cerebral radiation necrosis after arteriovenous malformations treatment using amide proton transfer (APT) imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2012 , 35, 1207-9	5.6	16
132	Physical training improves motor performance in people with dementia: a randomized controlled trial. <i>Journal of the American Geriatrics Society</i> , 2012 , 60, 8-15	5.6	140
131	Hippocampal morphology and autobiographic memory in mild cognitive impairment and Alzheimer's disease. <i>Current Alzheimer Research</i> , 2012 , 9, 507-15	3	23
130	Hypersensitivity in borderline personality disorder during mindreading. <i>PLoS ONE</i> , 2012 , 7, e41650	3.7	99
129	Treatment monitoring in gliomas: comparison of dynamic susceptibility-weighted contrast-enhanced and spectroscopic MRI techniques for identifying treatment failure. <i>Investigative Radiology</i> , 2011 , 46, 390-400	10.1	36
128	Morphological cerebral correlates of CERAD test performance in mild cognitive impairment and Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2011 , 23, 411-20	4.3	50
127	Gray matter alterations in first-admission adolescents with schizophrenia. <i>Journal of Neuroimaging</i> , 2011 , 21, 241-6	2.8	19
126	Neurological signs and morphological cerebral changes in schizophrenia: An analysis of NSS subscales in patients with first episode psychosis. <i>Psychiatry Research - Neuroimaging</i> , 2011 , 192, 69-76	2.9	52
125	Changes in AVM angio-architecture and hemodynamics after stereotactic radiosurgery assessed by dynamic MRA and phase contrast flow assessments: a prospective follow-up study. <i>European Radiology</i> , 2011 , 21, 1267-76	8	17
124	βAmyloid (1-42) Levels in Cerebrospinal Fluid and Cerebral Atrophy in Mild Cognitive Impairment and Alzheimer's Disease. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2011 , 1, 393-401	2.5	
123	Tumor 2011 , 412-426		
122	Partially resected gliomas: diagnostic performance of fluid-attenuated inversion recovery MR imaging for detection of progression. <i>Radiology</i> , 2010 , 254, 907-16	20.5	19
121	High-contrast computed tomographic angiography better detects residual intracranial arteriovenous malformations in long-term follow-up after radiotherapy than 1.5-Tesla time-of-flight magnetic resonance angiography. <i>Acta Radiologica</i> , 2010 , 51, 64-70	2	8
120	Concentric resistance training increases muscle strength without affecting microcirculation. <i>European Journal of Radiology</i> , 2010 , 73, 614-21	4.7	11

119	Reduced prefrontal and orbitofrontal gray matter in female adolescents with borderline personality disorder: is it disorder specific?. <i>NeuroImage</i> , 2010 , 49, 114-20	7.9	111
118	Three-dimensional multiphase time-resolved low-dose contrast-enhanced magnetic resonance angiography using TWIST on a 32-channel coil at 3 T: a quantitative and qualitative comparison of a conventional gadolinium chelate with a high-relaxivity agent. <i>Journal of Computer Assisted Tomography</i> , 2010 , 34, 678-83	2.2	10
117	Biopsy targeting gliomas: do functional imaging techniques identify similar target areas?. <i>Investigative Radiology</i> , 2010 , 45, 755-68	10.1	49
116	Human brain tumor imaging with a protein-binding MR contrast agent: initial experience. <i>European Radiology</i> , 2010 , 20, 218-26	8	15
115	High-relaxivity contrast-enhanced magnetic resonance neuroimaging: a review. <i>European Radiology</i> , 2010 , 20, 2461-74	8	46
114	Detection of IDH1 mutations in gliomatosis cerebri, but only in tumors with additional solid component: evidence for molecular subtypes. <i>Acta Neuropathologica</i> , 2010 , 120, 261-7	14.3	40
113	Automated MR morphometry to predict Alzheimer's disease in mild cognitive impairment. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2010 , 5, 623-32	3.9	11
112	MRI-derived atrophy of the olfactory bulb and tract in mild cognitive impairment and Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2009 , 17, 213-21	4.3	58
111	Morphology, metabolism, microcirculation, and strength of skeletal muscles in cancer-related cachexia. <i>Acta Oncologica</i> , 2009 , 48, 116-24	3.2	73
110	Intraindividual comparison between gadopentetate dimeglumine and gadobutrol for magnetic resonance perfusion in normal brain and intracranial tumors at 3 Tesla. <i>Acta Radiologica</i> , 2009 , 50, 521-30	2	22
109	Cerebellar substructures and neurological soft signs in first-episode schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2009 , 173, 83-7	2.9	59
108	Hippocampal volume in first episode and recurrent depression. <i>Psychiatry Research - Neuroimaging</i> , 2009 , 174, 62-6	2.9	58
107	Reduced olfactory bulb and tract volume in early Alzheimer's disease--a MRI study. <i>Neurobiology of Aging</i> , 2009 , 30, 838-41	5.6	86
106	3D reconstructions of the cerebral ventricles and volume quantification in children with brain malformations. <i>Academic Radiology</i> , 2009 , 16, 610-7	4.3	20
105	Association of total tau and phosphorylated tau 181 protein levels in cerebrospinal fluid with cerebral atrophy in mild cognitive impairment and Alzheimer disease. <i>Journal of Psychiatry and Neuroscience</i> , 2009 , 34, 136-42	4.5	27
104	Life events and hippocampal volume in first-episode major depression. <i>Journal of Affective Disorders</i> , 2008 , 110, 241-7	6.6	24
103	The cerebellum in mild cognitive impairment and Alzheimer's disease - a structural MRI study. <i>Journal of Psychiatric Research</i> , 2008 , 42, 1198-202	5.2	75
102	Evaluation of disk position and prevalence of internal derangement, in a sample of the elderly, by gadolinium-enhanced magnetic resonance imaging. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008 , 106, 872-8		2

101	Comparison of manual direct and automated indirect measurement of hippocampus using magnetic resonance imaging. <i>European Journal of Radiology</i> , 2008 , 66, 268-73	4.7	21
100	Clock drawing performance and brain morphology in mild cognitive impairment and Alzheimer's disease. <i>Brain and Cognition</i> , 2008 , 67, 88-93	2.7	47
99	Pharmacokinetic analysis of malignant pleural mesothelioma-initial results of tumor microcirculation and its correlation to microvessel density (CD-34). <i>Academic Radiology</i> , 2008 , 15, 563-70	4.3	38
98	Apolipoprotein E polymorphism and brain morphology in mild cognitive impairment. <i>Dementia and Geriatric Cognitive Disorders</i> , 2008 , 26, 300-5	2.6	19
97	Degenerative Brain Disease 2008 , 58-64		1
96	Hippocampal volume and 2-year outcome in depression. <i>British Journal of Psychiatry</i> , 2008 , 192, 472-3	5.4	77
95	Manganese enhanced magnetic resonance imaging in a contusion model of spinal cord injury in rats: correlation with motor function. <i>Investigative Radiology</i> , 2008 , 43, 277-83	10.1	18
94	Intravascular contrast agent T1 shortening: fast T1 relaxometry in a carotid volunteer study. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2008 , 21, 363-8	2.8	10
93	Head and Neck Imaging. <i>European Radiology, Supplement</i> , 2008 , 18, 35-45		
92	Brain, Head, and Neck 2008 , 169-533		
91	Magnetic Resonance Imaging in Prevention of Alzheimer's Disease. <i>Medical Radiology</i> , 2008 , 233-248	0.2	
90	Vasovist in Brain Tumor Imaging 2008 , 169-179		
89	Head and Neck MRA 2008 , 59-68		1
88	Compliance with medication but not structural MRI measures predict functional outcome in first-episode schizophrenia patients. <i>Schizophrenia Research</i> , 2007 , 90, 355-6	3.6	7
87	3D radial projection technique with ultrashort echo times for sodium MRI: clinical applications in human brain and skeletal muscle. <i>Magnetic Resonance in Medicine</i> , 2007 , 57, 74-81	4.4	148
86	Assessment of metabolism and microcirculation of healthy skeletal muscles by magnetic resonance and ultrasound techniques. <i>Journal of Neuroimaging</i> , 2007 , 17, 323-31	2.8	13
85	Evaluation of intraaxial enhancing brain tumors on magnetic resonance imaging: intraindividual crossover comparison of gadobenate dimeglumine and gadopentetate dimeglumine for visualization and assessment, and implications for surgical intervention. <i>Journal of Neurosurgery</i> , 2007 , 106, 557-66	3.2	36
84	Direct and Indirect Measurement of Temporal Horn Volume and Temporal Horn Index and its Neuropsychological Correlation in Mild Cognitive Impaired and Alzheimer Diseased Patients. <i>Current Medical Imaging</i> , 2007 , 3, 242-248	1.2	1

83	Magnetic resonance angiography of the head and neck vessels. <i>European Radiology</i> , 2007 , 17 Suppl 2, B30-7	8	6
82	MR imaging of CNS tumors: are all contrast agents created the same?. <i>Neuroradiology</i> , 2006 , 48 Suppl 1, 3-8	3.2	4
81	Manganese-enhanced magnetic resonance imaging for in vivo assessment of damage and functional improvement following spinal cord injury in mice. <i>Magnetic Resonance in Medicine</i> , 2006 , 55, 1124-31	4.4	39
80	Pathologic skeletal muscle perfusion in patients with myositis: detection with quantitative contrast-enhanced US--initial results. <i>Radiology</i> , 2006 , 238, 640-9	20.5	65
79	Contrast enhancement of central nervous system lesions: multicenter intraindividual crossover comparative study of two MR contrast agents. <i>Radiology</i> , 2006 , 240, 389-400	20.5	72
78	Evaluation of patients with paramyotonia at ²³ Na MR imaging during cold-induced weakness. <i>Radiology</i> , 2006 , 240, 489-500	20.5	37
77	Dominant-negative inhibition of the Axl receptor tyrosine kinase suppresses brain tumor cell growth and invasion and prolongs survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 5799-804	11.5	200
76	Structural changes of the corpus callosum in mild cognitive impairment and Alzheimer's disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2006 , 21, 215-20	2.6	40
75	Diffusion tensor imaging in primary brain tumors: reproducible quantitative analysis of corpus callosum infiltration and contralateral involvement using a probabilistic mixture model. <i>NeuroImage</i> , 2006 , 31, 531-42	7.9	63
74	Enhancing lesions of the brain: intraindividual crossover comparison of contrast enhancement after gadobenate dimeglumine versus established gadolinium comparators. <i>Academic Radiology</i> , 2006 , 13, 744-51	4.3	23
73	Contrast-enhanced magnetic resonance imaging of central nervous system tumors: agents, mechanisms, and applications. <i>Topics in Magnetic Resonance Imaging</i> , 2006 , 17, 89-106	2.3	47
72	Intraindividual comparison of gadobenate dimeglumine and gadobutrol for cerebral magnetic resonance perfusion imaging at 1.5 T. <i>Investigative Radiology</i> , 2006 , 41, 256-63	10.1	44
71	Influence of human serum albumin on longitudinal and transverse relaxation rates (r1 and r2) of magnetic resonance contrast agents. <i>Investigative Radiology</i> , 2006 , 41, 222-8	10.1	100
70	Gadofluorine m uptake in stem cells as a new magnetic resonance imaging tracking method: an in vitro and in vivo study. <i>Investigative Radiology</i> , 2006 , 41, 868-73	10.1	43
69	Protocol design for high relaxivity contrast agents in MR imaging of the CNS. <i>European Radiology, Supplement</i> , 2006 , 16 Suppl 7, M3-7		8
68	Contrast-enhanced ultrasound in dermatomyositis- and polymyositis. <i>Journal of Neurology</i> , 2006 , 253, 1625-32	5.5	46
67	Gadobenate dimeglumine (MultiHance) in MR imaging of the CNS: studies to assess the benefits of a high relaxivity contrast agent. <i>Academic Radiology</i> , 2005 , 12 Suppl 1, S23-7	4.3	3
66	Reduced cerebellar volume and neurological soft signs in first-episode schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2005 , 140, 239-50	2.9	120

65	Primary and secondary brain tumors at MR imaging: bicentric intraindividual crossover comparison of gadobenate dimeglumine and gadopentetate dimeglumine. <i>Radiology</i> , 2004 , 230, 55-64	20.5	78
64	Plasticity of cortical activation related to working memory during training. <i>American Journal of Psychiatry</i> , 2004 , 161, 745-7	11.9	122
63	Neutralization of CD95 ligand promotes regeneration and functional recovery after spinal cord injury. <i>Nature Medicine</i> , 2004 , 10, 389-95	50.5	177
62	MultiHance in brain perfusion. <i>European Radiology, Supplement</i> , 2004 , 14 Suppl 7, O10-5; discussion O20-1		2
61	Quantification of perfusion of liver tissue and metastases using a multivessel model for replenishment kinetics of ultrasound contrast agents. <i>Ultrasound in Medicine and Biology</i> , 2004 , 30, 1355-63	3.5	51
60	Radiation-induced changes of brain tissue after radiosurgery in patients with arteriovenous malformations: dose/volume-response relations. <i>Strahlentherapie Und Onkologie</i> , 2004 , 180, 758-67	4.3	23
59	Radiation-induced changes of brain tissue after radiosurgery in patients with arteriovenous malformations: correlation with dose distribution parameters. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004 , 59, 796-808	4	62
58	Distribution of cerebral atrophy assessed by magnetic resonance imaging reflects patterns of neuropsychological deficits in Alzheimer's dementia. <i>Neuroscience Letters</i> , 2004 , 361, 17-20	3.3	33
57	Low mechanical index contrast-enhanced ultrasound better reflects high arterial perfusion of liver metastases than arterial phase computed tomography. <i>Investigative Radiology</i> , 2004 , 39, 216-22	10.1	32
56	Assessment of irradiated brain metastases by means of arterial spin-labeling and dynamic susceptibility-weighted contrast-enhanced perfusion MRI: initial results. <i>Investigative Radiology</i> , 2004 , 39, 277-87	10.1	84
55	Comparison of arterial spin-labeling techniques and dynamic susceptibility-weighted contrast-enhanced MRI in perfusion imaging of normal brain tissue. <i>Investigative Radiology</i> , 2003 , 38, 712-8	10.1	68
54	Parahippocampal volume deficits in subjects with aging-associated cognitive decline. <i>American Journal of Psychiatry</i> , 2003 , 160, 379-82	11.9	73
53	The use of the multislice CT for the determination of respiratory lung tumor movement in stereotactic single-dose irradiation. <i>Strahlentherapie Und Onkologie</i> , 2003 , 179, 542-7	4.3	53
52	Cerebrospinal fluid tau levels in Alzheimer's disease are elevated when compared with vascular dementia but do not correlate with measures of cerebral atrophy. <i>Psychiatry Research</i> , 2003 , 120, 231-8	9.9	37
51	Assessment of brain metastases with dynamic susceptibility-weighted contrast-enhanced MR imaging: initial results. <i>Radiology</i> , 2003 , 228, 193-9	20.5	91
50	Progressive medial temporal lobe changes in Alzheimer's disease revealed by quantitative MRI: potential use for monitoring of drug-related changes. <i>Drug Development Research</i> , 2002 , 56, 51-56	5.1	7
49	Cognitive function in patients with cerebral arteriovenous malformations after radiosurgery: prospective long-term follow-up. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002 , 54, 1430-7	4	30
48	Multiphase magnetic resonance angiography of the abdominal and pelvic arteries: results of a bicenter multireader analysis. <i>Investigative Radiology</i> , 2002 , 37, 20-8	10.1	16

47	Morphologic and functional magnetic resonance imaging of renal artery stenosis: a multireader tricenter study. <i>Journal of the American Society of Nephrology: JASN</i> , 2002 , 13, 158-169	12.7	96
46	Postoperative fluid-attenuated inversion recovery MR imaging of cerebral gliomas: initial results. <i>European Radiology</i> , 2001 , 11, 2004-10	8	28
45	Tumor angiogenesis of low-grade astrocytomas measured by dynamic susceptibility contrast-enhanced MRI (DSC-MRI) is predictive of local tumor control after radiation therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001 , 51, 478-82	4	80
44	Arteriovenous malformations: assessment of gliotic and ischemic changes with fluid-attenuated inversion-recovery MRI. <i>Investigative Radiology</i> , 2000 , 35, 689-94	10.1	17
43	Assessment of cerebral gliomas by a new dark fluid sequence, high intensity REduction (HIRE): a preliminary study. <i>Journal of Magnetic Resonance Imaging</i> , 2000 , 11, 506-17	5.6	13
42	Contrast optimization of fluid-attenuated inversion-recovery (FLAIR) MR imaging in patients with high CSF blood or protein content. <i>Magnetic Resonance in Medicine</i> , 2000 , 43, 764-7	4.4	13
41	Stereotactic fractionated radiotherapy for chordomas and chondrosarcomas of the skull base. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000 , 47, 591-6	4	215
40	Radiation-induced regional cerebral blood volume (rCBV) changes in normal brain and low-grade astrocytomas: quantification and time and dose-dependent occurrence. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000 , 48, 53-8	4	92
39	Disappearance of tumor contrast on contrast-enhanced FLAIR imaging of cerebral gliomas. <i>Magnetic Resonance Imaging</i> , 2000 , 18, 513-8	3.3	11
38	Percutaneous vascular intervention based on gadolinium-enhanced MR angiography. <i>Journal of Vascular and Interventional Radiology</i> , 2000 , 11, 739-46	2.4	16
37	Hepatic lesions: morphologic and functional characterization with multiphase breath-hold 3D gadolinium-enhanced MR angiography--initial results. <i>Radiology</i> , 1999 , 210, 89-96	20.5	53
36	Cerebral gliomas and metastases: assessment with contrast-enhanced fast fluid-attenuated inversion-recovery MR imaging. <i>Radiology</i> , 1999 , 210, 551-7	20.5	80
35	Renal arteries: optimization of three-dimensional gadolinium-enhanced MR angiography with bolus-timing-independent fast multiphase acquisition in a single breath hold. <i>Radiology</i> , 1999 , 211, 667-79	20.5	123
34	Comparison of diffusion anisotropy measurements in combination with the flair-technique. <i>Magnetic Resonance Imaging</i> , 1999 , 17, 705-16	3.3	39
33	High-resolution MR venography of cerebral arteriovenous malformations. <i>Magnetic Resonance Imaging</i> , 1999 , 17, 1417-25	3.3	76
32	Ventricular arrhythmia during MR angiography with fast ramping gradients in a patient with multiple coronary artery bypass grafts (CABG). <i>Journal of Magnetic Resonance Imaging</i> , 1999 , 9, 624-6	5.6	1
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