

Alexander Radbruch

List of Publications by Year in descending order

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143
papers

7,544
citations

47006

47
h-index

58581

82
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146
all docs

146
docs citations

146
times ranked

9051
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor-associated epilepsy in patients with brain metastases: necrosis-to-tumor ratio forecasts postoperative seizure freedom. <i>Neurosurgical Review</i> , 2022, 45, 545-551.	2.4	2
2	Radiation exposure in the intra-arterial nimodipine therapy of subarachnoid hemorrhage related cerebral vasospasm. <i>Journal of Radiological Protection</i> , 2022, 42, 011513.	1.1	1
3	Phase I/II trial of meclofenamate in progressive MGMT-methylated glioblastoma under temozolomide second-line therapy—the MecMeth/NOA-24 trial. <i>Trials</i> , 2022, 23, 57.	1.6	10
4	Shape description and volumetry of hippocampus and amygdala in temporal lobe epilepsy — A beneficial combination with a clinical perspective. <i>Epilepsy and Behavior</i> , 2022, 128, 108560.	1.7	0
5	Benchmarking Safety Indicators of Surgical Treatment of Brain Metastases Combined with Intraoperative Radiotherapy: Results of Prospective Observational Study with Comparative Matched-Pair Analysis. <i>Cancers</i> , 2022, 14, 1515.	3.7	11
6	Proton Density Fat Fraction Spine MRI for Differentiation of Erosive Vertebral Endplate Degeneration and Infectious Spondylitis. <i>Diagnostics</i> , 2022, 12, 78.	2.6	5
7	Gadolinium retention in the tunica media of arterial walls—a complementary study using elemental bioimaging and immunogold staining. <i>Metallomics</i> , 2022, 14, .	2.4	0
8	Anterior chamber enhancement predicts optic nerve infiltration in retinoblastoma. <i>European Radiology</i> , 2022, 32, 7354-7364.	4.5	5
9	Effects of a 6-Month Aerobic Exercise Intervention on Mood and Amygdala Functional Plasticity in Young Untrained Subjects. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6078.	2.6	5
10	Coherent Structural and Functional Network Changes after Thalamic Lesions in Essential Tremor. <i>Movement Disorders</i> , 2022, 37, 1924-1929.	3.9	6
11	Temporal lobe epilepsy surgery: Piriform cortex resection impacts seizure control in the long-term. <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 1206-1211.	3.7	2
12	Dynamic Glucose-Enhanced MR Imaging. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2021, 29, 77-81.	1.1	7
13	Clinical Diffusion Mismatch to Select Pediatric Patients for Embolectomy 6 to 24 Hours After Stroke. <i>Neurology</i> , 2021, 96, e343-e351.	1.1	22
14	Deposition patterns of iatrogenic lanthanum and gadolinium in the human body depend on delivered chemical binding forms. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 63, 126665.	3.0	13
15	Estimation of radiation exposure of children undergoing superselective intra-arterial chemotherapy for retinoblastoma treatment: assessment of local diagnostic reference levels as a function of age, sex, and interventional success. <i>Neuroradiology</i> , 2021, 63, 391-398.	2.2	4
16	Multi-scale image analysis and prediction of visual field defects after selective amygdalohippocampectomy. <i>Scientific Reports</i> , 2021, 11, 1444.	3.3	3
17	Factors associated with early reperfusion improvement after intra-arterial fibrinolytics as rescue for mechanical thrombectomy. <i>Clinical and Translational Neuroscience</i> , 2021, 5, 2514183X2110173.	0.9	1
18	Safety and Angiographic Efficacy of Intra-Arterial Fibrinolytics as Adjunct to Mechanical Thrombectomy: Results from the INFINITY Registry. <i>Journal of Stroke</i> , 2021, 23, 91-102.	3.2	16

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19	Contrast agent dose reduction in computed tomography with deep learning using a conditional generative adversarial network. <i>European Radiology</i> , 2021, 31, 6087-6095.	4.5	24
20	Prognostic Value of Preoperative Inflammatory Markers in Melanoma Patients with Brain Metastases. <i>Journal of Clinical Medicine</i> , 2021, 10, 634.	2.4	12
21	Diagnostic Accuracy of Quantitative Imaging Biomarkers in the Differentiation of Benign and Malignant Vertebral Lesions. <i>Clinical Neuroradiology</i> , 2021, 31, 1059-1070.	1.9	9
22	The Impact of Prolonged Mechanical Ventilation on Overall Survival in Patients With Surgically Treated Brain Metastases. <i>Frontiers in Oncology</i> , 2021, 11, 658949.	2.8	10
23	Detection of Degenerative Changes on MR Images of the Lumbar Spine with a Convolutional Neural Network: A Feasibility Study. <i>Diagnostics</i> , 2021, 11, 902.	2.6	18
24	Outcome of Elderly Patients With Surgically Treated Brain Metastases. <i>Frontiers in Oncology</i> , 2021, 11, 713965.	2.8	14
25	Combined Assessment of Preoperative Frailty and Sarcopenia Allows the Prediction of Overall Survival in Patients with Lung Cancer (NSCLC) and Surgically Treated Brain Metastasis. <i>Cancers</i> , 2021, 13, 3353.	3.7	18
26	Ictal hypoperfusion and iron deposition in the symptomatogenic zone of epilepsy partialis continua â€œ A case report. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 89, 56-58.	2.0	0
27	Infratentorial MRI Findings in Rasmussen Encephalitis Suggest Primary Cerebellar Involvement. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, .	6.0	4
28	Treatment of progressive multifocal Leukoencephalopathy associated with idiopathic lymphocytopenia with Nivolumab. <i>Journal of the Neurological Sciences</i> , 2021, 427, 117503.	0.6	4
29	Generating Virtual Short Tau Inversion Recovery (STIR) Images from T1- and T2-Weighted Images Using a Conditional Generative Adversarial Network in Spine Imaging. <i>Diagnostics</i> , 2021, 11, 1542.	2.6	10
30	1.5 vs 3 Tesla Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2021, 56, 692-704.	6.2	6
31	Cortical representation of experimental periodontal pain: a functional magnetic resonance imaging study. <i>Scientific Reports</i> , 2021, 11, 15738.	3.3	1
32	Preoperative Metastatic Brain Tumor-Associated Intracerebral Hemorrhage Is Associated With Dismal Prognosis. <i>Frontiers in Oncology</i> , 2021, 11, 699860.	2.8	11
33	The Surgical Management of Brain Metastases in Non-Small Cell Lung Cancer (NSCLC): Identification of the Early Laboratory and Clinical Determinants of Survival. <i>Journal of Clinical Medicine</i> , 2021, 10, 4013.	2.4	1
34	Gadolinium Tissue Distribution in a Large-Animal Model after a Single Dose of Gadolinium-based Contrast Agents. <i>Radiology</i> , 2021, 301, 637-642.	7.3	17
35	Pre-examinations Improve Automated Metastases Detection on Cranial MRI. <i>Investigative Radiology</i> , 2021, 56, 320-327.	6.2	5
36	Feasibility, Safety, and Outcome of Endovascular Recanalization in Childhood Stroke. <i>JAMA Neurology</i> , 2020, 77, 25.	9.0	107

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37	Histopathology of retinoblastoma eyes enucleated after intra-arterial chemotherapy. <i>British Journal of Ophthalmology</i> , 2020, 104, 1171-1175.	3.9	16
38	Outcomes After Onyx Embolization as Primary Treatment for Cranial Dural Arteriovenous Fistula in the Past Decade. <i>Academic Radiology</i> , 2020, 27, e123-e131.	2.5	16
39	Primary Multivessel Occlusions Treated With Mechanical Thrombectomy. <i>Stroke</i> , 2020, 51, e232-e237.	2.0	7
40	Joint Imaging Platform for Federated Clinical Data Analytics. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 1027-1038.	2.1	39
41	Challenging Implications of Chronic Lymphocytic Inflammation with Pontine Perivascular Enhancement Responsive to Steroids Syndrome with an Atypical Presentation: Report of Two Cases. <i>World Neurosurgery</i> , 2020, 143, 507-512.e1.	1.3	5
42	No Changes in T1 Relaxometry After a Mean of 11 Administrations of Gadobutrol. <i>Investigative Radiology</i> , 2020, 55, 381-386.	6.2	6
43	The Gadolinium Deposition Debate and the Streetlight Effect: Should We Really Focus on the Brain?. <i>Radiology</i> , 2020, 297, 417-418.	7.3	7
44	Comorbidity Burden and Presence of Multiple Intracranial Lesions Are Associated with Adverse Events after Surgical Treatment of Patients with Brain Metastases. <i>Cancers</i> , 2020, 12, 3209.	3.7	21
45	Hemorrhage from cerebral cavernous malformations. <i>Neurology</i> , 2020, 95, e89-e96.	1.1	31
46	The anterior eye chamber: entry of the natural excretion pathway of gadolinium contrast agents?. <i>European Radiology</i> , 2020, 30, 4633-4640.	4.5	7
47	Is Histologic Thrombus Composition in Acute Stroke Linked to Stroke Etiology or to Interventional Parameters?. <i>American Journal of Neuroradiology</i> , 2020, 41, 650-657.	2.4	27
48	Does Device Selection Impact Recanalization Rate and Neurological Outcome?. <i>Stroke</i> , 2020, 51, 1182-1189.	2.0	22
49	Is Small Fiber Neuropathy Induced by Gadolinium-Based Contrast Agents?. <i>Investigative Radiology</i> , 2020, 55, 473-480.	6.2	28
50	Pathophysiology of Intracranial Aneurysms. <i>Stroke</i> , 2020, 51, 2505-2513.	2.0	18
51	Impact of early division of the middle cerebral artery on outcome following mechanical thrombectomy. <i>Interventional Neuroradiology</i> , 2020, 26, 389-395.	1.1	2
52	Chemical exchange saturation transfer (CEST) signal intensity at 7T MRI of WHO IV ^A gliomas is dependent on the anatomic location. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 777-785.	3.4	27
53	Macroangiopathy is a positive predictive factor for response to immunotherapy. <i>Scientific Reports</i> , 2019, 9, 9728.	3.3	6
54	Treatment allocation of ruptured anterior communicating artery aneurysms: The influence of aneurysm morphology. <i>Clinical Neurology and Neurosurgery</i> , 2019, 186, 105506.	1.4	4

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55	Blind Date with an Aneurysm: Acute M1 Middle Cerebral Artery Thrombus with Native Computed Tomography Scan Suggesting Aneurysm Rupture. <i>World Neurosurgery</i> , 2019, 132, 103-105.	1.3	2
56	Computer aided diagnosis for ASPECT rating: initial experiences with the Frontier ASPECT Score software. <i>Acta Radiologica</i> , 2019, 60, 1673-1679.	1.1	5
57	Regorafenib in patients with recurrent high-grade astrocytoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 1037-1042.	2.5	22
58	Automated quantitative tumour response assessment of MRI in neuro-oncology with artificial neural networks: a multicentre, retrospective study. <i>Lancet Oncology, The</i> , 2019, 20, 728-740.	10.7	271
59	Relaxation-compensated amide proton transfer (APT) MRI signal intensity is associated with survival and progression in high-grade glioma patients. <i>European Radiology</i> , 2019, 29, 4957-4967.	4.5	64
60	A rare case of a completely thrombosed bilobed giant intracranial aneurysm of the anterior cerebral artery with spontaneous parent vessel thrombosis: case report. <i>BMC Neurology</i> , 2019, 19, 297.	1.8	9
61	How Should We Measure Neurotoxicity of Gadolinium-Based Contrast Agents?. <i>Investigative Radiology</i> , 2019, 54, 464-465.	6.2	1
62	Gadolinium Deposition in the Brain in a Large Animal Model. <i>Investigative Radiology</i> , 2019, 54, 531-536.	6.2	53
63	Can Virtual Contrast Enhancement in Brain MRI Replace Gadolinium?. <i>Investigative Radiology</i> , 2019, 54, 653-660.	6.2	93
64	Glymphatic Pathway of Gadolinium-Based Contrast Agents Through the Brain. <i>Investigative Radiology</i> , 2019, 54, 229-237.	6.2	88
65	Effectiveness of Endovascular Recanalization Treatment for M2 Segment Occlusion: Comparison Between Intracranial ICA, M1, and M2 Segment Thrombectomy. <i>Academic Radiology</i> , 2019, 26, e298-e304.	2.5	7
66	Standardized assessment of the signal intensity increase on unenhanced T1-weighted images in the brain: the European Gadolinium Retention Evaluation Consortium (GREC) Task Force position statement. <i>European Radiology</i> , 2019, 29, 3959-3967.	4.5	26
67	Feasibility of intra-arterial chemotherapy for retinoblastoma: experiences in a large single center cohort study. <i>Neuroradiology</i> , 2019, 61, 351-357.	2.2	15
68	Diffusion-weighted imaging of the dentate nucleus after repeated application of gadolinium-based contrast agents in multiple sclerosis. <i>Magnetic Resonance Imaging</i> , 2019, 58, 1-5.	1.8	17
69	Radiomics Based on Adapted Diffusion Kurtosis Imaging Helps to Clarify Most Mammographic Findings Suspicious for Cancer. <i>Radiology</i> , 2018, 287, 761-770.	7.3	81
70	Preoperative assessment of haemostasis in patients undergoing stereotactic brain biopsy. <i>Journal of Clinical Neuroscience</i> , 2018, 53, 112-116.	1.5	13
71	Assessing the predictability of IDH mutation and MGMT methylation status in glioma patients using relaxation-compensated multipool CEST MRI at 7.0 T. <i>Neuro-Oncology</i> , 2018, 20, 1661-1671.	1.2	119
72	Radiomic subtyping improves disease stratification beyond key molecular, clinical, and standard imaging characteristics in patients with glioblastoma. <i>Neuro-Oncology</i> , 2018, 20, 848-857.	1.2	170

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73	Radiologic progression of glioblastoma under therapy – an exploratory analysis of AVAglio. <i>Neuro-Oncology</i> , 2018, 20, 557-566.	1.2	24
74	Chemical exchange saturation transfer MRI serves as predictor of early progression in glioblastoma patients. <i>Oncotarget</i> , 2018, 9, 28772-28783.	1.8	63
75	Automated ASPECT rating: comparison between the Frontier ASPECT Score software and the Brainomix software. <i>Neuroradiology</i> , 2018, 60, 1267-1272.	2.2	42
76	Gadolinium Deposition in the Brain: We Need to Differentiate between Chelated and Dechelated Gadolinium. <i>Radiology</i> , 2018, 288, 434-435.	7.3	36
77	Gadolinium-based contrast agents induce gadolinium deposits in cerebral vessel walls, while the neuropil is not affected: an autopsy study. <i>Acta Neuropathologica</i> , 2018, 136, 127-138.	7.7	45
78	Voxel-wise radiogenomic mapping of tumor location with key molecular alterations in patients with glioma. <i>Neuro-Oncology</i> , 2018, 20, 1517-1524.	1.2	36
79	Sensitivity of different MRI sequences in the early detection of melanoma brain metastases. <i>PLoS ONE</i> , 2018, 13, e0193946.	2.5	27
80	Assessment of tumor oxygenation and its impact on treatment response in bevacizumab-treated recurrent glioblastoma. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 485-494.	4.3	32
81	Downfield ¹⁹ F-MRS-suppressed amide ¹³ C-MRS at 7 Tesla provides a unique contrast in human glioblastoma. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 196-208.	3.0	108
82	Pediatric Brain: No Increased Signal Intensity in the Dentate Nucleus on Unenhanced T1-weighted MR Images after Consecutive Exposure to a Macrocyclic Gadolinium-based Contrast Agent. <i>Radiology</i> , 2017, 283, 828-836.	7.3	74
83	Fast and Quantitative T1-weighted Dynamic Glucose Enhanced MRI. <i>Scientific Reports</i> , 2017, 7, 42093.	3.3	58
84	Diagnosis and treatment of brain metastases from solid tumors: guidelines from the European Association of Neuro-Oncology (EANO). <i>Neuro-Oncology</i> , 2017, 19, 162-174.	1.2	381
85	T1-weighted Dynamic Glucose-enhanced MR Imaging in the Human Brain. <i>Radiology</i> , 2017, 285, 914-922.	7.3	72
86	Outcome of patients with proximal vessel occlusion of the anterior circulation and DWI-PWI mismatch is time-dependent. <i>European Journal of Radiology</i> , 2017, 91, 82-87.	2.6	14
87	No Signal Intensity Increase in the Dentate Nucleus on Unenhanced T1-weighted MR Images after More than 20 Serial Injections of Macrocyclic Gadolinium-based Contrast Agents. <i>Radiology</i> , 2017, 282, 699-707.	7.3	98
88	Interpreting signal-intensity ratios without visible T1 hyperintensities in clinical gadolinium retention studies. <i>Pediatric Radiology</i> , 2017, 47, 1688-1689.	2.0	19
89	Revealing Hidden Potentials of the q-Space Signal in Breast Cancer. <i>Lecture Notes in Computer Science</i> , 2017, , 664-671.	1.3	6
90	Chelated or dechelated gadolinium deposition. <i>Lancet Neurology</i> , The, 2017, 16, 955.	10.2	19

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91	Adiabatically prepared spinlock approach for T1-based dynamic glucose enhanced MRI at ultrahigh fields. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 215-225.	3.0	71
92	Differentiation of pseudoprogression and real progression in glioblastoma using ADC parametric response maps. <i>PLoS ONE</i> , 2017, 12, e0174620.	2.5	39
93	Tumor Infiltration in Enhancing and Non-Enhancing Parts of Glioblastoma: A Correlation with Histopathology. <i>PLoS ONE</i> , 2017, 12, e0169292.	2.5	113
94	Time-dependent parameter of perfusion imaging as independent predictor of clinical outcome in symptomatic carotid artery stenosis. <i>BMC Neurology</i> , 2016, 16, 50.	1.8	3
95	Are some agents less likely to deposit gadolinium in the brain?. <i>Magnetic Resonance Imaging</i> , 2016, 34, 1351-1354.	1.8	59
96	Radiogenomics of Glioblastoma: Machine Learning-based Classification of Molecular Characteristics by Using Multiparametric and Multiregional MR Imaging Features. <i>Radiology</i> , 2016, 281, 907-918.	7.3	236
97	Large-scale Radiomic Profiling of Recurrent Glioblastoma Identifies an Imaging Predictor for Stratifying Anti-Angiogenic Treatment Response. <i>Clinical Cancer Research</i> , 2016, 22, 5765-5771.	7.0	230
98	Intraindividual Analysis of Signal Intensity Changes in the Dentate Nucleus After Consecutive Serial Applications of Linear and Macrocyclic Gadolinium-Based Contrast Agents. <i>Investigative Radiology</i> , 2016, 51, 683-690.	6.2	82
99	Radiomic Profiling of Glioblastoma: Identifying an Imaging Predictor of Patient Survival with Improved Performance over Established Clinical and Radiologic Risk Models. <i>Radiology</i> , 2016, 280, 880-889.	7.3	345
100	Clinical parameters outweigh diffusion- and perfusion-derived MRI parameters in predicting survival in newly diagnosed glioblastoma. <i>Neuro-Oncology</i> , 2016, 18, 1673-1679.	1.2	36
101	Prognostic value of the extent of resection in supratentorial WHO grade II astrocytomas stratified for IDH1 mutation status: a single-center volumetric analysis. <i>Journal of Neuro-Oncology</i> , 2016, 129, 319-328.	2.9	25
102	Prognostic value of combined visualization of MR diffusion and perfusion maps in glioblastoma. <i>Journal of Neuro-Oncology</i> , 2016, 126, 463-472.	2.9	21
103	MR Perfusion-derived Hemodynamic Parametric Response Mapping of Bevacizumab Efficacy in Recurrent Glioblastoma. <i>Radiology</i> , 2016, 279, 542-552.	7.3	51
104	Cortical vessel sign on susceptibility weighted imaging reveals clinically relevant hypoperfusion in internal carotid artery stenosis. <i>European Journal of Radiology</i> , 2016, 85, 534-539.	2.6	20
105	Current status and future directions of anti-angiogenic therapy for gliomas. <i>Neuro-Oncology</i> , 2016, 18, 315-328.	1.2	61
106	Capillary Transit Time Heterogeneity Is Associated with Modified Rankin Scale Score at Discharge in Patients with Bilateral High Grade Internal Carotid Artery Stenosis. <i>PLoS ONE</i> , 2016, 11, e0158148.	2.5	16
107	Automatic Analysis of Cellularity in Glioblastoma and Correlation with ADC Using Trajectory Analysis and Automatic Nuclei Counting. <i>PLoS ONE</i> , 2016, 11, e0160250.	2.5	35
108	IDH mutation status is associated with a distinct hypoxia/angiogenesis transcriptome signature which is non-invasively predictable with rCBV imaging in human glioma. <i>Scientific Reports</i> , 2015, 5, 16238.	3.3	259

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109	High-Signal Intensity in the Dentate Nucleus and Globus Pallidus on Unenhanced T1-Weighted Images. <i>Investigative Radiology</i> , 2015, 50, 805-810.	6.2	188
110	Quantitative pulsed CEST-MRI using ρ -plots. <i>NMR in Biomedicine</i> , 2015, 28, 1196-1208.	2.8	43
111	Increased Signal Intensity in the Dentate Nucleus on Unenhanced T1-Weighted Images After Gadobenate Dimeglumine Administration. <i>Investigative Radiology</i> , 2015, 50, 743-748.	6.2	151
112	Nuclear Overhauser Enhancement Imaging of Glioblastoma at 7 Tesla: Region Specific Correlation with Apparent Diffusion Coefficient and Histology. <i>PLoS ONE</i> , 2015, 10, e0121220.	2.5	36
113	Pseudoprogression in patients with glioblastoma: clinical relevance despite low incidence. <i>Neuro-Oncology</i> , 2015, 17, 151-159.	1.2	90
114	Intracranial haemorrhage in patients treated with direct oral anticoagulants. <i>Thrombosis Research</i> , 2015, 136, 560-565.	1.7	33
115	Relative cerebral blood volume is a potential predictive imaging biomarker of bevacizumab efficacy in recurrent glioblastoma. <i>Neuro-Oncology</i> , 2015, 17, 1139-1147.	1.2	89
116	Relaxation-compensated CEST-MRI of the human brain at 7 T: Unbiased insight into NOE and amide signal changes in human glioblastoma. <i>NeuroImage</i> , 2015, 112, 180-188.	4.2	165
117	Evaluation of dynamic contrast-enhanced MRI derived microvascular permeability in recurrent glioblastoma treated with bevacizumab. <i>Journal of Neuro-Oncology</i> , 2015, 121, 373-380.	2.9	43
118	Gadolinium Retention in the Dentate Nucleus and Globus Pallidus Is Dependent on the Class of Contrast Agent. <i>Radiology</i> , 2015, 275, 783-791.	7.3	507
119	Correction of B_1 inhomogeneities for relaxation-compensated CEST imaging at 7T. <i>NMR in Biomedicine</i> , 2015, 28, 529-537.	2.8	180
120	Association of overall survival in patients with newly diagnosed glioblastoma with contrast-enhanced perfusion MRI: Comparison of intraindividually matched T_1 - and T_2 -based bolus techniques. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 87-96.	3.4	61
121	Asymmetry of Deep Medullary Veins on Susceptibility Weighted MRI in Patients with Acute MCA Stroke Is Associated with Poor Outcome. <i>PLoS ONE</i> , 2015, 10, e0120801.	2.5	49
122	The emerging role of advanced neuroimaging techniques for brain metastases. <i>Chinese Clinical Oncology</i> , 2015, 4, 23.	1.2	13
123	Quantification of Tumor Vessels in Glioblastoma Patients Using Time-of-Flight Angiography at 7 Tesla: A Feasibility Study. <i>PLoS ONE</i> , 2014, 9, e110727.	2.5	30
124	In Vivo ^{35}Cl MR Imaging in Humans: A Feasibility Study. <i>Radiology</i> , 2014, 271, 585-595.	7.3	50
125	Primary Central Nervous System Lymphoma and Atypical Glioblastoma: Multiparametric Differentiation by Using Diffusion-, Perfusion-, and Susceptibility-weighted MR Imaging. <i>Radiology</i> , 2014, 272, 843-850.	7.3	137
126	Peripheral Nerve Perfusion by Dynamic Contrast-Enhanced Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2014, 49, 518-523.	6.2	31

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127	Towards optimizing the sequence of bevacizumab and nitrosoureas in recurrent malignant glioma. <i>Journal of Neuro-Oncology</i> , 2014, 117, 85-92.	2.9	11
128	Peripheral Neuropathy: Detection with Diffusion-Tensor Imaging. <i>Radiology</i> , 2014, 273, 185-193.	7.3	86
129	Progression types after antiangiogenic therapy are related to outcome in recurrent glioblastoma. <i>Neurology</i> , 2014, 82, 1684-1692.	1.1	101
130	Direct 17O MRI with partial volume correction: first experiences in a glioblastoma patient. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2014, 27, 579-587.	2.0	52
131	Integrated DNA methylation and copy-number profiling identify three clinically and biologically relevant groups of anaplastic glioma. <i>Acta Neuropathologica</i> , 2014, 128, 561-571.	7.7	176
132	Infiltrative patterns of glioblastoma: Identification of tumor progress using apparent diffusion coefficient histograms. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 1096-1103.	3.4	25
133	Nuclear Overhauser Enhancement Mediated Chemical Exchange Saturation Transfer Imaging at 7 Tesla in Glioblastoma Patients. <i>PLoS ONE</i> , 2014, 9, e104181.	2.5	62
134	Differentiation of glioblastoma and primary CNS lymphomas using susceptibility weighted imaging. <i>European Journal of Radiology</i> , 2013, 82, 552-556.	2.6	56
135	Regional Cerebral Perfusion Alterations in Patients with Mild Cognitive Impairment and Alzheimer Disease Using Dynamic Susceptibility Contrast MRI. <i>Academic Radiology</i> , 2013, 20, 705-711.	2.5	27
136	Quantitative Susceptibility Mapping Differentiates between Blood Depositions and Calcifications in Patients with Glioblastoma. <i>PLoS ONE</i> , 2013, 8, e57924.	2.5	137
137	MR imaging of protein folding <i>in vitro</i> employing Nuclear Overhauser-mediated saturation transfer. <i>NMR in Biomedicine</i> , 2013, 26, 1815-1822.	2.8	72
138	Comparison of Susceptibility Weighted Imaging and TOF-Angiography for the Detection of Thrombi in Acute Stroke. <i>PLoS ONE</i> , 2013, 8, e63459.	2.5	48
139	Relevance of T2 signal changes in the assessment of progression of glioblastoma according to the Response Assessment in Neurooncology criteria. <i>Neuro-Oncology</i> , 2012, 14, 222-229.	1.2	76
140	Differentiation of brain metastases by percentagewise quantification of intratumoral-susceptibility-signals at 3Tesla. <i>European Journal of Radiology</i> , 2012, 81, 4064-4068.	2.6	26
141	The Potential of Relaxation-Weighted Sodium Magnetic Resonance Imaging as Demonstrated on Brain Tumors. <i>Investigative Radiology</i> , 2011, 46, 539-547.	6.2	98
142	Comment on: Use of MR Venography for Characterization of the Extracranial Venous System in Patients with Multiple Sclerosis and Healthy Control Subjects. <i>Clinical Neuroradiology</i> , 2011, 21, 41-42.	1.9	2
143	Single nucleotide polymorphisms in the VKORC1 gene and the risk of stroke in the Southern German population. <i>Thrombosis and Haemostasis</i> , 2008, 100, 614-617.	3.4	8