Marco Essig

List of Publications by Year
in descending order

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191	9,474	22153	49909
papers	citations	59 h-index	87 g-index

209	209	209	10911
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparison of DCE-MRI parametric mapping using MP2RAGE and variable flip angle T1 mapping. Magnetic Resonance Imaging, 2023, 95, 103-109.	1.8	1
2	Whole-Brain Dynamics in Aging: Disruptions in Functional Connectivity and the Role of the Rich Club. Cerebral Cortex, 2021, 31, 2466-2481.	2.9	29
3	Field-map correction in read-out segmented echo planar imaging for reduced spatial distortion in prostate DWI for MRI-guided radiotherapy applications. Magnetic Resonance Imaging, 2020, 67, 43-49.	1.8	5
4	Bariatric Surgeryâ€Induced Changes in Intimaâ€Media Thickness and Cardiovascular Risk Factors in Class 3 Obesity: A 3â€Year Followâ€Up Study. Obesity, 2020, 28, 1663-1670.	3.0	6
5	The Aging Imageomics Study: rationale, design and baseline characteristics of the study population. Mechanisms of Ageing and Development, 2020, 189, 111257.	4.6	18
6	Magnetic Resonance Imaging Biomarkers of Brain Connectivity in Predicting Outcome after Mild Traumatic Brain Injury: A Systematic Review. Journal of Neurotrauma, 2020, 37, 1761-1776.	3.4	30
7	Brain BOLD MRI O2 and CO2 stress testing: implications for perioperative neurocognitive disorder following surgery. Critical Care, 2020, 24, 76.	5.8	15
8	From â€œTime is Brainâ€• to â€œImaging is Brainâ€: A Paradigm Shift in the Management of Acute Ischemic Stroke. Journal of Neuroimaging, 2020, 30, 562-571.	2.0	56
9	Neurological soft signs (NSS) and brain morphology in patients with chronic schizophrenia and healthy controls. PLoS ONE, 2020, 15, e0231669.	2.5	11
10	Collateral Automation for Triage in Stroke: Evaluating Automated Scoring of Collaterals in Acute Stroke on Computed Tomography Scans. Cerebrovascular Diseases, 2019, 47, 217-222.	1.7	55
11	Predicting Motor Outcome in Acute Intracerebral Hemorrhage. American Journal of Neuroradiology, 2019, 40, 769-775.	2.4	14
12	Institutional review of glial tumors treated with chemotherapy: the first description of PCV-related pseudoprogression. Neuro-Oncology Practice, 2019, 6, 22-29.	1.6	3
13	Macrovascular Networks on Contrast-Enhanced Magnetic Resonance Imaging Improves Survival Prediction in Newly Diagnosed Glioblastoma. Cancers, 2019, 11, 84.	3.7	4
14	Laser ablation after stereotactic radiosurgery: a multicenter prospective study in patients with metastatic brain tumors and radiation necrosis. Journal of Neurosurgery, 2019, 130, 804-811.	1.6	114
15	Management and Return to Play Considerations in an Elite Hockey Player with Temporal Lobe Epilepsy. Current Sports Medicine Reports, 2018, 17, 10-12.	1.2	1
16	Good clinical and MRI outcome after arthroscopic autologous chondrocyte implantation for cartilage repair in the knee. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 831-839.	4.2	56
17	Resting-State Functional Connectivity Magnetic Resonance Imaging and Outcome After Acute Stroke. Stroke, 2018, 49, 2353-2360.	2.0	61
18	Patient-Specific Alterations in CO2 Cerebrovascular Responsiveness in Acute and Sub-Acute Sports-Related Concussion. Frontiers in Neurology, 2018, 9, 23.	2.4	43

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19	Fluid-Attenuated Inversion Recovery Signal Intensity as a Predictor of Gadolinium Enhancement in Relapsing-Remitting Multiple Sclerosis. International Journal of MS Care, 2018, 20, 62-66.	1.0	3
20	e-ASPECTS software is non-inferior to neuroradiologists in applying the ASPECT score to computed tomography scans of acute ischemic stroke patients. International Journal of Stroke, 2017, 12, 615-622.	5.9	154
21	Multidisciplinary Management of Pediatric Sports-Related Concussion. Canadian Journal of Neurological Sciences, 2017, 44, 24-34.	0.5	29
22	Prospective intraindividual comparison of gadoterate and gadobutrol for cervical and intracranial contrast-enhanced magnetic resonance angiography. Neuroradiology, 2017, 59, 1233-1239.	2.2	7
23	Fourth Ventricular Lesions in Metastatic Gliomas: A Rare Predilection?. Brain Tumor Research and Treatment, 2017, 5, 24.	1.0	3
24	Longitudinal Brain Magnetic Resonance Imaging CO2 Stress Testing in Individual Adolescent Sports-Related Concussion Patients:â€‰A Pilot Study. Frontiers in Neurology, 2016, 7, 107.	2.4	32
25	Traumatic Optic Neuropathy. Current Sports Medicine Reports, 2016, 15, 27-32.	1.2	15
26	Disk displacement, eccentric condylar position, osteoarthrosis â€“ misnomers for variations of normality? Results and interpretations from an MRI study in two age cohorts. BMC Oral Health, 2016, 16, 124.	2.3	16
27	Movement Disorders and Metabolic Disease. , 2016, , 71-77.		0
28	Retirement-from-sport considerations following pediatric sports-related concussion: case illustrations and institutional approach. Neurosurgical Focus, 2016, 40, E8.	2.3	35
29	Brain magnetic resonance imaging CO2 stress testing in adolescent postconcussion syndrome. Journal of Neurosurgery, 2016, 125, 648-660.	1.6	69
30	High-resolution blood-pool-contrast-enhanced MR angiography in glioblastoma: tumor-associated neovascularization as a biomarker for patient survival. A preliminary study. Neuroradiology, 2016, 58, 17-26.	2.2	12
31	Intravoxel Incoherent Motion Metrics as Potential Biomarkers for Survival in Glioblastoma. PLoS ONE, 2016, 11, e0158887.	2.5	32
32	Magnetic Resonance Imaging and Computed Tomography of the Brainâ€”50 Years of Innovation, With a Focus on the Future. Investigative Radiology, 2015, 50, 551-556.	6.2	23
33	Neuropsychology, autobiographical memory, and hippocampal volume in â€œyoungerâ€•and â€œolderâ€• patients with chronic schizophrenia. Frontiers in Psychiatry, 2015, 6, 53.	2.6	16
34	Comparison of automated brain segmentation using a brain phantom and patients with early Alzheimer's dementia or mild cognitive impairment. Psychiatry Research - Neuroimaging, 2015, 233, 299-305.	1.8	39
35	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. Psychiatry Research - Neuroimaging, 2015, 231, 176-183.	1.8	71
36	Brain: Radiotherapy. Medical Radiology, 2015, , 45-59.	0.1	0

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37	Contralateral recurrence of tumefactive demyelination. Neuroradiology Journal, 2015, 28, 493-497.	1.2	2
38	Association of Cortical Thickness and Neurological Soft Signs in Patients with Chronic Schizophrenia and Healthy Controls. Neuropsychobiology, 2015, 71, 225-233.	1.9	20
39	Neuroimaging findings in pediatric sports-related concussion. Journal of Neurosurgery: Pediatrics, 2015, 16, 241-247.	1.3	50
40	Principles of T₂*â€weighted dynamic susceptibility contrast MRI technique in brain tumor imaging. Journal of Magnetic Resonance Imaging, 2015, 41, 296-313.	3.4	112
41	Magnetic Resonance Imaging Using Gadolinium-Based Contrast Agents. Topics in Magnetic Resonance Imaging, 2014, 23, 51-69.	1.2	23
42	Prediction of treatment response in head and neck carcinomas using IVIM-DWI: Evaluation of lymph node metastasis. European Journal of Radiology, 2014, 83, 783-787.	2.6	69
43	Characterization and therapy monitoring of head and neck carcinomas using diffusion-imaging-based intravoxel incoherent motion parametersâ€"preliminary results. Neuroradiology, 2013, 55, 527-536.	2.2	77
44	Perfusion MRI: The Five Most Frequently Asked Clinical Questions. American Journal of Roentgenology, 2013, 201, W495-W510.	2.2	181
45	Albumin-binding MR blood pool contrast agent improves diagnostic performance in human brain tumour: comparison of two contrast agents for glioblastoma. European Radiology, 2013, 23, 1093-1101.	4.5	9
46	Hippocampal volume reduction and autobiographical memory deficits in chronic schizophrenia. Psychiatry Research - Neuroimaging, 2013, 211, 189-194.	1.8	35
47	Impaired cerebral glucose metabolism in prodromal Alzheimer's disease differs by regional intensity normalization. Neuroscience Letters, 2013, 534, 12-17.	2.1	24
48	Hippocampal and entorhinal cortex volume decline in cognitively intact elderly. Psychiatry Research - Neuroimaging, 2013, 211, 31-36.	1.8	23
49	Regional Cerebral Perfusion Alterations in Patients with Mild Cognitive Impairment and Alzheimer Disease Using Dynamic Susceptibility Contrast MRI. Academic Radiology, 2013, 20, 705-711.	2.5	27
50	Perfusion MRI: The Five Most Frequently Asked Technical Questions. American Journal of Roentgenology, 2013, 200, 24-34.	2.2	296
51	Optimizing Contrast-Enhanced Magnetic Resonance Imaging Characterization of Brain Metastases. Neurosurgery, 2013, 72, 691-701.	1.1	26
52	Perspectives of 3 T Magnetic Resonance Imaging in Radiosurgical Treatment Planning. Acta Neurochirurgica Supplementum, 2013, 116, 187-191.	1.0	5
53	Hippocampal Morphology and Autobiographic Memory in Mild Cognitive Impairment and Alzheimer's Disease. Current Alzheimer Research, 2012, 9, 507-515.	1.4	27
54	Degenerative Brain Disease and Aging. , 2012, , 58-66.		0

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55	Subcortical morphological correlates of impaired clock drawing performance. Neuroscience Letters, 2012, 512, 28-32.	2.1	11
56	Improvement of auditory hallucinations and reduction of primary auditory area's activation following TMS. European Journal of Radiology, 2012, 81, 1273-1275.	2.6	17
57	Neurological soft signs and gray matter changes: A longitudinal analysis in first-episode schizophrenia. Schizophrenia Research, 2012, 134, 27-32.	2.0	69
58	Use of Contrast Media in Neuroimaging. Magnetic Resonance Imaging Clinics of North America, 2012, 20, 633-648.	1.1	25
59	Reduced Gray to White Matter Tissue Intensity Contrast in Schizophrenia. PLoS ONE, 2012, 7, e37016.	2.5	23
60	7 tesla imaging of cerebral radiation necrosis after arteriovenous malformations treatment using amide proton transfer (APT) imaging. Journal of Magnetic Resonance Imaging, 2012, 35, 1207-1209.	3.4	16
61	Physical Training Improves Motor Performance in People with Dementia: A Randomized Controlled Trial. Journal of the American Geriatrics Society, 2012, 60, 8-15.	2.6	174
62	Hypersensitivity in Borderline Personality Disorder during Mindreading. PLoS ONE, 2012, 7, e41650.	2.5	123
63	Treatment Monitoring in Gliomas. Investigative Radiology, 2011, 46, 390-400.	6.2	42
64	Morphological Cerebral Correlates of CERAD Test Performance in Mild Cognitive Impairment and Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 23, 411-420.	2.6	63
65	Gray Matter Alterations in First-Admission Adolescents with Schizophrenia. , 2011, 21, 241-246.		21
66	Neurological signs and morphological cerebral changes in schizophrenia: An analysis of NSS subscales in patients with first episode psychosis. Psychiatry Research - Neuroimaging, 2011, 192, 69-76.	1.8	54
67	Changes in AVM angio-architecture and hemodynamics after stereotactic radiosurgery assessed by dynamic MRA and phase contrast flow assessments. European Radiology, 2011, 21, 1267-1276.	4.5	17
68	Î²-Amyloid (1â€“42) Levels in Cerebrospinal Fluid and Cerebral Atrophy in Mild Cognitive Impairment and Alzheimerâ€™s Disease. Dementia and Geriatric Cognitive Disorders Extra, 2011, 1, 393-401.	1.3	0
69	Tumor. , 2011, , 412-426.		0
70	Three-Dimensional Multiphase Time-Resolved Low-Dose Contrast-Enhanced Magnetic Resonance Angiography Using TWIST on a 32-Channel Coil at 3 T. Journal of Computer Assisted Tomography, 2010, 34, 678-683.	0.9	12
71	Biopsy Targeting Gliomas. Investigative Radiology, 2010, 45, 755-768.	6.2	57
72	Human brain tumor imaging with a protein-binding MR contrast agent: initial experience. European Radiology, 2010, 20, 218-226.	4.5	16

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73	High-relaxivity contrast-enhanced magnetic resonance neuroimaging: a review. European Radiology, 2010, 20, 2461-2474.	4.5	52
74	Detection of IDH1 mutations in gliomatosis cerebri, but only in tumors with additional solid component: evidence for molecular subtypes. Acta Neuropathologica, 2010, 120, 261-267.	7.7	47
75	Automated MR morphometry to predict Alzheimerâ€™s disease in mild cognitive impairment. International Journal of Computer Assisted Radiology and Surgery, 2010, 5, 623-632.	2.8	15
76	Partially Resected Gliomas: Diagnostic Performance of Fluid-attenuated Inversion Recovery MR Imaging for Detection of Progression. Radiology, 2010, 254, 907-916.	7.3	23
77	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. Acta Radiologica, 2010, 51, 64-70.	1.1	9
78	Concentric resistance training increases muscle strength without affecting microcirculation. European Journal of Radiology, 2010, 73, 614-621.	2.6	16
79	Reduced prefrontal and orbitofrontal gray matter in female adolescents with borderline personality disorder: Is it disorder specific?. NeuroImage, 2010, 49, 114-120.	4.2	134
80	MRI-Derived Atrophy of the Olfactory Bulb and Tract in Mild Cognitive Impairment and Alzheimer's Disease. Journal of Alzheimer's Disease, 2009, 17, 213-221.	2.6	78
81	Morphology, metabolism, microcirculation, and strength of skeletal muscles in cancer-related cachexia. Acta OncolÃ³gica, 2009, 48, 116-124.	1.8	89
82	Intraindividual comparison between gadopentetate dimeglumine and gadobutrol for magnetic resonance perfusion in normal brain and intracranial tumors at 3 tesla. Acta Radiologica, 2009, 50, 521-530.	1.1	24
83	Cerebellar substructures and neurological soft signs in first-episode schizophrenia. Psychiatry Research - Neuroimaging, 2009, 173, 83-87.	1.8	66
84	Hippocampal volume in first episode and recurrent depression. Psychiatry Research - Neuroimaging, 2009, 174, 62-66.	1.8	68
85	Reduced olfactory bulb and tract volume in early Alzheimer's diseaseâ€”A MRI study. Neurobiology of Aging, 2009, 30, 838-841.	3.1	124
86	3D Reconstructions of the Cerebral Ventricles and Volume Quantification in Children with Brain Malformations. Academic Radiology, 2009, 16, 610-617.	2.5	24
87	Association of total tau and phosphorylated tau 181 protein levels in cerebrospinal fluid with cerebral atrophy in mild cognitive impairment and Alzheimer disease. Journal of Psychiatry and Neuroscience, 2009, 34, 136-42.	2.4	32
88	Intravascular contrast agent T1 shortening: fast T1 relaxometry in a carotid volunteer study. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2008, 21, 363-368.	2.0	12
89	Head and Neck Imaging. European Radiology, Supplement, 2008, 18, 35-45.	1.4	0
90	Life events and hippocampal volume in first-episode major depression. Journal of Affective Disorders, 2008, 110, 241-247.	4.1	30

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91	The cerebellum in mild cognitive impairment and Alzheimerâ€™s disease â€“ A structural MRI study. Journal of Psychiatric Research, 2008, 42, 1198-1202.	3.1	95
92	Evaluation of disk position and prevalence of internal derangement, in a sample of the elderly, by gadolinium-enhanced magnetic resonance imaging. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 106, 872-878.	1.4	8
93	Comparison of manual direct and automated indirect measurement of hippocampus using magnetic resonance imaging. European Journal of Radiology, 2008, 66, 268-273.	2.6	24
94	Clock drawing performance and brain morphology in mild cognitive impairment and Alzheimerâ€™s disease. Brain and Cognition, 2008, 67, 88-93.	1.8	52
95	Pharmacokinetic Analysis of Malignant Pleural Mesotheliomaâ€”Initial Results of Tumor Microcirculation and its Correlation to Microvessel Density (CD-34). Academic Radiology, 2008, 15, 563-570.	2.5	44
96	Apolipoprotein E Polymorphism and Brain Morphology in Mild Cognitive Impairment. Dementia and Geriatric Cognitive Disorders, 2008, 26, 300-305.	1.5	23
97	Neurodegenerative changes in Alzheimer's disease: a comparative study of manual, semi-automated, and fully automated assessment using MRI. , 2008, , .		1
98	Degenerative Brain Disease. , 2008, , 58-64.		1
99	Hippocampal volume and 2-year outcome in depression. British Journal of Psychiatry, 2008, 192, 472-473.	2.8	97
100	Manganese Enhanced Magnetic Resonance Imaging in a Contusion Model of Spinal Cord Injury in Rats: Correlation With Motor Function. Investigative Radiology, 2008, 43, 277-283.	6.2	21
101	Head and Neck MRA. , 2008, , 59-68.		1
102	Magnetic Resonance Imaging in Prevention of Alzheimerâ€™s Disease. Medical Radiology, 2008, , 233-248.	0.1	0
103	VasovistÂ® in Brain Tumor Imaging. , 2008, , 169-179.		0
104	Brain, Head, and Neck. , 2008, , 169-533.		1
105	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. Journal of Neurosurgery, 2007, 106, 557-566.	1.6	40
106	Direct and Indirect Measurement of Temporal Horn Volume and Temporal Horn Index and its Neuropsychological Correlation in Mild Cognitive Impaired and Alzheimer Diseased Patients. Current Medical Imaging, 2007, 3, 242-248.	0.8	2
107	Compliance with medication but not structural MRI measures predict functional outcome in first-episode schizophrenia patientsâ˜†. Schizophrenia Research, 2007, 90, 355-356.	2.0	7
108	3D radial projection technique with ultrashort echo times for sodium MRI: Clinical applications in human brain and skeletal muscle. Magnetic Resonance in Medicine, 2007, 57, 74-81.	3.0	166

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109	Assessment of Metabolism and Microcirculation of Healthy Skeletal Muscles by Magnetic Resonance and Ultrasound Techniques. Journal of Neuroimaging, 2007, 17, 323-331.	2.0	18
110	Magnetic resonance angiography of the head and neck vessels. European Radiology, 2007, 17 Suppl 2, B30-7.	4.5	6
111	Diffusion tensor imaging in primary brain tumors: Reproducible quantitative analysis of corpus callosum infiltration and contralateral involvement using a probabilistic mixture model. NeuroImage, 2006, 31, 531-542.	4.2	71
112	Enhancing Lesions of the Brain. Academic Radiology, 2006, 13, 744-751.	2.5	26
113	Contrast-Enhanced Magnetic Resonance Imaging of Central Nervous System Tumors. Topics in Magnetic Resonance Imaging, 2006, 17, 89-106.	1.2	56
114	Intraindividual Comparison of Gadobenate Dimeglumine and Gadobutrol for Cerebral Magnetic Resonance Perfusion Imaging at 1.5 T. Investigative Radiology, 2006, 41, 256-263.	6.2	52
115	Influence of Human Serum Albumin on Longitudinal and Transverse Relaxation Rates (R1 and R2) of Magnetic Resonance Contrast Agents. Investigative Radiology, 2006, 41, 222-228.	6.2	105
116	Gadofluorine M Uptake in Stem Cells as a New Magnetic Resonance Imaging Tracking Method. Investigative Radiology, 2006, 41, 868-873.	6.2	49
117	Protocol design for high relaxivity contrast agents in MR imaging of the CNS. European Radiology, Supplement, 2006, 16, M3-M7.	1.4	8
118	Contrast-enhanced Ultrasound in Dermatomyositis- and Polymyositis. Journal of Neurology, 2006, 253, 1625-1632.	3.6	66
119	MR imaging of CNS tumors: are all contrast agents created the same?. Neuroradiology, 2006, 48, 3-8.	2.2	7
120	Manganese-enhanced magnetic resonance imaging for in vivo assessment of damage and functional improvement following spinal cord injury in mice. Magnetic Resonance in Medicine, 2006, 55, 1124-1131.	3.0	64
121	Pathologic Skeletal Muscle Perfusion in Patients with Myositis: Detection with Quantitative Contrast-enhanced USâ€"Initial Results. Radiology, 2006, 238, 640-649.	7.3	82
122	Contrast Enhancement of Central Nervous System Lesions: Multicenter Intraindividual Crossover Comparative Study of Two MR Contrast Agents. Radiology, 2006, 240, 389-400.	7.3	83
123	Evaluation of Patients with Paramyotonia at23Na MR Imaging during Cold-induced Weakness. Radiology, 2006, 240, 489-500.	7.3	40
124	Dominant-negative inhibition of the Axl receptor tyrosine kinase suppresses brain tumor cell growth and invasion and prolongs survival. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5799-5804.	7.1	215
125	Structural Changes of the Corpus Callosum in Mild Cognitive Impairment and Alzheimerâ€™s Disease. Dementia and Geriatric Cognitive Disorders, 2006, 21, 215-220.	1.5	67
126	Reduced cerebellar volume and neurological soft signs in first-episode schizophrenia. Psychiatry Research - Neuroimaging, 2005, 140, 239-250.	1.8	145

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127	Gadobenate dimeglumine (MultiHanceÂ®) in MR imaging of the CNS: studies to assess the benefits of a high relaxivity contrast agent. Academic Radiology, 2005, 12, S23-S27.	2.5	5
128	Primary and Secondary Brain Tumors at MR Imaging: Bicentric Intraindividual Crossover Comparison of Gadobenate Dimeglumine and Gadopentetate Dimeglumine. Radiology, 2004, 230, 55-64.	7.3	90
129	Plasticity of Cortical Activation Related to Working Memory During Training. American Journal of Psychiatry, 2004, 161, 745-747.	7.2	148
130	Neutralization of CD95 ligand promotes regeneration and functional recovery after spinal cord injury. Nature Medicine, 2004, 10, 389-395.	30.7	217
131	MultiHance in brain perfusion. European Radiology, Supplement, 2004, 14, O10-O15.	1.4	3
132	Quantification of perfusion of liver tissue and metastases using a multivessel model for replenishment kinetics of ultrasound contrast agents. Ultrasound in Medicine and Biology, 2004, 30, 1355-1363.	1.5	61
133	Radiation-Induced Changes of Brain Tissue after Radiosurgery in Patients with Arteriovenous Malformations: Dose/Volume-Response Relations. Strahlentherapie Und Onkologie, 2004, 180, 758-767.	2.0	24
134	Radiation-induced changes of brain tissue after radiosurgery in patients with arteriovenous malformations: correlation with dose distribution parameters. International Journal of Radiation Oncology Biology Physics, 2004, 59, 796-808.	0.8	73
135	Distribution of cerebral atrophy assessed by magnetic resonance imaging reflects patterns of neuropsychological deficits in Alzheimer's dementia. Neuroscience Letters, 2004, 361, 17-20.	2.1	37
136	Low Mechanical Index Contrast-Enhanced Ultrasound Better Reflects High Arterial Perfusion of Liver Metastases Than Arterial Phase Computed Tomography. Investigative Radiology, 2004, 39, 216-222.	6.2	36
137	Assessment of Irradiated Brain Metastases by Means of Arterial Spin-Labeling and Dynamic Susceptibility-Weighted Contrast-Enhanced Perfusion MRI. Investigative Radiology, 2004, 39, 277-287.	6.2	96
138	The Use of the Multislice CT for the Determination of Respiratory Lung Tumor Movement in Stereotactic Single-Dose Irradiation. Strahlentherapie Und Onkologie, 2003, 179, 542-547.	2.0	60
139	Cerebrospinal fluid tau levels in Alzheimer's disease are elevated when compared with vascular dementia but do not correlate with measures of cerebral atrophy. Psychiatry Research, 2003, 120, 231-238.	3.3	46
140	Assessment of Brain Metastases with Dynamic Susceptibility-weighted Contrast-enhanced MR Imaging: Initial Results. Radiology, 2003, 228, 193-199.	7.3	105
141	Comparison of Arterial Spin-Labeling Techniques and Dynamic Susceptibility-Weighted Contrast-Enhanced MRI in Perfusion Imaging of Normal Brain Tissue. Investigative Radiology, 2003, 38, 712-718.	6.2	75
142	Parahippocampal Volume Deficits in Subjects With Aging-Associated Cognitive Decline. American Journal of Psychiatry, 2003, 160, 379-382.	7.2	93
143	Multiphase Magnetic Resonance Angiography of the Abdominal and Pelvic Arteries. Investigative Radiology, 2002, 37, 20-28.	6.2	19
144	Progressive medial temporal lobe changes in Alzheimer's disease revealed by quantitative MRI: potential use for monitoring of drug-related changes. Drug Development Research, 2002, 56, 51-56.	2.9	13

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145	Cognitive function in patients with cerebral arteriovenous malformations after radiosurgery: prospective long-term follow-up. International Journal of Radiation Oncology Biology Physics, 2002, 54, 1430-1437.	0.8	33
146	Morphologic and Functional Magnetic Resonance Imaging of Renal Artery Stenosis. Journal of the American Society of Nephrology: JASN, 2002, 13, 158-169.	6.1	114
147	Postoperative fluid-attenuated inversion recovery MR imaging of cerebral gliomas: initial results. European Radiology, 2001, 11, 2004-2010.	4.5	34
148	Tumor angiogenesis of low-grade astrocytomas measured by dynamic susceptibility contrast-enhanced MRI (DSC-MRI) is predictive of local tumor control after radiation therapy. International Journal of Radiation Oncology Biology Physics, 2001, 51, 478-482.	0.8	89
149	Arteriovenous Malformations. Investigative Radiology, 2000, 35, 689-694.	6.2	19
150	Assessment of cerebral gliomas by a new dark fluid sequence, high intensity REduction (HIRE): A preliminary study. Journal of Magnetic Resonance Imaging, 2000, 11, 506-517.	3.4	18
151	Contrast optimization of fluid-attenuated inversion-recovery (FLAIR) MR imaging in patients with high CSF blood or protein content. Magnetic Resonance in Medicine, 2000, 43, 764-767.	3.0	16
152	Stereotactic fractionated radiotherapy for chordomas and chondrosarcomas of the skull base. International Journal of Radiation Oncology Biology Physics, 2000, 47, 591-596.	0.8	259
153	Radiation-induced regional cerebral blood volume (rCBV) changes in normal brain and low-grade astrocytomas: quantification and time and dose-dependent occurrence. International Journal of Radiation Oncology Biology Physics, 2000, 48, 53-58.	0.8	102
154	Disappearance of tumor contrast on contrast-enhanced FLAIR imaging of cerebral gliomas. Magnetic Resonance Imaging, 2000, 18, 513-518.	1.8	13
155	Percutaneous Vascular Intervention Based on Gadolinium-enhanced MR Angiography. Journal of Vascular and Interventional Radiology, 2000, 11, 739-746.	0.5	19
156	Hepatic Lesions: Morphologic and Functional Characterization with Multiphase Breath-hold 3D Gadolinium-enhanced MR Angiographyâ€"Initial Results. Radiology, 1999, 210, 89-96.	7.3	59
157	Cerebral Gliomas and Metastases: Assessment with Contrast-enhanced Fast Fluid-attenuated Inversion-Recovery MR Imaging. Radiology, 1999, 210, 551-557.	7.3	86
158	Renal Arteries: Optimization of Three-dimensional Gadolinium-enhanced MR Angiography with Bolus-timing-independent Fast Multiphase Acquisition in a Single Breath Hold. Radiology, 1999, 211, 667-679.	7.3	137
159	Comparison of diffusion anisotropy measurements in combination with the FLAIR-technique. Magnetic Resonance Imaging, 1999, 17, 705-716.	1.8	46
160	High-resolution MR venography of cerebral arteriovenous malformations. Magnetic Resonance Imaging, 1999, 17, 1417-1425.	1.8	91
161	Ventricular Arrhythmia During MR Angiography With Fast Ramping Gradients in a Patient With Multiple Coronary Artery Bypass Grafts (CABG). Journal of Magnetic Resonance Imaging, 1999, 9, 624-626.	3.4	1
162	MR microcirculation assessment in cervical cancer: Correlations with histomorphological tumor markers and clinical outcome. Journal of Magnetic Resonance Imaging, 1999, 10, 267-276.	3.4	93

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163	Comprehensive MR evaluation of renovascular disease in five breath holds. Journal of Magnetic Resonance Imaging, 1999, 10, 347-356.	3.4	41
164	Topography of callosal atrophy reflects distribution of regional cerebral volume reduction in Alzheimerâ€™s disease. Psychiatry Research - Neuroimaging, 1999, 90, 181-192.	1.8	65
165	Motor Dysfunction and Sensorimotor Cortex Activation Changes in Schizophrenia: A Study with Functional Magnetic Resonance Imaging. NeuroImage, 1999, 9, 81-87.	4.2	135
166	Treatment of cerebral Langerhans cell histiocytosis. Journal of the Neurological Sciences, 1999, 171, 145-152.	0.6	17
167	Abdominal Aortic Aneurysm. Investigative Radiology, 1999, 34, 648.	6.2	30
168	Pharmacokinetic MRI for assessment of malignant glioma response to stereotactic radiotherapy: Initial results. Journal of Magnetic Resonance Imaging, 1998, 8, 783-788.	3.4	47
169	Fast fluid-attenuated inversion-recovery (FLAIR) MRI in the assessment of intraaxial brain tumors. Journal of Magnetic Resonance Imaging, 1998, 8, 789-798.	3.4	59
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