

Robert Turner

List of Publications by Year in descending order

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177
papers

24,486
citations

15504

65
h-index

7950

149
g-index

185
all docs

185
docs citations

185
times ranked

21924
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative T1 mapping using multi-slice multi-shot inversion recovery EPI. <i>NeuroImage</i> , 2021, 234, 117976.	4.2	10
2	Validating layer-specific VASO across species. <i>NeuroImage</i> , 2021, 237, 118195.	4.2	11
3	Colwyn Trevarthen: Mentor and friend. <i>Arts in Psychotherapy</i> , 2019, 65, 101590.	1.2	0
4	Finding likeness: Neural plasticity and ritual experience. <i>Anthropology Today</i> , 2019, 35, 3-6.	0.5	2
5	Myelin and Modeling: Bootstrapping Cortical Microcircuits. <i>Frontiers in Neural Circuits</i> , 2019, 13, 34.	2.8	37
6	Somatosensory BOLD fMRI reveals close link between salient blood pressure changes and the murine neuromatrix. <i>NeuroImage</i> , 2018, 172, 562-574.	4.2	21
7	Uncertainty and expectancy deviations require cortico-subcortical cooperation. <i>NeuroImage</i> , 2017, 144, 23-34.	4.2	13
8	Habenula volume increases with disease severity in unmedicated major depressive disorder as revealed by 7T MRI. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 107-115.	3.2	44
9	After over 200 years, 7 T magnetic resonance imaging reveals the foliate structure of the human corpus callosum <i>in vivo</i> . <i>British Journal of Radiology</i> , 2017, 90, 20160906.	2.2	2
10	Bridging the gap between system and cell: The role of ultra-high field MRI in human neuroscience. <i>Progress in Brain Research</i> , 2017, 233, 179-220.	1.4	11
11	Functional cerebral blood volume mapping with simultaneous multi-slice acquisition. <i>NeuroImage</i> , 2016, 125, 1159-1168.	4.2	22
12	Uses, misuses, new uses and fundamental limitations of magnetic resonance imaging in cognitive science. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150349.	4.0	55
13	Recent applications of UHF-MRI in the study of human brain function and structure: a review. <i>NMR in Biomedicine</i> , 2016, 29, 1274-1288.	2.8	81
14	Temperature dependence of water diffusion pools in brain white matter. <i>NeuroImage</i> , 2016, 127, 135-143.	4.2	17
15	Advanced MRI techniques to improve our understanding of experience-induced neuroplasticity. <i>NeuroImage</i> , 2016, 131, 55-72.	4.2	99
16	Open Science CBS Neuroimaging Repository: Sharing ultra-high-field MR images of the brain. <i>NeuroImage</i> , 2016, 124, 1143-1148.	4.2	17
17	A subject-specific framework for <i>in vivo</i> myeloarchitectonic analysis using high resolution quantitative MRI. <i>NeuroImage</i> , 2016, 125, 94-107.	4.2	93
18	The subthalamic nucleus during decision-making with multiple alternatives. <i>Human Brain Mapping</i> , 2015, 36, 4041-4052.	3.6	31

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19	Simultaneous acquisition of cerebral blood volumeâ€¦, blood flowâ€¦, and blood oxygenationâ€¦weighted <scp>MRI</scp> signals at ultraâ€¦high magnetic field. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 513-517.	3.0	9
20	Why musical memory can be preserved in advanced Alzheimerâ€™s disease. <i>Brain</i> , 2015, 138, 2438-2450.	7.6	214
21	Real diffusion-weighted MRI enabling true signal averaging and increased diffusion contrast. <i>NeuroImage</i> , 2015, 122, 373-384.	4.2	88
22	Multi-contrast multi-scale surface registration for improved alignment of cortical areas. <i>NeuroImage</i> , 2015, 111, 107-122.	4.2	70
23	High-resolution 7T fMRI of Human Hippocampal Subfields during Associative Learning. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 1194-1206.	2.3	54
24	Cortical lamina-dependent blood volume changes in human brain at 7 T. <i>NeuroImage</i> , 2015, 107, 23-33.	4.2	152
25	Spatial normalization of ultrahigh resolution 7T magnetic resonance imaging data of the postmortem human subthalamic nucleus: a multistage approach. <i>Brain Structure and Function</i> , 2015, 220, 1695-1703.	2.3	25
26	Transparent thin shield for radio frequency transmit coils. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2015, 28, 49-56.	2.0	2
27	Deficient approaches to human neuroimaging. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 462.	2.0	59
28	Prioritizing spatial accuracy in high-resolution fMRI data using multivariate feature weight mapping. <i>Frontiers in Neuroscience</i> , 2014, 8, 66.	2.8	22
29	Connectivity Architecture and Subdivision of the Human Inferior Parietal Cortex Revealed by Diffusion MRI. <i>Cerebral Cortex</i> , 2014, 24, 2436-2448.	2.9	80
30	Layer-Specific Intracortical Connectivity Revealed with Diffusion MRI. <i>Cerebral Cortex</i> , 2014, 24, 328-339.	2.9	116
31	Slab-selective, BOLD-corrected VASO at 7 Tesla provides measures of cerebral blood volume reactivity with high signal-to-noise ratio. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 137-148.	3.0	107
32	Slice accelerated gradientâ€¦echo spinâ€¦echo dynamic susceptibility contrast imaging with blipped CAIPI for increased slice coverage. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 770-778.	3.0	35
33	Highâ€¦resolution MRI and diffusionâ€¦weighted imaging of the human habenula at 7 tesla. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 1018-1026.	3.4	62
34	A gradual increase of iron toward the medialâ€¦inferior tip of the subthalamic nucleus. <i>Human Brain Mapping</i> , 2014, 35, 4440-4449.	3.6	52
35	Seven-Tesla Magnetic Resonance Imaging in Wilson Disease Using Quantitative Susceptibility Mapping for Measurement of Copper Accumulation. <i>Investigative Radiology</i> , 2014, 49, 299-306.	6.2	58
36	Myelin and iron concentration in the human brain: A quantitative study of MRI contrast. <i>NeuroImage</i> , 2014, 93, 95-106.	4.2	528

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37	Using carbogen for calibrated fMRI at 7Tesla: Comparison of direct and modelled estimation of the M parameter. <i>NeuroImage</i> , 2014, 84, 605-614.	4.2	9
38	The functional architecture of S1 during touch observation described with 7T fMRI. <i>Brain Structure and Function</i> , 2014, 219, 119-140.	2.3	55
39	Introduction to the <i>NeuroImage</i> Special Issue: "In vivo Brodmann mapping of the human brain". <i>NeuroImage</i> , 2014, 93, 155-156.	4.2	14
40	A computational framework for ultra-high resolution cortical segmentation at 7Tesla. <i>NeuroImage</i> , 2014, 93, 201-209.	4.2	164
41	Anatomical brain imaging at 7T using two-dimensional GRASE. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1291-1301.	3.0	12
42	Regional reproducibility of calibrated BOLD functional MRI: Implications for the study of cognition and plasticity. <i>NeuroImage</i> , 2014, 101, 8-20.	4.2	18
43	Comparing Like with Like: The Power of Knowing Where You Are. <i>Brain Connectivity</i> , 2014, 4, 547-557.	1.7	41
44	Imaging the developing brain. <i>International Journal of Developmental Neuroscience</i> , 2014, 32, 1-2.	1.6	1
45	Dorsomedial striatum involvement in regulating conflict between current and presumed outcomes. <i>NeuroImage</i> , 2014, 98, 159-167.	4.2	12
46	Investigation of the neurovascular coupling in positive and negative BOLD responses in human brain at 7T. <i>NeuroImage</i> , 2014, 97, 349-362.	4.2	101
47	Multi-modal ultra-high resolution structural 7-Tesla MRI data repository. <i>Scientific Data</i> , 2014, 1, 140050.	5.3	50
48	Slice accelerated diffusion-weighted imaging at ultra-high field strength. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 1518-1525.	3.0	41
49	Fast accurate MR thermometry using phase referenced asymmetric spin-echo EPI at high field. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 524-533.	3.0	12
50	Judging roughness by sight: A 7-Tesla fMRI study on responsivity of the primary somatosensory cortex during observed touch of self and others. <i>Human Brain Mapping</i> , 2013, 34, 1882-1895.	3.6	47
51	Diffusion imaging-based subdivision of the human hypothalamus: a magnetic resonance study with clinical implications. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2013, 263, 497-508.	3.2	20
52	Response to commentaries on our paper: Critical comments on dynamic causal modelling. <i>NeuroImage</i> , 2013, 75, 279-281.	4.2	9
53	Optimization of geometry for a dual-row MRI array at 400 MHz. , 2013, , .		1
54	Toward in vivo histology: A comparison of quantitative susceptibility mapping (QSM) with magnitude-, phase-, and R2*-imaging at ultra-high magnetic field strength. <i>NeuroImage</i> , 2013, 65, 299-314.	4.2	382

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55	“More Is Different” in Functional Magnetic Resonance Imaging: A Review of Recent Data Analysis Techniques. <i>Brain Connectivity</i> , 2013, 3, 223-239.	1.7	20
56	White matter integrity, fiber count, and other fallacies: The do's and don'ts of diffusion MRI. <i>NeuroImage</i> , 2013, 73, 239-254.	4.2	2,042
57	Optimizing T1-weighted imaging of cortical myelin content at 3.0T. <i>NeuroImage</i> , 2013, 65, 1-12.	4.2	63
58	Statistical inference and multiple testing correction in classification-based multi-voxel pattern analysis (MVPA): Random permutations and cluster size control. <i>NeuroImage</i> , 2013, 65, 69-82.	4.2	340
59	Ultra-High 7T MRI of Structural Age-Related Changes of the Subthalamic Nucleus. <i>Journal of Neuroscience</i> , 2013, 33, 4896-4900.	3.6	116
60	In vivo MRI analysis of depth-dependent ultrastructure in human knee cartilage at 7T. <i>NMR in Biomedicine</i> , 2013, 26, 1412-1419.	2.8	7
61	RF transmit robustness of dual-row MRI array at 300 MHz. , 2013, , .		1
62	Influence of dual-row loop array geometry on near field transmit properties at 300 MHz. , 2013, , .		1
63	Sensory information processing may be neuroenergetically more demanding in migraine patients. <i>NeuroReport</i> , 2013, 24, 202-205.	1.2	23
64	How to engage the right brain hemisphere in aphasics without even singing: evidence for two paths of speech recovery. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 35.	2.0	56
65	High-Resolution MR Imaging of the Human Brainstem In vivo at 7 Tesla. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 710.	2.0	88
66	Mapping of the internal structure of human habenula with ex vivo MRI at 7T. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 878.	2.0	25
67	Where Matters: New Approaches to Brain Analysis. , 2013, , 179-196.		3
68	MRI Methods for In-Vivo Cortical Parcellation. , 2013, , 197-220.		4
69	Development and Evaluation of an Algorithm for the Computer-Assisted Segmentation of the Human Hypothalamus on 7-Tesla Magnetic Resonance Images. <i>PLoS ONE</i> , 2013, 8, e66394.	2.5	37
70	Engineering of 7T transmit multi-row arrays. , 2012, 2012, 1089-92.		7
71	Comprehensive analysis of transmit performance for an 8-element loop MRI RF transceiver coil at 300 MHz. , 2012, , .		1
72	Optimization of a near-field array. , 2012, , .		9

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73	Cerebral Blood Volume Changes during Brain Activation. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 1618-1631.	4.3	37
74	The need for systematic ethnopsychology: The ontological status of mentalistic terminology. Anthropological Theory, 2012, 12, 29-42.	2.2	36
75	An embedded optical tracking system for motion-corrected magnetic resonance imaging at 7T. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2012, 25, 443-453.	2.0	91
76	The NIH experience in first advancing fMRI. NeuroImage, 2012, 62, 632-636.	4.2	4
77	Critical comments on dynamic causal modelling. NeuroImage, 2012, 59, 2322-2329.	4.2	107
78	Cortico-subthalamic white matter tract strength predicts interindividual efficacy in stopping a motor response. NeuroImage, 2012, 60, 370-375.	4.2	160
79	k-space and q-space: Combining ultra-high spatial and angular resolution in diffusion imaging using ZOOPPA at 7T. NeuroImage, 2012, 60, 967-978.	4.2	122
80	An anterior-posterior gradient of cognitive control within the dorsomedial striatum. NeuroImage, 2012, 62, 41-47.	4.2	99
81	Perception of Words and Pitch Patterns in Song and Speech. Frontiers in Psychology, 2012, 3, 76.	2.1	71
82	Neuroscientific Applications of High-Field MRI in Humans. Medical Radiology, 2012, , 137-149.	0.1	5
83	Are there three subdivisions in the primate subthalamic nucleus?. Frontiers in Neuroanatomy, 2012, 6, 14.	1.7	50
84	Connectivity Concordance Mapping: A New Tool for Model-Free Analysis of fMRI Data of the Human Brain. Frontiers in Systems Neuroscience, 2012, 6, 13.	2.5	7
85	New Concepts in Brain Networks. Frontiers in Systems Neuroscience, 2012, 6, 56.	2.5	1
86	Isotropic submillimeter fMRI in the human brain at 7 T: Combining reduced field-of-view imaging and partially parallel acquisitions. Magnetic Resonance in Medicine, 2012, 68, 1506-1516.	3.0	89
87	Direct visualization of the subthalamic nucleus and its iron distribution using high-resolution susceptibility mapping. Human Brain Mapping, 2012, 33, 2831-2842.	3.6	91
88	Structural studies of the hypothalamus and its nuclei in mood disorders. Psychiatry Research - Neuroimaging, 2012, 201, 1-9.	1.8	38
89	Ultrahigh field systems and applications at 7 T and beyond: Progress, pitfalls, and potential. Magnetic Resonance in Medicine, 2012, 67, 317-321.	3.0	29
90	Effects of air susceptibility on proton resonance frequency MR thermometry. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2012, 25, 41-47.	2.0	17

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91	Measuring temperature using MRI: a powerful and versatile technique. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2012, 25, 1-3.	2.0	8
92	Rhythm in disguise: why singing may not hold the key to recovery from aphasia. <i>Brain</i> , 2011, 134, 3083-3093.	7.6	126
93	Parcellation of human amygdala in vivo using ultra high field structural MRI. <i>NeuroImage</i> , 2011, 58, 741-748.	4.2	61
94	How the brain tissue shapes the electric field induced by transcranial magnetic stimulation. <i>NeuroImage</i> , 2011, 58, 849-859.	4.2	291
95	Exploring functional relations between brain regions from fMRI meta-analysis data: Comments on Ramsey, Spirtes, and Glymour. <i>NeuroImage</i> , 2011, 57, 331-333.	4.2	3
96	Microstructural Parcellation of the Human Cerebral Cortex "From Brodmann's Post-Mortem Map to in vivo Mapping with High-Field Magnetic Resonance Imaging. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 19.	2.0	198
97	Analysis of RF transmit performance for a 7T dual row multichannel MRI loop array. , 2011, 2011, 547-53.		20
98	Do the Congenitally Blind Have a Stria of Gennari? First Intracortical Insights In Vivo. <i>Cerebral Cortex</i> , 2011, 21, 2075-2081.	2.9	71
99	Diffusion imaging in humans at 7T using readout-segmented EPI and GRAPPA. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 9-14.	3.0	151
100	Image restoration and spatial resolution in 7Tesla magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 15-22.	3.0	25
101	A simple low-SAR technique for chemical-shift selection with high-field spin-echo imaging. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 319-326.	3.0	29
102	Recent Advances in High-Resolution MR Application and Its Implications for Neurovascular Coupling Research. <i>Frontiers in Neuroenergetics</i> , 2010, 2, 130.	5.3	23
103	Setting the Frame: The Human Brain Activates a Basic Low-Frequency Network for Language Processing. <i>Cerebral Cortex</i> , 2010, 20, 1286-1292.	2.9	70
104	Cortico-striatal connections predict control over speed and accuracy in perceptual decision making. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15916-15920.	7.1	332
105	Eigenvector Centrality Mapping for Analyzing Connectivity Patterns in fMRI Data of the Human Brain. <i>PLoS ONE</i> , 2010, 5, e10232.	2.5	406
106	Whole-brain mapping of venous vessel size in humans using the hypercapnia-induced BOLD effect. <i>NeuroImage</i> , 2010, 51, 765-774.	4.2	39
107	Learning partially directed functional networks from meta-analysis imaging data. <i>NeuroImage</i> , 2010, 49, 1372-1384.	4.2	21
108	Diffusion tensor imaging segments the human amygdala in vivo. <i>NeuroImage</i> , 2010, 49, 2958-2965.	4.2	98

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109	The brain in culture and culture in the brain: a review of core issues in neuroanthropology. Progress in Brain Research, 2009, 178, 43-64.	1.4	25
110	Optimised in vivo visualisation of cortical structures in the human brain at 3 T using IR-TSE. Magnetic Resonance Imaging, 2008, 26, 935-942.	1.8	43
111	Speech and song: The role of the cerebellum. Cerebellum, 2007, 6, 321-327.	2.5	66
112	Optimized EPI for fMRI studies of the orbitofrontal cortex: compensation of susceptibility-induced gradients in the readout direction. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2007, 20, 39-49.	2.0	157
113	BOLD Contrast fMRI as a Tool for Imaging Neuroscience. , 2007, , 297-312.		0
114	Song and speech: Brain regions involved with perception and covert production. NeuroImage, 2006, 31, 1327-1342.	4.2	241
115	BOLD correlates of EMG spectral density in cortical myoclonus: Description of method and case report. NeuroImage, 2006, 32, 558-565.	4.2	21
116	Improving whole brain structural MRI at 4.7 Tesla using 4 irregularly shaped receiver coils. NeuroImage, 2006, 32, 1176-1184.	4.2	23
117	Ritual: Meaningful or meaningless?. Behavioral and Brain Sciences, 2006, 29, 633-633.	0.7	1
118	Selective averaging for the diffusion tensor measurement. Magnetic Resonance Imaging, 2005, 23, 585-590.	1.8	6
119	3D MDEFT imaging of the human brain at 4.7 T with reduced sensitivity to radiofrequency inhomogeneity. Magnetic Resonance in Medicine, 2005, 53, 1452-1458.	3.0	33
120	3D DT-MRI using a reduced-FOV approach and saturation pulses. Magnetic Resonance in Medicine, 2004, 51, 853-857.	3.0	10
121	High-resolution fast spin echo imaging of the human brain at 4.7 T: Implementation and sequence characteristics. Magnetic Resonance in Medicine, 2004, 51, 1254-1264.	3.0	53
122	The MR detection of neuronal depolarization during 3-Hz spike-and-wave complexes in generalized epilepsy. Magnetic Resonance Imaging, 2004, 22, 1441-1444.	1.8	40
123	Commentary on "Freud's Theory of Mind and Functional Imaging Experiments": Neuropsychanalysis, 2004, 6, 153-155.	0.7	0
124	Becoming a Pianist. Annals of the New York Academy of Sciences, 2003, 999, 204-208.	3.8	24
125	Brain changes after learning to read and play music. NeuroImage, 2003, 20, 71-83.	4.2	133
126	Techniques for imaging neuroscience. British Medical Bulletin, 2003, 65, 3-20.	6.9	47

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127	Echo Time Dependence of BOLD Contrast and Susceptibility Artifacts. <i>NeuroImage</i> , 2002, 15, 136-142.	4.2	89
128	Initial Demonstration of in Vivo Tracing of Axonal Projections in the Macaque Brain and Comparison with the Human Brain Using Diffusion Tensor Imaging and Fast Marching Tractography. <i>NeuroImage</i> , 2002, 15, 797-809.	4.2	171
129	Image Distortion Correction in fMRI: A Quantitative Evaluation. <i>NeuroImage</i> , 2002, 16, 217-240.	4.2	638
130	How Much Cortex Can a Vein Drain? Downstream Dilution of Activation-Related Cerebral Blood Oxygenation Changes. <i>NeuroImage</i> , 2002, 16, 1062-1067.	4.2	322
131	Sulcal Segmentation for Cortical Thickness Measurements. <i>Lecture Notes in Computer Science</i> , 2002, , 443-450.	1.3	6
132	Are fMRI realignment parameters contaminated by task-induced activation?. <i>NeuroImage</i> , 2001, 13, 24.	4.2	0
133	Modeling Geometric Deformations in EPI Time Series. <i>NeuroImage</i> , 2001, 13, 903-919.	4.2	807
134	Event-Related fMRI with Simultaneous and Continuous EEG: Description of the Method and Initial Case Report. <i>NeuroImage</i> , 2001, 14, 780-787.	4.2	260
135	Culture and the Human Brain. <i>Anthropology and Humanism Quarterly</i> , 2001, 26, 167-172.	0.2	11
136	Magnetic Resonance Angiography in Facial and other Pain: Neurovascular Mechanisms of Trigeminal Sensation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2001, 21, 1171-1176.	4.3	108
137	Brain Areas Sensitive to Coherent Visual Motion. <i>Perception</i> , 2001, 30, 61-72.	1.2	317
138	A Method for Removing Imaging Artifact from Continuous EEG Recorded during Functional MRI. <i>NeuroImage</i> , 2000, 12, 230-239.	4.2	1,170
139	Measuring Cerebral Blood Flow Using Magnetic Resonance Imaging Techniques. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1999, 19, 701-735.	4.3	607
140	The Effect of Slice Order and Thickness on fMRI Activation Data Using Multislice Echo-Planar Imaging. <i>NeuroImage</i> , 1999, 9, 363-376.	4.2	40
141	Right parietal cortex is involved in the perception of sound movement in humans. <i>Nature Neuroscience</i> , 1998, 1, 74-79.	14.8	251
142	Nonlinear event-related responses in fMRI. <i>Magnetic Resonance in Medicine</i> , 1998, 39, 41-52.	3.0	591
143	Blood Oxygenation Level Dependent Signal Time Courses During Prolonged Visual Stimulation. <i>Magnetic Resonance Imaging</i> , 1998, 16, 1-11.	1.8	30
144	The Time Course of Changes during Motor Sequence Learning: A Whole-Brain fMRI Study. <i>NeuroImage</i> , 1998, 8, 50-61.	4.2	362

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145	Hemispheric specialization for English and ASL. <i>NeuroReport</i> , 1998, 9, 1537-1542.	1.2	91
146	Echo-Planar Imaging. , 1998, , .		128
147	Simultaneous Measurement of \hat{T}^*R_2 and $\hat{T}^*R_2^*$ in Cat Brain during Hypoxia and Hypercapnia. <i>NeuroImage</i> , 1997, 6, 191-200.	4.2	38
148	Lateral geniculate activations can be detected using intersubject averaging and fMRI. <i>Magnetic Resonance in Medicine</i> , 1997, 38, 691-694.	3.0	30
149	Event-related fMRI. <i>Human Brain Mapping</i> , 1997, 5, 243-248.	3.6	590
150	Diffusion-Weighted Magnetic Resonance Imaging. , 1997, , 179-211.		2
151	Signal Sources in Bold Contrast FMRI. <i>Advances in Experimental Medicine and Biology</i> , 1997, 413, 19-25.	1.6	26
152	Quantitative Comparison of Functional Magnetic Resonance Imaging with Positron Emission Tomography Using a Force-Related Paradigm. <i>NeuroImage</i> , 1996, 4, 201-209.	4.2	97
153	Movement-Related effects in fMRI time-series. <i>Magnetic Resonance in Medicine</i> , 1996, 35, 346-355.	3.0	3,064
154	Apparent diffusion coefficients in benign and secondary progressive multiple sclerosis by nuclear magnetic resonance. <i>Magnetic Resonance in Medicine</i> , 1996, 36, 393-400.	3.0	176
155	A Model for Quantification of Perfusion in Pulsed Labelling Techniques. <i>NMR in Biomedicine</i> , 1996, 9, 79-83.	2.8	78
156	Imaging focal reperfusion injury following global ischemia with diffusion-weighted magnetic resonance imaging and 1H -Magnetic Resonance Spectroscopy. <i>Magnetic Resonance Imaging</i> , 1996, 14, 581-592.	1.8	16
157	Magnetic resonance imaging methods for study of human brain function and their application at high magnetic field. <i>Computerized Medical Imaging and Graphics</i> , 1996, 20, 467-481.	5.8	4
158	A functional magnetic resonance imaging study of cortical regions associated with motor task execution and motor ideation in humans. <i>Human Brain Mapping</i> , 1995, 3, 83-92.	3.6	113
159	Functional MRI evidence for adult motor cortex plasticity during motor skill learning. <i>Nature</i> , 1995, 377, 155-158.	27.8	1,642
160	Functional mapping of the human brain with magnetic resonance imaging. <i>Seminars in Neuroscience</i> , 1995, 7, 179-194.	2.2	21
161	Activation of Prefrontal Cortex in Children during a Nonspatial Working Memory Task with Functional MRI. <i>NeuroImage</i> , 1995, 2, 221-229.	4.2	333
162	Comparison of EPI gradient-echo contrast changes in cat brain caused by respiratory challenges with direct simultaneous evaluation of cerebral oxygenation via a cranial window. <i>NMR in Biomedicine</i> , 1994, 7, 35-44.	2.8	84

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163	Magnetic resonance imaging of brain function. <i>Annals of Neurology</i> , 1994, 35, 637-638.	5.3	26
164	How to see the mind. <i>Physics World</i> , 1994, 7, 29-33.	0.0	3
165	Gradient coil design: A review of methods. <i>Magnetic Resonance Imaging</i> , 1993, 11, 903-920.	1.8	358
166	The capillary network: a link between ivim and classical perfusion. <i>Magnetic Resonance in Medicine</i> , 1992, 27, 171-178.	3.0	354
167	MR Color Mapping of Myelin Fiber Orientation. <i>Journal of Computer Assisted Tomography</i> , 1991, 15, 923-929.	0.9	239
168	Angiography and perfusion measurements by NMR. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 1991, 23, 93-133.	7.5	20
169	Intravoxel incoherent motion imaging using spin echoes. <i>Magnetic Resonance in Medicine</i> , 1991, 19, 221-227.	3.0	67
170	Echo-planar imaging of diffusion and perfusion. <i>Magnetic Resonance in Medicine</i> , 1991, 19, 247-253.	3.0	139
171	Echo-planar time course MRI of cat brain oxygenation changes. <i>Magnetic Resonance in Medicine</i> , 1991, 22, 159-166.	3.0	387
172	Imaging of diffusion and microcirculation with gradient sensitization: Design, strategy, and significance. <i>Journal of Magnetic Resonance Imaging</i> , 1991, 1, 7-28.	3.4	272
173	Echo-planar imaging with asymmetric gradient modulation and inner-volume excitation. <i>Magnetic Resonance in Medicine</i> , 1990, 13, 162-169.	3.0	82
174	Single-shot localized echo-planar imaging (STEAM-EPI) at 4.7 tesla. <i>Magnetic Resonance in Medicine</i> , 1990, 14, 401-408.	3.0	34
175	Single-shot diffusion imaging at 2.0 tesla. <i>Journal of Magnetic Resonance</i> , 1990, 86, 445-452.	0.5	54
176	Numerical computation of the director field in a twist wall. <i>Philosophical Magazine and Journal</i> , 1975, 31, 719-722.	1.7	3
177	Twist walls in nematic liquid crystals. <i>Philosophical Magazine and Journal</i> , 1974, 30, 13-20.	1.7	12