

Ewald Moser

List of Publications by Year in descending order

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Version: 2024-02-01

270
papers

14,718
citations

16451

64
h-index

24982

109
g-index

312
all docs

312
docs citations

312
times ranked

16401
citing authors

#	ARTICLE	IF	CITATIONS
1	Transitory ischemic attack associated with a rare fenestration of the cervical segment of the internal carotid artery: a case report. <i>Journal of Medical Case Reports</i> , 2022, 16, 13.	0.8	4
2	Technical note: A PET/MR coil with an integrated, orbiting 511 keV transmission source for PET/MR imaging validated in an animal study. <i>Medical Physics</i> , 2022, 49, 2366-2372.	3.0	3
3	Medical Physics and Imaging – A Timely Perspective. <i>Frontiers in Physics</i> , 2021, 9, .	2.1	5
4	3D localized lactate detection in muscle tissue using double-quantum filtered ¹ H MRS with adiabatic refocusing pulses at 7T. <i>Magnetic Resonance in Medicine</i> , 2021, , .	3.0	2
5	Interleaved ³¹ P MRS/ ¹ H ASL for analysis of metabolic and functional heterogeneity along human lower leg muscles at 7T. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 1909-1919.	3.0	20
6	Disparity of time-contrast curves generated by various types of power injectors used in magnetic resonance imaging. <i>Scientific Reports</i> , 2020, 10, 19568.	3.3	0
7	Advanced Analysis of the Water/Fat Distribution in Skeletal Muscle Tissue Using Magnetic Resonance Imaging in Patients With Neuromuscular Disease. <i>Frontiers in Physics</i> , 2020, 8, .	2.1	2
8	Design, Implementation, and Evaluation of a Head and Neck MRI RF Array Integrated with a 511 keV Transmission Source for Attenuation Correction in PET/MR. <i>Sensors</i> , 2019, 19, 3297.	3.8	5
9	Prefrontal networks dynamically related to recovery from major depressive disorder: a longitudinal pharmacological fMRI study. <i>Translational Psychiatry</i> , 2019, 9, 64.	4.8	43
10	Dynamic multivoxel-localized ³¹ P MRS during plantar flexion exercise with variable knee angle. <i>NMR in Biomedicine</i> , 2018, 31, e3905.	2.8	13
11	Effects of 1,8-cineole and (E)-linalool on Functional Brain Activation in a Working Memory Task. <i>Flavour and Fragrance Journal</i> , 2018, 33, 235-244.	2.6	11
12	Immediate and delayed neuroendocrine responses to social exclusion in males and females. <i>Psychoneuroendocrinology</i> , 2018, 93, 56-64.	2.7	23
13	In vivo MRI of the human finger at 7 T. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 588-592.	3.0	23
14	A head coil system with an integrated orbiting transmission point source mechanism for attenuation correction in PET/MRI. <i>Physics in Medicine and Biology</i> , 2018, 63, 225014.	3.0	12
15	Flexible 23-channel coil array for high-resolution magnetic resonance imaging at 3 Tesla. <i>PLoS ONE</i> , 2018, 13, e0206963.	2.5	24
16	A flexible 12-channel transceiver array of transmission line resonators for 7T MRI. <i>Journal of Magnetic Resonance</i> , 2018, 296, 47-59.	2.1	13
17	Self-Managed Belief as Part of the “Scientific Method” Part II – Examples From Published Scientific Work. <i>Frontiers in Physics</i> , 2018, 6, .	2.1	0
18	Hybrid Imaging: Instrumentation and Data Processing. <i>Frontiers in Physics</i> , 2018, 6, .	2.1	30

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19	Pros and cons of ultra-high-field MRI/MRS for human application. Progress in Nuclear Magnetic Resonance Spectroscopy, 2018, 109, 1-50.	7.5	331
20	Magnetic resonance imaging T1- and T2-mapping to assess renal structure and function: a systematic review and statement paper. Nephrology Dialysis Transplantation, 2018, 33, ii41-ii50.	0.7	75
21	Handy magnetic resonance coils. Nature Biomedical Engineering, 2018, 2, 557-558.	22.5	8
22	A Quantitative Comparison of Clinically Employed Parameters in the Assessment of Acute Cerebral Ischemia Using Dynamic Susceptibility Contrast Magnetic Resonance Imaging. Frontiers in Physiology, 2018, 9, 1945.	2.8	2
23	Normalised time-to-peak-distribution curves correlate with cerebral white matter hyperintensities â€œ Could this improve early diagnosis?. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 444-455.	4.3	13
24	High-sensitivity TMS/fMRI of the Human Motor Cortex Using a Dedicated Multichannel MR Coil. NeuroImage, 2017, 150, 262-269.	4.2	43
25	Impact of self-esteem and sex on stress reactions. Scientific Reports, 2017, 7, 17210.	3.3	50
26	Interleaved multivoxel ³¹ P MR spectroscopy. Magnetic Resonance in Medicine, 2017, 77, 921-927.	3.0	16
27	Ultra-High Field NMR and MRIâ€”The Role of Magnet Technology to Increase Sensitivity and Specificity. Frontiers in Physics, 2017, 5, .	2.1	62
28	Editorial: In Vivo Magnetic Resonance at Ultra High Field. Frontiers in Physics, 2017, 5, .	2.1	1
29	Dynamic PCr and pH imaging of human calf muscles during exercise and recovery using ³¹ P gradientâ€œEcho MRI at 7 Tesla. Magnetic Resonance in Medicine, 2016, 75, 2324-2331.	3.0	31
30	Skeletal muscle ATP synthesis and cellular H ⁺ handling measured by localized ³¹ P-MRS during exercise and recovery. Scientific Reports, 2016, 6, 32037.	3.3	33
31	Multi-turn multi-gap transmission line resonators â€œ Concept, design and first implementation at 4.7 T and 7 T. Journal of Magnetic Resonance, 2016, 273, 65-72.	2.1	18
32	Sex differences in the functional connectivity of the amygdalae in association with cortisol. NeuroImage, 2016, 134, 410-423.	4.2	62
33	fMRI of Emotion. Neuromethods, 2016, , 451-494.	0.3	1
34	Simultaneous and interleaved acquisition of ¹ H NMR signals from different nuclei with a clinical MRI scanner. Magnetic Resonance in Medicine, 2016, 76, 1636-1641.	3.0	29
35	Simultaneous and interleaved acquisition of NMR signals from different nuclei with a clinical MRI scanner. Magnetic Resonance in Medicine, 2016, 76, spcone-spcone.	3.0	1
36	Oppositional COMT Val158Met effects on resting state functional connectivity in adolescents and adults. Brain Structure and Function, 2016, 221, 103-114.	2.3	31

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37	fMRI measurements of amygdala activation are confounded by stimulus correlated signal fluctuation in nearby veins draining distant brain regions. <i>Scientific Reports</i> , 2015, 5, 10499.	3.3	104
38	Novel inductive decoupling technique for flexible transceiver arrays of monolithic transmission line resonators. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1669-1681.	3.0	26
39	A form-fitted three channel ³¹ P, two channel ¹ H transceiver coil array for calf muscle studies at 7 T. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 2376-2389.	3.0	40
40	Power balance and loss mechanism analysis in RF transmit coil arrays. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 1165-1176.	3.0	33
41	A functional polymorphism in the prodynorphin gene affects cognitive flexibility and brain activation during reversal learning. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 172.	2.0	13
42	Identification of Voxels Confounded by Venous Signals Using Resting-State fMRI Functional Connectivity Graph Community Identification. <i>Frontiers in Neuroscience</i> , 2015, 9, 472.	2.8	13
43	Localized semi-LASER dynamic ³¹ P magnetic resonance spectroscopy of the soleus during and following exercise at 7 T. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2015, 28, 493-501.	2.0	23
44	Reduced default mode network suppression during a working memory task in remitted major depression. <i>Journal of Psychiatric Research</i> , 2015, 64, 9-18.	3.1	99
45	fMRI correlates of different components of Braille reading by the blind. <i>Neurology Psychiatry and Brain Research</i> , 2015, 21, 137-145.	2.0	12
46	In vivo MR imaging of the human skin at subnanoliter resolution using a superconducting surface coil at 1.5 tesla. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 496-504.	3.4	21
47	Dynamic ASL and T2*-weighted MRI in exercising calf muscle at 7 T: A feasibility study. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1190-1195.	3.0	39
48	New ultra-thin multichannel receive coil for concurrent TMS/fMRI experiments. <i>Brain Stimulation</i> , 2015, 8, 426-427.	1.6	0
49	A novel coil array for combined TMS/fMRI experiments at 3 T. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 1492-1501.	3.0	46
50	Disrupted Effective Connectivity Between the Amygdala and Orbitofrontal Cortex in Social Anxiety Disorder During Emotion Discrimination Revealed by Dynamic Causal Modeling for fMRI. <i>Cerebral Cortex</i> , 2015, 25, 895-903.	2.9	139
51	Big Data Approaches for the Analysis of Large-Scale fMRI Data Using Apache Spark and GPU Processing: A Demonstration on Resting-State fMRI Data from the Human Connectome Project. <i>Frontiers in Neuroscience</i> , 2015, 9, 492.	2.8	48
52	Improved Quantification of Cerebral Hemodynamics Using Individualized Time Thresholds for Assessment of Peak Enhancement Parameters Derived from Dynamic Susceptibility Contrast Enhanced Magnetic Resonance Imaging. <i>PLoS ONE</i> , 2014, 9, e114999.	2.5	2
53	Scanning fast and slow: current limitations of 3 Tesla functional MRI and future potential. <i>Frontiers in Physics</i> , 2014, 2, 00001.	2.1	20
54	On the generalizability of resting-state fMRI machine learning classifiers. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 502.	2.0	9

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55	Technical Note: Evaluation of the Uncertainties in (Choline+Creatine)/Citrate Ratios Measured by Proton MR Spectroscopic Imaging in Patients Suspicious for Prostate Cancer. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2014, 186, 698-702.	1.3	2
56	Exercising calf muscle changes correlate with pH, PCr recovery and maximum oxidative phosphorylation. <i>NMR in Biomedicine</i> , 2014, 27, 553-560.	2.8	31
57	Lower Fasting Muscle Mitochondrial Activity Relates to Hepatic Steatosis in Humans. <i>Diabetes Care</i> , 2014, 37, 468-474.	8.6	26
58	Additive Gene-Environment Effects on Hippocampal Structure in Healthy Humans. <i>Journal of Neuroscience</i> , 2014, 34, 9917-9926.	3.6	59
59	A Genetic Polymorphism of the Endogenous Opioid Dynorphin Modulates Monetary Reward Anticipation in the Corticostriatal Loop. <i>PLoS ONE</i> , 2014, 9, e89954.	2.5	13
60	Platelet Serotonin Transporter Function Predicts Default-Mode Network Activity. <i>PLoS ONE</i> , 2014, 9, e92543.	2.5	19
61	The Spectral Diversity of Resting-State Fluctuations in the Human Brain. <i>PLoS ONE</i> , 2014, 9, e93375.	2.5	76
62	High-resolution functional MRI of the human amygdala at 7T. <i>European Journal of Radiology</i> , 2013, 82, 728-733.	2.6	71
63	RESCALE: Voxel-specific task-fMRI scaling using resting state fluctuation amplitude. <i>NeuroImage</i> , 2013, 70, 80-88.	4.2	34
64	MR/PET or PET/MRI: does it matter?. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2013, 26, 1-4.	2.0	11
65	Automatic model-based analysis of skeletal muscle BOLD-fMRI in reactive hyperemia. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 963-969.	3.4	12
66	Discontinuous Patterns of Brain Activation in the Psychotherapy Process of Obsessive-Compulsive Disorder: Converging Results from Repeated fMRI and Daily Self-Reports. <i>PLoS ONE</i> , 2013, 8, e71863.	2.5	53
67	Grand challenges in biomedical physics. <i>Frontiers in Physics</i> , 2013, 1, .	2.1	10
68	Beyond Noise: Using Temporal ICA to Extract Meaningful Information from High-Frequency fMRI Signal Fluctuations during Rest. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 168.	2.0	149
69	Effects of individual glucose levels on the neuronal correlates of emotions. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 212.	2.0	11
70	P.1.e.017 Consistency of resting-state networks in a multi-centre dataset. <i>European Neuropsychopharmacology</i> , 2012, 22, S201-S202.	0.7	0
71	A highly parallelized framework for computationally intensive MR data analysis. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2012, 25, 313-320.	2.0	14
72	Culture but not gender modulates amygdala activation during explicit emotion recognition. <i>BMC Neuroscience</i> , 2012, 13, 54.	1.9	35

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73	Heme arginate improves reperfusion patterns after ischemia: a randomized, placebo-controlled trial in healthy male subjects. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, 35.	3.3	22
74	The Human Factor: Behavioral and Neural Correlates of Humanized Perception in Moral Decision Making. <i>PLoS ONE</i> , 2012, 7, e47698.	2.5	39
75	Fully exploratory network independent component analysis of the 1000 functional connectomes database. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 301.	2.0	55
76	Comparison of measuring energy metabolism by different ³¹ P magnetic resonance spectroscopy techniques in resting, ischemic, and exercising muscle. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 898-905.	3.0	35
77	Comparing localized and nonlocalized dynamic ³¹ P magnetic resonance spectroscopy in exercising muscle at 7T. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1713-1723.	3.0	55
78	A Single Nucleotide Polymorphism Associates With the Response of Muscle ATP Synthesis to Long-Term Exercise Training in Relatives of Type 2 Diabetic Humans. <i>Diabetes Care</i> , 2012, 35, 350-357.	8.6	25
79	No amygdala attenuation in schizophrenic patients treated with atypical antipsychotics. <i>Psychiatry Research - Neuroimaging</i> , 2012, 202, 168-171.	1.8	10
80	7â€œ MRâ€œ”from research to clinical applications?. <i>NMR in Biomedicine</i> , 2012, 25, 695-716.	2.8	168
81	Increased Neural Habituation in the Amygdala and Orbitofrontal Cortex in Social Anxiety Disorder Revealed by fMRI. <i>PLoS ONE</i> , 2012, 7, e50050.	2.5	82
82	Orbitofrontal hyperactivity in social anxiety disorder patients: An fmri study. <i>European Psychiatry</i> , 2011, 26, 179-179.	0.2	1
83	Reduced connectivity in the uncinate fiber tract between the frontal cortex and limbic subcortical areas in social phobia. <i>European Psychiatry</i> , 2011, 26, 182-182.	0.2	5
84	Biological alterations during remission of major depressive disorder. <i>European Psychiatry</i> , 2011, 26, 633-633.	0.2	0
85	Peripheral serotonin uptake is related to neural activation in the cingulate cortex. <i>European Psychiatry</i> , 2011, 26, 684-684.	0.2	0
86	Increased functional coupling between basal ganglia and cingulate and prefrontal cortex during resting state conditions in remitted major depressive disorder. <i>European Psychiatry</i> , 2011, 26, 915-915.	0.2	0
87	Increased coupling of resting state activity between amygdala and cortical emotion processing regions in remitted major depressive disorder. <i>European Psychiatry</i> , 2011, 26, 931-931.	0.2	0
88	Remitted major depression is related to increased functional coupling between ventral striatum and cortical regions in resting state fMRI. <i>European Psychiatry</i> , 2011, 26, 948-948.	0.2	1
89	Reduced resting-state functional connectivity between amygdala and orbitofrontal cortex in social anxiety disorder. <i>NeuroImage</i> , 2011, 56, 881-889.	4.2	353
90	Slice-timing effects and their correction in functional MRI. <i>NeuroImage</i> , 2011, 58, 588-594.	4.2	309

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91	Model-free fMRI group analysis using FENICA. <i>NeuroImage</i> , 2011, 55, 185-193.	4.2	35
92	Effect of ischemic preconditioning in skeletal muscle measured by functional magnetic resonance imaging and spectroscopy: a randomized crossover trial. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2011, 13, 32.	3.3	68
93	P.1.033 Serotonin uptake in platelets predicts neural activation in the cingulate cortex. <i>European Neuropsychopharmacology</i> , 2011, 21, S27.	0.7	0
94	P.2.c.020 Synthesising evidence in clinical psychopharmacology and beyond: a re-examination of published meta-analyses. <i>European Neuropsychopharmacology</i> , 2011, 21, S394-S395.	0.7	0
95	Semi-LASER localized dynamic ³¹ P magnetic resonance spectroscopy in exercising muscle at ultra-high magnetic field. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1207-1215.	3.0	39
96	Magnetic resonance microimaging of human skin vasculature in vivo at 3 Tesla. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1718-1723.	3.0	19
97	Body and Liver Fat Mass Rather Than Muscle Mitochondrial Function Determine Glucose Metabolism in Women With a History of Gestational Diabetes Mellitus. <i>Diabetes Care</i> , 2011, 34, 430-436.	8.6	42
98	Liver ATP Synthesis Is Lower and Relates to Insulin Sensitivity in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2011, 34, 448-453.	8.6	177
99	Group ICA of resting-state data: a comparison. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010, 23, 317-325.	2.0	41
100	In vivo MR imaging of brain networks: illusion or revolution?. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010, 23, 275-277.	2.0	3
101	Multiple serial picture presentation with millisecond resolution using a three-way LC-shutter-tachistoscope. <i>Journal of Neuroscience Methods</i> , 2010, 187, 235-242.	2.5	6
102	Fully exploratory network ICA (FENICA) on resting-state fMRI data. <i>Journal of Neuroscience Methods</i> , 2010, 192, 207-213.	2.5	65
103	Windows on the Human Body – in Vivo High-Field Magnetic Resonance Research and Applications in Medicine and Psychology. <i>Sensors</i> , 2010, 10, 5724-5757.	3.8	12
104	Modulation of hypothalamus and amygdalar activation levels with stimulus valence. <i>NeuroImage</i> , 2010, 51, 324-328.	4.2	26
105	Inducing perceptual unawareness: Tachistoscopic stimulus presentation versus visual masking. <i>International Journal of Psychophysiology</i> , 2010, 77, 324-325.	1.0	1
106	Non-invasive assessment of hepatic fat accumulation in chronic hepatitis C by 1H magnetic resonance spectroscopy. <i>European Journal of Radiology</i> , 2010, 74, e60-e66.	2.6	50
107	P.1.028 Altered functional connectivity of the amygdala in social anxiety disorder. <i>European Neuropsychopharmacology</i> , 2010, 20, S24-S25.	0.7	0
108	P.1.e.011 Fronto-limbic interaction of working memory and emotion in the medial prefrontal cortex. <i>European Neuropsychopharmacology</i> , 2010, 20, S294.	0.7	0

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109	Area-specific modulation of neural activation comparing escitalopram and citalopram revealed by pharmacof-fMRI: A randomized cross-over study. <i>NeuroImage</i> , 2010, 49, 1161-1170.	4.2	111
110	Multi-subject analyses with dynamic causal modeling. <i>NeuroImage</i> , 2010, 49, 3065-3074.	4.2	61
111	Ultra-high-field magnetic resonance: Why and when?. <i>World Journal of Radiology</i> , 2010, 2, 37.	1.1	35
112	Amygdala activation during recognition of emotions in a foreign ethnic group is associated with duration of stay. <i>Social Neuroscience</i> , 2009, 4, 294-307.	1.3	50
113	Short-Term Exercise Training Does Not Stimulate Skeletal Muscle ATP Synthesis in Relatives of Humans With Type 2 Diabetes. <i>Diabetes</i> , 2009, 58, 1333-1341.	0.6	62
114	Diffusion-weighted MR for Differentiation of Breast Lesions at 3.0 T: How Does Selection of Diffusion Protocols Affect Diagnosis?. <i>Radiology</i> , 2009, 253, 341-351.	7.3	262
115	Amygdala activity to fear and anger in healthy young males is associated with testosterone. <i>Psychoneuroendocrinology</i> , 2009, 34, 687-693.	2.7	166
116	A resting state network in the motor control circuit of the basal ganglia. <i>BMC Neuroscience</i> , 2009, 10, 137.	1.9	134
117	General and specific responsiveness of the amygdala during explicit emotion recognition in females and males. <i>BMC Neuroscience</i> , 2009, 10, 91.	1.9	76
118	Abnormal hepatic energy homeostasis in type 2 diabetes. <i>Hepatology</i> , 2009, 50, 1079-1086.	7.3	166
119	Assessment of $T_1\rho$ relaxation times in the human calf muscle: A comparison between 3 T and 7 T in vivo. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 574-582.	3.0	118
120	Magnetic resonance imaging methodology. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 30-41.	6.4	40
121	Correlations and anticorrelations in resting-state functional connectivity MRI: A quantitative comparison of preprocessing strategies. <i>NeuroImage</i> , 2009, 47, 1408-1416.	4.2	745
122	fMRI of Emotion. <i>NeuroMethods</i> , 2009, , 411-456.	0.3	8
123	Estimating Activation of Denervated, Degenerated Muscle after Functional Electrical Stimulation with Magnetic Resonance Imaging. <i>IFMBE Proceedings</i> , 2009, , 191-194.	0.3	0
124	Brain Activity Movie Functional MRI with Ultra-High Temporal Resolution at 7 Tesla. <i>IFMBE Proceedings</i> , 2009, , 192-194.	0.3	1
125	Effects of functional electrical stimulation in denervated thigh muscles of paraplegic patients mapped with T2 imaging. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2008, 21, 219-226.	2.0	13
126	The impact of EPI voxel size on SNR and BOLD sensitivity in the anterior medio-temporal lobe: a comparative group study of deactivation of the Default Mode. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2008, 21, 279-290.	2.0	45

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127	Re-establishment of normal blood flow is mandatory to restore intramuscular high energy phosphate levels after transient ischemia. BMC Pharmacology, 2008, 8, .	0.4	0
128	Three-dimensional high-resolution magnetic resonance spectroscopic imaging for absolute quantification of ³¹ P metabolites in human liver. Magnetic Resonance in Medicine, 2008, 60, 796-802.	3.0	47
129	Quantitative ATP synthesis in human liver measured by localized ³¹ P spectroscopy using the magnetization transfer experiment. NMR in Biomedicine, 2008, 21, 437-443.	2.8	61
130	Time-resolved analysis of fMRI signal changes using Brain Activation Movies. Journal of Neuroscience Methods, 2008, 169, 222-230.	2.5	16
131	Functional Electrical Stimulation of Long-term Denervated, Degenerated Human Skeletal Muscle: Estimating Activation Using T2-Parameter Magnetic Resonance Imaging Methods. Artificial Organs, 2008, 32, 604-608.	1.9	16
132	Facial emotion recognition and amygdala activation are associated with menstrual cycle phase. Psychoneuroendocrinology, 2008, 33, 1031-1040.	2.7	156
133	Altered reward processing in the nucleus accumbens and mesial prefrontal cortex of patients with posttraumatic stress disorder. Neuropsychologia, 2008, 46, 2836-2844.	1.6	169
134	Emotion recognition accuracy in healthy young females is associated with cycle phase. Hormones and Behavior, 2008, 53, 90-95.	2.1	160
135	Metabolic changes in the normal ageing brain: Consistent findings from short and long echo time proton spectroscopy. European Journal of Radiology, 2008, 68, 320-327.	2.6	76
136	The suppressive influence of SMA on M1 in motor imagery revealed by fMRI and dynamic causal modeling. NeuroImage, 2008, 40, 828-837.	4.2	219
137	Multimodal imaging of human early visual cortex by combining functional and molecular measurements with fMRI and PET. NeuroImage, 2008, 41, 204-211.	4.2	32
138	The spatial resolution in dosimetry with normoxic polymer gels investigated with the dose modulation transfer approach. Medical Physics, 2008, 35, 1756-1769.	3.0	18
139	Neurological and brain MRS findings in patients with Gaucher disease type 1. Molecular Genetics and Metabolism, 2007, 91, 390-395.	1.1	16
140	Treatment of cognition and affect in schizophrenia. European Psychiatry, 2007, 22, S13.	0.2	0
141	Diffusion tensor imaging and optimized fiber tracking in glioma patients: Histopathologic evaluation of tumor-invaded white matter structures. NeuroImage, 2007, 34, 949-956.	4.2	117
142	The functional role of dorso-lateral premotor cortex during mental rotation. NeuroImage, 2007, 36, 1374-1386.	4.2	69
143	Imaging the changing role of feedback during learning in decision-making. NeuroImage, 2007, 37, 1474-1486.	4.2	24
144	Absolute quantification of phosphorus metabolite concentrations in human muscle <i>in vivo</i> by ³¹ P MRS: a quantitative review. NMR in Biomedicine, 2007, 20, 555-565.	2.8	256

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145	Direct noninvasive quantification of lactate and high energy phosphates simultaneously in exercising human skeletal muscle by localized magnetic resonance spectroscopy. <i>Magnetic Resonance in Medicine</i> , 2007, 57, 654-660.	3.0	39
146	Amygdala activation at 3T in response to human and avatar facial expressions of emotions. <i>Journal of Neuroscience Methods</i> , 2007, 161, 126-133.	2.5	110
147	Decrease of NAA with aging outside the seizure focus in mesial temporal lobe epilepsy – A proton-MRS study at 3T. <i>Brain Research</i> , 2007, 1179, 131-139.	2.2	15
148	Amygdala activation and facial expressions: Explicit emotion discrimination versus implicit emotion processing. <i>Neuropsychologia</i> , 2007, 45, 2369-2377.	1.6	171
149	Changes in fiber integrity, diffusivity, and metabolism of the pyramidal tract adjacent to gliomas: a quantitative diffusion tensor fiber tracking and MR spectroscopic imaging study. <i>American Journal of Neuroradiology</i> , 2007, 28, 462-9.	2.4	66
150	The selection of intended actions and the observation of others' actions: A time-resolved fMRI study. <i>NeuroImage</i> , 2006, 29, 1294-1302.	4.2	123
151	EEG reveals the effect of fMRI scanner noise on noise-sensitive subjects. <i>NeuroImage</i> , 2006, 31, 332-341.	4.2	28
152	Basic investigations on the performance of a normoxic polymer gel with tetrakis-hydroxy-methyl-phosphonium chloride as an oxygen scavenger: Reproducibility, accuracy, stability, and dose rate dependence. <i>Medical Physics</i> , 2006, 33, 2506-2518.	3.0	37
153	¹ H magnetic resonance spectroscopy at 3 T in cryptogenic and mesial temporal lobe epilepsy. <i>NMR in Biomedicine</i> , 2006, 19, 544-553.	2.8	39
154	Preoperative Grading of Gliomas by Using Metabolite Quantification with High-Spatial-Resolution Proton MR Spectroscopic Imaging. <i>Radiology</i> , 2006, 238, 958-969.	7.3	168
155	Gliomas: Histopathologic Evaluation of Changes in Directionality and Magnitude of Water Diffusion at Diffusion-Tensor MR Imaging. <i>Radiology</i> , 2006, 240, 803-810.	7.3	181
156	Proton Magnetic Resonance Spectroscopic Imaging Integrated into Image-guided Surgery: Correlation to Standard Magnetic Resonance Imaging and Tumor Cell Density. <i>Operative Neurosurgery</i> , 2005, 56, ONS-291-ONS-298.	0.8	65
157	Dynamic interleaved ¹ H/ ³¹ P STEAM MRS at 3 Tesla using a pneumatic force-controlled plantar flexion exercise rig. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2005, 18, 257-262.	2.0	39
158	fMRI of the Emotions: Towards an Improved Understanding of Amygdala Function. <i>Current Medical Imaging</i> , 2005, 1, 115-129.	0.8	14
159	Premovement activity of the pre-supplementary motor area and the readiness for action: Studies of time-resolved event-related functional MRI. <i>Human Movement Science</i> , 2005, 24, 644-656.	1.4	141
160	Proton magnetic resonance spectroscopic imaging in brain tumor diagnosis. <i>Neurosurgery Clinics of North America</i> , 2005, 16, 101-114.	1.7	32
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