

# Uwe Klose

## List of Publications by Year in descending order

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149  
papers

6,519  
citations

81900

39  
h-index

71685

76  
g-index

156  
all docs

156  
docs citations

156  
times ranked

7592  
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of Cortical and Cerebellar Motor Areas during Executed and Imagined Hand Movements: An fMRI Study. <i>Journal of Cognitive Neuroscience</i> , 1999, 11, 491-501.	2.3	858
2	In vivo proton spectroscopy in presence of eddy currents. <i>Magnetic Resonance in Medicine</i> , 1990, 14, 26-30.	3.0	544
3	fMRI reveals amygdala activation to human faces in social phobics. <i>NeuroReport</i> , 1998, 9, 1223-1226.	1.2	364
4	Functional lateralization of speech production at primary motor cortex. <i>NeuroReport</i> , 1996, 7, 2791-2796.	1.2	194
5	Comparison of longitudinal metabolite relaxation times in different regions of the human brain at 1.5 and 3 Tesla. <i>Magnetic Resonance in Medicine</i> , 2003, 50, 1296-1301.	3.0	194
6	Functional MRI reveals left amygdala activation during emotion. <i>Psychiatry Research - Neuroimaging</i> , 1997, 76, 75-82.	1.8	193
7	FAIR true-FISP perfusion imaging of the kidneys. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 353-361.	3.0	176
8	Parameterized evaluation of macromolecules and lipids in proton MR spectroscopy of brain diseases. <i>Magnetic Resonance in Medicine</i> , 2003, 49, 19-28.	3.0	174
9	Activation of human language processing brain regions after the presentation of random letter strings demonstrated with event-related functional magnetic resonance imaging. <i>Neuroscience Letters</i> , 1999, 270, 13-16.	2.1	146
10	MR Imaging and <sup>1</sup> H Spectroscopy of Brain Metabolites in Hepatic Encephalopathy: Time-Course of Renormalization after Liver Transplantation. <i>Radiology</i> , 2000, 216, 683-691.	7.3	129
11	Single-shot compensation of image distortions and BOLD contrast optimization using multi-echo EPI for real-time fMRI. <i>NeuroImage</i> , 2005, 24, 1068-1079.	4.2	126
12	Multiregional brain iron deficiency in restless legs syndrome. <i>Movement Disorders</i> , 2008, 23, 1184-1187.	3.9	126
13	Diffusion-weighted MRI of spinal cord infarction. <i>Journal of Neurology</i> , 2004, 251, 818-24.	3.6	104
14	<sup>1</sup> H MR spectroscopy of inflammation, infection and ischemia of the brain. <i>European Journal of Radiology</i> , 2008, 67, 250-257.	2.6	104
15	Relation between Regional Functional MRI Activation and Vascular Reactivity to Carbon Dioxide during Normal Aging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, 23, 565-573.	4.3	100
16	Neonatal Cerebral Infarction Diagnosed by Diffusion-Weighted MRI. <i>Stroke</i> , 2002, 33, 1142-1145.	2.0	96
17	Sequential activation of supplementary motor area and primary motor cortex during self-paced finger movement in human evaluated by functional MRI. <i>Neuroscience Letters</i> , 1997, 227, 161-164.	2.1	95
18	Comparing motion- and imagery-related activation in the human cerebellum: A functional MRI study. <i>Human Brain Mapping</i> , 1998, 6, 105-113.	3.6	92

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19	Intravoxel incoherent motion diffusion-weighted MR imaging of gliomas: feasibility of the method and initial results. <i>Neuroradiology</i> , 2013, 55, 1189-1196.	2.2	91
20	Localized Proton Magnetic Resonance Spectroscopy of the Cerebellum in Detoxifying Alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , 1999, 23, 158-163.	2.4	84
21	Normalized perfusion MRI to identify common areas of dysfunction: patients with basal ganglia neglect. <i>Brain</i> , 2005, 128, 2462-2469.	7.6	83
22	Dopamine Reduction in the Substantia Nigra of Parkinson's Disease Patients Confirmed by In Vivo Magnetic Resonance Spectroscopic Imaging. <i>PLoS ONE</i> , 2014, 9, e84081.	2.5	80
23	Clinical and brain imaging characteristics in leucineâ€rich repeat kinase 2â€associated PD and asymptomatic mutation carriers. <i>Movement Disorders</i> , 2011, 26, 2335-2342.	3.9	65
24	Reliability and exactness of MRI-based volumetry: A phantom study. <i>Journal of Magnetic Resonance Imaging</i> , 1996, 6, 700-704.	3.4	64
25	Reduced sound-evoked and resting-state BOLD fMRI connectivity in tinnitus. <i>NeuroImage: Clinical</i> , 2018, 20, 637-649.	2.7	61
26	Perfusion Imaging in Pusher Syndrome to Investigate the Neural Substrates Involved in Controlling Upright Body Position. <i>PLoS ONE</i> , 2009, 4, e5737.	2.5	60
27	Mapping of the radio frequency magnetic field with a MR snapshot FLASH technique. <i>Medical Physics</i> , 1992, 19, 1099-1104.	3.0	58
28	Proton magnetic resonance spectroscopy with metabolite nulling reveals regional differences of macromolecules in normal human brain. <i>Journal of Magnetic Resonance Imaging</i> , 2002, 16, 538-546.	3.4	58
29	Dynamic pattern of brain activation during sequencing of word strings evaluated by fMRI. <i>Cognitive Brain Research</i> , 1999, 7, 285-294.	3.0	56
30	In vivo molecular profiling of human glioma using diffusion kurtosis imaging. <i>Journal of Neuro-Oncology</i> , 2017, 131, 93-101.	2.9	56
31	Glioma Grading and Determination of IDH Mutation Status and ATRX loss by DCE and ASL Perfusion. <i>Clinical Neuroradiology</i> , 2018, 28, 421-428.	1.9	52
32	Correlative assessment of tumor microcirculation using contrastâ€enhanced perfusion MRI and intravoxel incoherent motion diffusionâ€weighted MRI: is there a link between them?. <i>NMR in Biomedicine</i> , 2014, 27, 1184-1191.	2.8	50
33	Enhanced Central Neural Gain Compensates Acoustic Trauma-induced Cochlear Impairment, but Unlikely Correlates with Tinnitus and Hyperacusis. <i>Neuroscience</i> , 2019, 407, 146-169.	2.3	50
34	Reliable detection of macromolecules in single-volume 1H NMR spectra of the human brain. <i>Magnetic Resonance in Medicine</i> , 2001, 45, 948-954.	3.0	48
35	Intracranial oscillations of cerebrospinal fluid and blood flows: Analysis with magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2002, 15, 251-258.	3.4	47
36	Comparison of a 32â€channel with a 12â€channel head coil: Are there relevant improvements for functional imaging?. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 173-183.	3.4	47

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37	Diffusion Tensor Imaging in a Human PET/MR Hybrid System. <i>Investigative Radiology</i> , 2010, 45, 270-274.	6.2	46
38	Improvement of the acquisition of a large amount of MR images on a conventional whole body system. <i>Magnetic Resonance Imaging</i> , 1999, 17, 471-474.	1.8	42
39	Determination of the apparent transverse and axial dispersion coefficients in a chromatographic column by pulsed field gradient nuclear magnetic resonance. <i>Journal of Chromatography A</i> , 1995, 694, 321-331.	3.7	40
40	FAIR-TrueFISP imaging of cerebral perfusion in areas of high magnetic susceptibility differences at 1.5 and 3 Tesla. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 25, 924-931.	3.4	38
41	Functional MRI of cerebral activation during encoding and retrieval of words. , 1999, 8, 157-169.		37
42	Reproducibility and consistency of evaluation techniques for HARDI data. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2009, 22, 63-70.	2.0	37
43	The Role of Temporo-parietal Cortex in Subcortical Visual Extinction. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 2141-2150.	2.3	37
44	Assessing White Matter Microstructure in Brain Regions with Different Myelin Architecture Using MRI. <i>PLoS ONE</i> , 2016, 11, e0167274.	2.5	37
45	Lactate quantification by means of press spectroscopyâ€™Influence of refocusing pulses and timing scheme. <i>Magnetic Resonance Imaging</i> , 1995, 13, 309-319.	1.8	36
46	Role of hydrodynamic processes in the pathogenesis of peritumoral brain edema in meningiomas. <i>Journal of Neurosurgery</i> , 2000, 93, 594-604.	1.6	35
47	Water diffusion anisotropy in white and gray matter of the human spinal cord. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 476-482.	3.4	35
48	Imaging features in conventional MRI, spectroscopy and diffusion weighted images of hereditary diffuse leukoencephalopathy with axonal spheroids (HDLS). <i>Journal of Neurology</i> , 2014, 261, 2351-2359.	3.6	35
49	Measurement sequences for single voxel proton MR spectroscopy. <i>European Journal of Radiology</i> , 2008, 67, 194-201.	2.6	34
50	The effects of linearly increasing flip angles on 3D inflow MR angiography. <i>Magnetic Resonance in Medicine</i> , 1994, 31, 561-566.	3.0	32
51	Directional colour encoding of the human thalamus by diffusion tensor imaging. <i>Neuroscience Letters</i> , 2008, 434, 322-327.	2.1	31
52	Evaluation of multimodal segmentation based on 3D T1-, T2- and FLAIR-weighted images â€“ the difficulty of choosing. <i>NeuroImage</i> , 2018, 170, 210-221.	4.2	31
53	Coregistration of EEG and fMRI in a simple motor task. , 1996, 4, 199-209.		30
54	Gray and white matter alterations in hereditary spastic paraplegia type SPG4 and clinical correlations. <i>Journal of Neurology</i> , 2015, 262, 1961-1971.	3.6	30

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55	Proton Spectroscopy of Human Brain with Very Short Echo Time Using High Gradient Amplitudes. <i>Magnetic Resonance Imaging</i> , 1998, 16, 55-62.	1.8	29
56	IVIM analysis of brain tumors: an investigation of the relaxation effects of CSF, blood, and tumor tissue on the estimated perfusion fraction. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2015, 28, 377-383.	2.0	28
57	Hypercapnic BOLD MRI compared to H215O PET/CT for the hemodynamic evaluation of patients with Moyamoya Disease. <i>NeuroImage: Clinical</i> , 2019, 22, 101713.	2.7	28
58	Dynamic Sequential MR Imaging of Focal Liver Lesions. <i>Journal of Computer Assisted Tomography</i> , 1990, 14, 600-607.	0.9	27
59	Intra-individual Crossover Comparison of Gadobenate Dimeglumine and Gadopentetate Dimeglumine for Contrast-Enhanced Magnetic Resonance Angiography of the Supraaortic Vessels at 3 Tesla. <i>Investigative Radiology</i> , 2008, 43, 695-702.	6.2	27
60	Resting-state functional MRI in an intraoperative MRI setting: proof of feasibility and correlation to clinical outcome of patients. <i>Journal of Neurosurgery</i> , 2016, 125, 401-409.	1.6	26
61	Histogram analysis of diffusion kurtosis imaging estimates for in vivo assessment of 2016 WHO glioma grades: A cross-sectional observational study. <i>European Journal of Radiology</i> , 2017, 95, 202-211.	2.6	26
62	Response-related fMRI of veridical and false recognition of words. <i>European Psychiatry</i> , 2004, 19, 42-52.	0.2	25
63	Differentiation between idiopathic and atypical parkinsonian syndromes using three-dimensional magnetic resonance spectroscopic imaging. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 644-649.	1.9	25
64	Nonlinear excitation profiles for three-dimensional inflow MR angiography. <i>Journal of Magnetic Resonance Imaging</i> , 1995, 5, 416-420.	3.4	24
65	Ultrasonography and contrast-enhanced MRA in ICA-stenosis: is conventional angiography obsolete?. <i>Journal of Neurology</i> , 2001, 248, 506-513.	3.6	24
66	Three-dimensional magnetic resonance spectroscopic imaging in the substantia nigra of healthy controls and patients with Parkinson's disease. <i>European Radiology</i> , 2011, 21, 1962-1969.	4.5	24
67	Positioning of Electronic Subretinal Implants in Blind Retinitis Pigmentosa Patients Through Multimodal Assessment of Retinal Structures. , 2012, 53, 3748.		24
68	Proton MRS in Kennedy disease: Absolute metabolite and macromolecular concentrations. <i>Journal of Magnetic Resonance Imaging</i> , 2002, 16, 160-167.	3.4	23
69	B-Waves in Cerebral and Spinal Cerebrospinal Fluid Pulsation Measurement by Magnetic Resonance Imaging. <i>Journal of Computer Assisted Tomography</i> , 2004, 28, 255-262.	0.9	23
70	Pattern of Cerebellar Atrophy in Friedreich's Ataxia Using the SUIT Template. <i>Cerebellum</i> , 2019, 18, 435-447.	2.5	23
71	Cerebrospinal fluid and interstitial fluid volume measurements in the human brain at 3T with EPI. <i>Magnetic Resonance in Medicine</i> , 2009, 61, 834-841.	3.0	22
72	In Vivo Molecular Profiling of Human Glioma. <i>Clinical Neuroradiology</i> , 2019, 29, 479-491.	1.9	21

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73	Stroboscopic articulography using fast magnetic resonance imaging. International Journal of Language and Communication Disorders, 2000, 35, 419-425.	1.5	17
74	Response-related fMRI analysis during encoding and retrieval revealed differences in cerebral activation by retrieval success. Psychiatry Research - Neuroimaging, 2000, 99, 137-150.	1.8	17
75	Metabolic Patterns in Chronic Multiple Sclerosis Lesions and Normal-appearing White Matter: Intraindividual Comparison by Using 2D MR Spectroscopic Imaging. Radiology, 2016, 281, 536-543.	7.3	17
76	Diffusion kurtosis imaging histogram parameter metrics predicting survival in integrated molecular subtypes of diffuse glioma: An observational cohort study. European Journal of Radiology, 2019, 112, 144-152.	2.6	17
77	Functional biomarkers that distinguish between tinnitus with and without hyperacusis. Clinical and Translational Medicine, 2021, 11, e378.	4.0	17
78	Tissue specific resonance frequencies of water and metabolites within the human brain. Journal of Magnetic Resonance, 2011, 212, 55-63.	2.1	16
79	Fractional Anisotropy Levels Derived From Diffusion Tensor Imaging in Cervical Syringomyelia. Neurosurgery, 2010, 67, 901-905.	1.1	15
80	Comparison of gradient encoding directions for higher order tensor diffusion data. Magnetic Resonance in Medicine, 2009, 61, 335-343.	3.0	14
81	Regularization of bending and crossing white matter fibers in MRI Q-ball fields. Magnetic Resonance Imaging, 2011, 29, 916-926.	1.8	14
82	Evidence of Resting-state Activity in Propofol-anesthetized Patients with Intracranial Tumors. Academic Radiology, 2016, 23, 192-199.	2.5	14
83	Co-occurrence of Hyperacusis Accelerates With Tinnitus Burden Over Time and Requires Medical Care. Frontiers in Neurology, 2021, 12, 627522.	2.4	14
84	Visualizing MR diffusion tensor fields by dynamic fiber tracking and uncertainty mapping. Computers and Graphics, 2006, 30, 255-264.	2.5	12
85	Glioma grading by dynamic susceptibility contrast perfusion and <sup>11</sup> C-methionine positron emission tomography using different regions of interest. Neuroradiology, 2018, 60, 381-389.	2.2	12
86	Lactate as clinical tumour biomarker: Optimization of lactate detection and quantification in MR spectroscopic imaging of glioblastomas. European Journal of Radiology, 2020, 130, 109171.	2.6	12
87	Tracking of cerebral vessels in MR angiography after highpass filtering. Magnetic Resonance Imaging, 1995, 13, 45-51.	1.8	11
88	Feasibility and evaluation of dual-source transmit 3D imaging of the orbits: Comparison to high-resolution conventional MRI at 3T. European Journal of Radiology, 2015, 84, 1150-1158.	2.6	11
89	Comparison of Different Tractography Algorithms and Validation by Intraoperative Stimulation in a Child with a Brain Tumor. Neuropediatrics, 2015, 46, 072-075.	0.6	11
90	Elimination of residual lipid contamination in single volume proton MR spectra of human brain. Magnetic Resonance Imaging, 1999, 17, 1219-1226.	1.8	10

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91	Chemical shift imaging without water suppression at 3 T. <i>Magnetic Resonance Imaging</i> , 2010, 28, 669-675.	1.8	10
92	Effect of Perfusion on Diffusion Kurtosis Imaging Estimates for In Vivo Assessment of Integrated 2016 WHO Glioma Grades. <i>Clinical Neuroradiology</i> , 2018, 28, 481-491.	1.9	10
93	T2-Pseudonormalization and Microstructural Characterization in Advanced Stages of Late-infantile Metachromatic Leukodystrophy. <i>Clinical Neuroradiology</i> , 2021, 31, 969-980.	1.9	10
94	MR imaging of experimental meningeal melanomatosis in nude rats. <i>Journal of Neuro-Oncology</i> , 1992, 14, 207-11.	2.9	9
95	In vivo proton magnetic resonance spectroscopic imaging of the healthy human brain at 9.4T: initial experience. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2015, 28, 239-249.	2.0	9
96	Optimization of rs-fMRI parameters in the Seed Correlation Analysis (SCA) in DPARSF toolbox: A preliminary study. <i>Journal of Neuroscience Research</i> , 2019, 97, 433-443.	2.9	9
97	Perfusion imaging of the right perisylvian neural network in acute spatial neglect. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 15.	2.0	8
98	Fiber visualization for preoperative glioma assessment: Tractography versus local connectivity mapping. <i>PLoS ONE</i> , 2019, 14, e0226153.	2.5	8
99	Hemodynamic evaluation of patients with Moyamoya Angiopathy: comparison of resting-state fMRI to breath-hold fMRI and [15O]water PET. <i>Neuroradiology</i> , 2022, 64, 553-563.	2.2	8
100	Numerically optimized RF-refocusing pulses in localized MR proton spectroscopy. <i>Magnetic Resonance Imaging</i> , 1993, 11, 785-797.	1.8	7
101	Optimized shinnar-le roux RF 180 $\frac{1}{2}$ pulses in fast spin-echo measurements. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 9, 613-620.	3.4	7
102	Relaxation Effects on Transverse Magnetization Using RF Pulses Long Compared to T2. <i>Journal of Magnetic Resonance</i> , 2000, 144, 108-114.	2.1	7
103	Proton CSI without solvent suppression with strongly reduced field gradient related sideband artifacts. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2013, 26, 183-192.	2.0	7
104	Incipient preoperative reorganization processes of verbal memory functions in patients with left temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2015, 42, 78-85.	1.7	7
105	ADC-Based Stratification of Molecular Glioma Subtypes Using High b-Value Diffusion-Weighted Imaging. <i>Journal of Clinical Medicine</i> , 2021, 10, 3451.	2.4	7
106	Motor and language deficits correlate with resting state functional magnetic resonance imaging networks in patients with brain tumors. <i>Journal of Neuroradiology</i> , 2019, 46, 199-206.	1.1	6
107	Glioma-Specific Diffusion Signature in Diffusion Kurtosis Imaging. <i>Journal of Clinical Medicine</i> , 2021, 10, 2325.	2.4	6
108	Sequence parameters of double spin-echo sequences affect quantification of citrate. <i>Magnetic Resonance Imaging</i> , 1996, 14, 663-672.	1.8	5

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109	Nonlinear correlations impair quantification of episodic memory by mesial temporal BOLD activity.. <i>Neuropsychology</i> , 2013, 27, 402-416.	1.3	5
110	Acute Stroke Imaging. <i>Academic Radiology</i> , 2015, 22, 413-422.	2.5	5
111	A model-based reconstruction technique for fast dynamic T1 mapping. <i>Magnetic Resonance Imaging</i> , 2016, 34, 298-307.	1.8	5
112	Optimized depiction of thalamic substructures with a combination of T1-MPRAGE and phase: MPRAGE*. <i>Clinical Neuroradiology</i> , 2017, 27, 511-518.	1.9	5
113	Depiction of the Superior Petrosal Vein Complex by 3D Contrast-Enhanced MR Angiography. <i>American Journal of Neuroradiology</i> , 2018, 39, 2249-2255.	2.4	5
114	Investigation of the BOLD-Based MRI Signal Time Course During Short Breath-Hold Periods for Estimation of the Cerebrovascular Reactivity. <i>SN Comprehensive Clinical Medicine</i> , 2020, 2, 1551-1562.	0.6	5
115	Longitudinal Reproducibility of CO <sub>2</sub> -Triggered BOLD MRI for the Hemodynamic Evaluation of Adult Patients with Moyamoya Angiopathy. <i>Cerebrovascular Diseases</i> , 2021, 50, 332-338.	1.7	5
116	Selective Chemical Imaging with a Three-dimensional Gradient Echo Sequence. <i>Journal of Computer Assisted Tomography</i> , 1989, 13, 724-729.	0.9	4
117	Imaging of human glioma cells by means of a Syndecan-4 directed DOTA-conjugate. <i>Amino Acids</i> , 2010, 38, 1415-1421.	2.7	4
118	Evaluation of methods for detecting perfusion abnormalities after stroke in dysfunctional brain regions. <i>Brain Structure and Function</i> , 2012, 217, 667-675.	2.3	4
119	Fiber Visualization with LIC Maps Using Multidirectional Anisotropic Glyph Samples. <i>International Journal of Biomedical Imaging</i> , 2014, 2014, 1-14.	3.9	4
120	The gastrin/cholecystokinin-B receptor on prostate cells – A novel target for bifunctional prostate cancer imaging. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 52, 69-76.	4.0	4
121	Association of dynamic susceptibility magnetic resonance imaging at initial tumor diagnosis with the prognosis of different molecular glioma subtypes. <i>Neurological Sciences</i> , 2020, 41, 3625-3632.	1.9	4
122	Diffusion simulation-based fiber tracking using time-of-arrival maps: a comparison with standard methods. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010, 23, 391-398.	2.0	3
123	Using the neurotransmitter serotonin to target imaging agents to glioblastoma cells. <i>Investigational New Drugs</i> , 2012, 30, 2141-2147.	2.6	3
124	BOLD Signal in memory paradigms in hippocampal region depends on echo time. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 1064-1071.	3.4	3
125	Ramoplanin Imaging Conjugates – Synthesis and Evaluation. <i>Medicinal Chemistry</i> , 2013, 10, 18-26.	1.5	3
126	Age-Dependent Changes in the Histogram of Apparent Diffusion Coefficients Values in Magnetic Resonance Imaging. <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 78.	3.4	3

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127	Parallel-transmit-accelerated 2D Selective RF Excitation MR of the Temporal Bone. <i>Otology and Neurotology</i> , 2016, 37, 408-414.	1.3	3
128	The regional distribution of T2-relaxation times in MR images of the substantia nigra and crus cerebri. <i>Neuroradiology</i> , 2010, 52, 745-750.	2.2	2
129	A Novel Lily-of-the-Valley Fragrance Contrast Agent for Magnetic Resonance and Fluorescence Imaging of Prostate Cancer Cells. <i>Current Pharmaceutical Biotechnology</i> , 2012, 13, 373-377.	1.6	2
130	Potential of the gastric motility drug lorglumide in prostate cancer imaging. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 45, 575-580.	4.0	2
131	Improvement of Fast Model-Based Acceleration of Parameter Look-Locker T1 Mapping. <i>Sensors</i> , 2019, 19, 5371.	3.8	2
132	Dynamic Susceptibility Perfusion Imaging for Differentiating Progressive Disease from Pseudoprogression in Diffuse Glioma Molecular Subtypes. <i>Journal of Clinical Medicine</i> , 2021, 10, 598.	2.4	2
133	Novel Gastrin Receptor-Directed Contrast Agents - Potential in Brain Tumor Magnetic Resonance Imaging. <i>Medicinal Chemistry</i> , 2012, 8, 133-137.	1.5	2
134	Evaluating the Diagnostic and Chemotherapeutic Potential of Vancomycin- Derived Imaging Conjugates. <i>Medicinal Chemistry</i> , 2012, 8, 1163-1170.	1.5	2
135	Brain activation mapping of leg movement using fMRI with prospective motion correction. <i>NeuroImage</i> , 2001, 13, 9.	4.2	1
136	T2 Selectivity: Comparison between Different Kinds of RF Pulses. <i>Journal of Magnetic Resonance</i> , 2001, 148, 47-52.	2.1	1
137	Double Inversion Recovery. <i>Investigative Radiology</i> , 2010, 45, 196-201.	6.2	1
138	Determination of the rCBF in the Amygdala and Rhinal Cortex Using a FAIR-TrueFISP Sequence. <i>Korean Journal of Radiology</i> , 2011, 12, 554.	3.4	1
139	Double Bolus Application in TWIST-MR-Angiography of the Cervical Arteries. <i>Radiology Research and Practice</i> , 2012, 2012, 1-5.	1.3	1
140	Changes of brain metabolite concentrations during maturation in different brain regions measured by chemical shift imaging. <i>Neuroradiology</i> , 2017, 59, 31-41.	2.2	1
141	Magnetic resonance angiography contrast enhancement and combined 3D visualization of cerebral vasculature and white matter pathways. <i>Computerized Medical Imaging and Graphics</i> , 2018, 70, 29-42.	5.8	1
142	Diffusion MRI Tractography of Crossing Fibers by Cone-Beam ODF Regularization. <i>Lecture Notes in Computer Science</i> , 2009, , 412-421.	1.3	1
143	Zur Pathogenese des peritumoralen $\bar{A}$ -dems bei Meningeomen. <i>Klinische Neuroradiologie</i> , 1999, 9, 239-246.	0.9	0
144	Lokalisierte 1H-MR-Spektroskopie des Zentralnervensystems bei HIV-positiven Patienten. <i>Klinische Neuroradiologie</i> , 1999, 9, 55-62.	0.9	0

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145	Physiological MR signal variations within the brain at 3 T. Biomedizinische Technik, 2007, 52, 126-129.	0.8	0
146	Optimization of a single-shot EPI sequence for diffusion imaging of the human spinal cord. , 2007, , .		0
147	Evaluating the Diagnostic and Chemotherapeutic Potential of Vancomycin- Derived Imaging Conjugates. Medicinal Chemistry, 2012, 8, 1163-1170.	1.5	0
148	Parameterization of the Age-Dependent Whole Brain Apparent Diffusion Coefficient Histogram. BioMed Research International, 2015, 2015, 1-11.	1.9	0
149	Closed-form expressions for flip angle variation that maximize total signal in T1-weighted rapid gradient echo MRI. Medical Physics, 2017, 44, 873-885.	3.0	0