

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
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156
all docs

156
docs citations

156
times ranked

7592
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	T2-Pseudonormalization and Microstructural Characterization in Advanced Stages of Late-infantile Metachromatic Leukodystrophy. <i>Clinical Neuroradiology</i> , 2021, 31, 969-980.	1.9	10
3	Dynamic Susceptibility Perfusion Imaging for Differentiating Progressive Disease from Pseudoprogession in Diffuse Glioma Molecular Subtypes. <i>Journal of Clinical Medicine</i> , 2021, 10, 598.	2.4	2
4	Co-occurrence of Hyperacusis Accelerates With Tinnitus Burden Over Time and Requires Medical Care. <i>Frontiers in Neurology</i> , 2021, 12, 627522.	2.4	14
5	Functional biomarkers that distinguish between tinnitus with and without hyperacusis. <i>Clinical and Translational Medicine</i> , 2021, 11, e378.	4.0	17
6	Glioma-Specific Diffusion Signature in Diffusion Kurtosis Imaging. <i>Journal of Clinical Medicine</i> , 2021, 10, 2325.	2.4	6
7	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
8	Longitudinal Reproducibility of CO ₂ -Triggered BOLD MRI for the Hemodynamic Evaluation of Adult Patients with Moyamoya Angiopathy. <i>Cerebrovascular Diseases</i> , 2021, 50, 332-338.	1.7	5
9	Lactate as clinical tumour biomarker: Optimization of lactate detection and quantification in MR spectroscopic imaging of glioblastomas. <i>European Journal of Radiology</i> , 2020, 130, 109171.	2.6	12
10	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
11	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
12	Diffusion kurtosis imaging histogram parameter metrics predicting survival in integrated molecular subtypes of diffuse glioma: An observational cohort study. <i>European Journal of Radiology</i> , 2019, 112, 144-152.	2.6	17
13	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
14	Pattern of Cerebellar Atrophy in Friedreich's Ataxia Using the SUIT Template. <i>Cerebellum</i> , 2019, 18, 435-447.	2.5	23
15	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
16	Improvement of Fast Model-Based Acceleration of Parameter Look-Locker T1 Mapping. <i>Sensors</i> , 2019, 19, 5371.	3.8	2
17	Fiber visualization for preoperative glioma assessment: Tractography versus local connectivity mapping. <i>PLoS ONE</i> , 2019, 14, e0226153.	2.5	8
18	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

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19	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
20	In Vivo Molecular Profiling of Human Glioma. <i>Clinical Neuroradiology</i> , 2019, 29, 479-491.	1.9	21
21	Glioma grading by dynamic susceptibility contrast perfusion and 11C-methionine positron emission tomography using different regions of interest. <i>Neuroradiology</i> , 2018, 60, 381-389.	2.2	12
22	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
23	Evaluation of multimodal segmentation based on 3D T1-, T2- and FLAIR-weighted images – the difficulty of choosing. <i>NeuroImage</i> , 2018, 170, 210-221.	4.2	31
24	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
25	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
26	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
27	Reduced sound-evoked and resting-state BOLD fMRI connectivity in tinnitus. <i>NeuroImage: Clinical</i> , 2018, 20, 637-649.	2.7	61
28	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
29	Closed-form expressions for flip angle variation that maximize total signal in T1-weighted rapid gradient echo MRI. <i>Medical Physics</i> , 2017, 44, 873-885.	3.0	0
30	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
31	In vivo molecular profiling of human glioma using diffusion kurtosis imaging. <i>Journal of Neuro-Oncology</i> , 2017, 131, 93-101.	2.9	56
32	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
33	Assessing White Matter Microstructure in Brain Regions with Different Myelin Architecture Using MRI. <i>PLoS ONE</i> , 2016, 11, e0167274.	2.5	37
34	Metabolic Patterns in Chronic Multiple Sclerosis Lesions and Normal-appearing White Matter: Intraindividual Comparison by Using 2D MR Spectroscopic Imaging. <i>Radiology</i> , 2016, 281, 536-543.	7.3	17
35	Parallel-transmit-accelerated 2D Selective RF Excitation MR of the Temporal Bone. <i>Otology and Neurotology</i> , 2016, 37, 408-414.	1.3	3
36	A model-based reconstruction technique for fast dynamic T1 mapping. <i>Magnetic Resonance Imaging</i> , 2016, 34, 298-307.	1.8	5

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37	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
38	Evidence of Resting-state Activity in Propofol-anesthetized Patients with Intracranial Tumors. <i>Academic Radiology</i> , 2016, 23, 192-199.	2.5	14
39	Parameterization of the Age-Dependent Whole Brain Apparent Diffusion Coefficient Histogram. <i>BioMed Research International</i> , 2015, 2015, 1-11.	1.9	0
40	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
41	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
42	Feasibility and evaluation of dual-source transmit 3D imaging of the orbits: Comparison to high-resolution conventional MRI at 3T. <i>European Journal of Radiology</i> , 2015, 84, 1150-1158.	2.6	11
43	Acute Stroke Imaging. <i>Academic Radiology</i> , 2015, 22, 413-422.	2.5	5
44	Comparison of Different Tractography Algorithms and Validation by Intraoperative Stimulation in a Child with a Brain Tumor. <i>Neuropediatrics</i> , 2015, 46, 072-075.	0.6	11
45	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
46	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
47	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
48	Fiber Visualization with LIC Maps Using Multidirectional Anisotropic Glyph Samples. <i>International Journal of Biomedical Imaging</i> , 2014, 2014, 1-14.	3.9	4
49	Correlative assessment of tumor microcirculation using contrast-enhanced perfusion MRI and intravoxel incoherent motion diffusion-weighted MRI: is there a link between them?. <i>NMR in Biomedicine</i> , 2014, 27, 1184-1191.	2.8	50
50	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
51	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
52	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
53	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
54	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

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55	BOLD Signal in memory paradigms in hippocampal region depends on echo time. Journal of Magnetic Resonance Imaging, 2013, 37, 1064-1071.	3.4	3
56	Nonlinear correlations impair quantification of episodic memory by mesial temporal BOLD activity.. Neuropsychology, 2013, 27, 402-416.	1.3	5
57	Ramoplanin Imaging Conjugates – Synthesis and Evaluation. Medicinal Chemistry, 2013, 10, 18-26.	1.5	3
58	Age-Dependent Changes in the Histogram of Apparent Diffusion Coefficients Values in Magnetic Resonance Imaging. Frontiers in Aging Neuroscience, 2013, 5, 78.	3.4	3
59	Positioning of Electronic Subretinal Implants in Blind Retinitis Pigmentosa Patients Through Multimodal Assessment of Retinal Structures. , 2012, 53, 3748.		24
60	Double Bolus Application in TWIST-MR-Angiography of the Cervical Arteries. Radiology Research and Practice, 2012, 2012, 1-5.	1.3	1
61	A Novel Lily-of-the-Valley Fragrance Contrast Agent for Magnetic Resonance and Fluorescence Imaging of Prostate Cancer Cells. Current Pharmaceutical Biotechnology, 2012, 13, 373-377.	1.6	2
62	Evaluating the Diagnostic and Chemotherapeutic Potential of Vancomycin- Derived Imaging Conjugates. Medicinal Chemistry, 2012, 8, 1163-1170.	1.5	0
63	Using the neurotransmitter serotonin to target imaging agents to glioblastoma cells. Investigational New Drugs, 2012, 30, 2141-2147.	2.6	3
64	Evaluation of methods for detecting perfusion abnormalities after stroke in dysfunctional brain regions. Brain Structure and Function, 2012, 217, 667-675.	2.3	4
65	Potential of the gastric motility drug lorglumide in prostate cancer imaging. European Journal of Pharmaceutical Sciences, 2012, 45, 575-580.	4.0	2
66	Novel Gastrin Receptor-Directed Contrast Agents - Potential in Brain Tumor Magnetic Resonance Imaging. Medicinal Chemistry, 2012, 8, 133-137.	1.5	2
67	Evaluating the Diagnostic and Chemotherapeutic Potential of Vancomycin- Derived Imaging Conjugates. Medicinal Chemistry, 2012, 8, 1163-1170.	1.5	2
68	Determination of the rCBF in the Amygdala and Rhinal Cortex Using a FAIR-TrueFISP Sequence. Korean Journal of Radiology, 2011, 12, 554.	3.4	1
69	Regularization of bending and crossing white matter fibers in MRI Q-ball fields. Magnetic Resonance Imaging, 2011, 29, 916-926.	1.8	14
70	Tissue specific resonance frequencies of water and metabolites within the human brain. Journal of Magnetic Resonance, 2011, 212, 55-63.	2.1	16
71	Three-dimensional magnetic resonance spectroscopic imaging in the substantia nigra of healthy controls and patients with Parkinson’s disease. European Radiology, 2011, 21, 1962-1969.	4.5	24
72	Comparison of a 32-channel with a 12-channel head coil: Are there relevant improvements for functional imaging?. Journal of Magnetic Resonance Imaging, 2011, 34, 173-183.	3.4	47

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73	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
74	Diffusion Tensor Imaging in a Human PET/MR Hybrid System. <i>Investigative Radiology</i> , 2010, 45, 270-274.	6.2	46
75	Double Inversion Recovery. <i>Investigative Radiology</i> , 2010, 45, 196-201.	6.2	1
76	Fractional Anisotropy Levels Derived From Diffusion Tensor Imaging in Cervical Syringomyelia. <i>Neurosurgery</i> , 2010, 67, 901-905.	1.1	15
77	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
78	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
79	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
80	The Role of Temporo-parietal Cortex in Subcortical Visual Extinction. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 2141-2150.	2.3	37
81	Chemical shift imaging without water suppression at 3 T. <i>Magnetic Resonance Imaging</i> , 2010, 28, 669-675.	1.8	10
82	Perfusion imaging of the right perisylvian neural network in acute spatial neglect. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 15.	2.0	8
83	Comparison of gradient encoding directions for higher order tensor diffusion data. <i>Magnetic Resonance in Medicine</i> , 2009, 61, 335-343.	3.0	14
84	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
85	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
86	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
87	Diffusion MRI Tractography of Crossing Fibers by Cone-Beam ODF Regularization. <i>Lecture Notes in Computer Science</i> , 2009, , 412-421.	1.3	1
88	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
89	Multiregional brain iron deficiency in restless legs syndrome. <i>Movement Disorders</i> , 2008, 23, 1184-1187.	3.9	126
90	Directional colour encoding of the human thalamus by diffusion tensor imaging. <i>Neuroscience Letters</i> , 2008, 434, 322-327.	2.1	31

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91	1H MR spectroscopy of inflammation, infection and ischemia of the brain. European Journal of Radiology, 2008, 67, 250-257.	2.6	104
92	Measurement sequences for single voxel proton MR spectroscopy. European Journal of Radiology, 2008, 67, 194-201.	2.6	34
93	Intra-individual Crossover Comparison of Gadobenate Dimeglumine and Gadopentetate Dimeglumine for Contrast-Enhanced Magnetic Resonance Angiography of the Supraaortic Vessels at 3 Tesla. Investigative Radiology, 2008, 43, 695-702.	6.2	27
94	Physiological MR signal variations within the brain at 3 T. Biomedizinische Technik, 2007, 52, 126-129.	0.8	0
95	Optimization of a single-shot EPI sequence for diffusion imaging of the human spinal cord. , 2007, , .		0
96	FAIR-TrueFISP imaging of cerebral perfusion in areas of high magnetic susceptibility differences at 1.5 and 3 Tesla. Journal of Magnetic Resonance Imaging, 2007, 25, 924-931.	3.4	38
97	Visualizing MR diffusion tensor fields by dynamic fiber tracking and uncertainty mapping. Computers and Graphics, 2006, 30, 255-264.	2.5	12
98	Normalized perfusion MRI to identify common areas of dysfunction: patients with basal ganglia neglect. Brain, 2005, 128, 2462-2469.	7.6	83
99	Single-shot compensation of image distortions and BOLD contrast optimization using multi-echo EPI for real-time fMRI. NeuroImage, 2005, 24, 1068-1079.	4.2	126
100	Diffusion-weighted MRI of spinal cord infarction. Journal of Neurology, 2004, 251, 818-24.	3.6	104
101	FAIR true-FISP perfusion imaging of the kidneys. Magnetic Resonance in Medicine, 2004, 51, 353-361.	3.0	176
102	Response-related fMRI of veridical and false recognition of words. European Psychiatry, 2004, 19, 42-52.	0.2	25
103	B-Waves in Cerebral and Spinal Cerebrospinal Fluid Pulsation Measurement by Magnetic Resonance Imaging. Journal of Computer Assisted Tomography, 2004, 28, 255-262.	0.9	23
104	Parameterized evaluation of macromolecules and lipids in proton MR spectroscopy of brain diseases. Magnetic Resonance in Medicine, 2003, 49, 19-28.	3.0	174
105	Comparison of longitudinal metabolite relaxation times in different regions of the human brain at 1.5 and 3 Tesla. Magnetic Resonance in Medicine, 2003, 50, 1296-1301.	3.0	194
106	Relation between Regional Functional MRI Activation and Vascular Reactivity to Carbon Dioxide during Normal Aging. Journal of Cerebral Blood Flow and Metabolism, 2003, 23, 565-573.	4.3	100
107	Neonatal Cerebral Infarction Diagnosed by Diffusion-Weighted MRI. Stroke, 2002, 33, 1142-1145.	2.0	96
108	Intracranial oscillations of cerebrospinal fluid and blood flows: Analysis with magnetic resonance imaging. Journal of Magnetic Resonance Imaging, 2002, 15, 251-258.	3.4	47

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109	Proton MRS in Kennedy disease: Absolute metabolite and macromolecular concentrations. Journal of Magnetic Resonance Imaging, 2002, 16, 160-167.	3.4	23
110	Proton magnetic resonance spectroscopy with metabolite nulling reveals regional differences of macromolecules in normal human brain. Journal of Magnetic Resonance Imaging, 2002, 16, 538-546.	3.4	58
111	Brain activation mapping of leg movement using fMRI with prospective motion correction. NeuroImage, 2001, 13, 9.	4.2	1
112	Ultrasonography and contrast-enhanced MRA in ICA-stenosis: is conventional angiography obsolete?. Journal of Neurology, 2001, 248, 506-513.	3.6	24
113	Reliable detection of macromolecules in single-volume ^1H NMR spectra of the human brain. Magnetic Resonance in Medicine, 2001, 45, 948-954.	3.0	48
114	T2 Selectivity: Comparison between Different Kinds of RF Pulses. Journal of Magnetic Resonance, 2001, 148, 47-52.	2.1	1
115	Relaxation Effects on Transverse Magnetization Using RF Pulses Long Compared to T2. Journal of Magnetic Resonance, 2000, 144, 108-114.	2.1	7
116	Stroboscopic articulography using fast magnetic resonance imaging. International Journal of Language and Communication Disorders, 2000, 35, 419-425.	1.5	17
117	MR Imaging and ^1H Spectroscopy of Brain Metabolites in Hepatic Encephalopathy: Time-Course of Renormalization after Liver Transplantation. Radiology, 2000, 216, 683-691.	7.3	129
118	Role of hydrodynamic processes in the pathogenesis of peritumoral brain edema in meningiomas. Journal of Neurosurgery, 2000, 93, 594-604.	1.6	35
119	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
120	Improvement of the acquisition of a large amount of MR images on a conventional whole body system. Magnetic Resonance Imaging, 1999, 17, 471-474.	1.8	42
121	Elimination of residual lipid contamination in single volume proton MR spectra of human brain. Magnetic Resonance Imaging, 1999, 17, 1219-1226.	1.8	10
122	Localized Proton Magnetic Resonance Spectroscopy of the Cerebellum in Detoxifying Alcoholics. Alcoholism: Clinical and Experimental Research, 1999, 23, 158-163.	2.4	84
123	Zur Pathogenese des peritumoralen \ddot{A} -dems bei Meningeomen. Klinische Neuroradiologie, 1999, 9, 239-246.	0.9	0
124	Lokalisierte ^1H -MR-Spektroskopie des Zentralnervensystems bei HIV-positiven Patienten. Klinische Neuroradiologie, 1999, 9, 55-62.	0.9	0
125	Optimized shinnar-le roux RF 180° pulses in fast spin-echo measurements. Journal of Magnetic Resonance Imaging, 1999, 9, 613-620.	3.4	7
126	Functional MRI of cerebral activation during encoding and retrieval of words. , 1999, 8, 157-169.		37

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127	Dynamic pattern of brain activation during sequencing of word strings evaluated by fMRI. Cognitive Brain Research, 1999, 7, 285-294.	3.0	56
128	Activation of human language processing brain regions after the presentation of random letter strings demonstrated with event-related functional magnetic resonance imaging. Neuroscience Letters, 1999, 270, 13-16.	2.1	146
129	Activation of Cortical and Cerebellar Motor Areas during Executed and Imagined Hand Movements: An fMRI Study. Journal of Cognitive Neuroscience, 1999, 11, 491-501.	2.3	858
130	Comparing motion- and imagery-related activation in the human cerebellum: A functional MRI study. Human Brain Mapping, 1998, 6, 105-113.	3.6	92
131	Proton Spectroscopy of Human Brain with Very Short Echo Time Using High Gradient Amplitudes. Magnetic Resonance Imaging, 1998, 16, 55-62.	1.8	29
132	fMRI reveals amygdala activation to human faces in social phobics. NeuroReport, 1998, 9, 1223-1226.	1.2	364
133	Functional MRI reveals left amygdala activation during emotion. Psychiatry Research - Neuroimaging, 1997, 76, 75-82.	1.8	193
134	Sequential activation of supplementary motor area and primary motor cortex during self-paced finger movement in human evaluated by functional MRI. Neuroscience Letters, 1997, 227, 161-164.	2.1	95
135	Functional lateralization of speech production at primary motor cortex. NeuroReport, 1996, 7, 2791-2796.	1.2	194
136	Reliability and exactness of MRI-based volumetry: A phantom study. Journal of Magnetic Resonance Imaging, 1996, 6, 700-704.	3.4	64
137	Coregistration of EEG and fMRI in a simple motor task. , 1996, 4, 199-209.		30
138	Sequence parameters of double spin-echo sequences affect quantification of citrate. Magnetic Resonance Imaging, 1996, 14, 663-672.	1.8	5
139	Nonlinear excitation profiles for three-dimensional inflow MR angiography. Journal of Magnetic Resonance Imaging, 1995, 5, 416-420.	3.4	24
140	Determination of the apparent transverse and axial dispersion coefficients in a chromatographic column by pulsed field gradient nuclear magnetic resonance. Journal of Chromatography A, 1995, 694, 321-331.	3.7	40
141	Tracking of cerebral vessels in MR angiography after highpass filtering. Magnetic Resonance Imaging, 1995, 13, 45-51.	1.8	11
142	Lactate quantification by means of press spectroscopyâ€™Influence of refocusing pulses and timing scheme. Magnetic Resonance Imaging, 1995, 13, 309-319.	1.8	36
143	The effects of linearly increasing flip angles on 3D inflow MR angiography. Magnetic Resonance in Medicine, 1994, 31, 561-566.	3.0	32
144	Numerically optimized RF-refocusing pulses in localized MR proton spectroscopy. Magnetic Resonance Imaging, 1993, 11, 785-797.	1.8	7

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145	Mapping of the radio frequency magnetic field with a MR snapshot FLASH technique. Medical Physics, 1992, 19, 1099-1104.	3.0	58
146	MR imaging of experimental meningeal melanomatosis in nude rats. Journal of Neuro-Oncology, 1992, 14, 207-11.	2.9	9
147	In vivo proton spectroscopy in presence of eddy currents. Magnetic Resonance in Medicine, 1990, 14, 26-30.	3.0	544
148	Dynamic Sequential MR Imaging of Focal Liver Lesions. Journal of Computer Assisted Tomography, 1990, 14, 600-607.	0.9	27
149	Selective Chemical Imaging with a Three-dimensional Gradient Echo Sequence. Journal of Computer Assisted Tomography, 1989, 13, 724-729.	0.9	4