

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	Movement-Related effects in fMRI time-series. <i>Magnetic Resonance in Medicine</i> , 1996, 35, 346-355.	3.0	3,064
2	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
3	Functional MRI evidence for adult motor cortex plasticity during motor skill learning. <i>Nature</i> , 1995, 377, 155-158.	27.8	1,642
4	A Method for Removing Imaging Artifact from Continuous EEG Recorded during Functional MRI. <i>NeuroImage</i> , 2000, 12, 230-239.	4.2	1,170
5	Modeling Geometric Deformations in EPI Time Series. <i>NeuroImage</i> , 2001, 13, 903-919.	4.2	807
6	Image Distortion Correction in fMRI: A Quantitative Evaluation. <i>NeuroImage</i> , 2002, 16, 217-240.	4.2	638
7	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
8	Nonlinear event-related responses in fMRI. <i>Magnetic Resonance in Medicine</i> , 1998, 39, 41-52.	3.0	591
9	Event-related fMRI. <i>Human Brain Mapping</i> , 1997, 5, 243-248.	3.6	590
10	Myelin and iron concentration in the human brain: A quantitative study of MRI contrast. <i>NeuroImage</i> , 2014, 93, 95-106.	4.2	528
11	Eigenvector Centrality Mapping for Analyzing Connectivity Patterns in fMRI Data of the Human Brain. <i>PLoS ONE</i> , 2010, 5, e10232.	2.5	406
12	Echo-planar time course MRI of cat brain oxygenation changes. <i>Magnetic Resonance in Medicine</i> , 1991, 22, 159-166.	3.0	387
13	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
14	The Time Course of Changes during Motor Sequence Learning: A Whole-Brain fMRI Study. <i>NeuroImage</i> , 1998, 8, 50-61.	4.2	362
15	Gradient coil design: A review of methods. <i>Magnetic Resonance Imaging</i> , 1993, 11, 903-920.	1.8	358
16	The capillary network: a link between ivim and classical perfusion. <i>Magnetic Resonance in Medicine</i> , 1992, 27, 171-178.	3.0	354
17	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
18	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

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19	Cortico-striatal connections predict control over speed and accuracy in perceptual decision making. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15916-15920.	7.1	332
20	How Much Cortex Can a Vein Drain? Downstream Dilution of Activation-Related Cerebral Blood Oxygenation Changes. NeuroImage, 2002, 16, 1062-1067.	4.2	322
21	Brain Areas Sensitive to Coherent Visual Motion. Perception, 2001, 30, 61-72.	1.2	317
22	How the brain tissue shapes the electric field induced by transcranial magnetic stimulation. NeuroImage, 2011, 58, 849-859.	4.2	291
23	Imaging of diffusion and microcirculation with gradient sensitization: Design, strategy, and significance. Journal of Magnetic Resonance Imaging, 1991, 1, 7-28.	3.4	272
24	Event-Related fMRI with Simultaneous and Continuous EEG: Description of the Method and Initial Case Report. NeuroImage, 2001, 14, 780-787.	4.2	260
25	Right parietal cortex is involved in the perception of sound movement in humans. Nature Neuroscience, 1998, 1, 74-79.	14.8	251
26	Song and speech: Brain regions involved with perception and covert production. NeuroImage, 2006, 31, 1327-1342.	4.2	241
27	MR Color Mapping of Myelin Fiber Orientation. Journal of Computer Assisted Tomography, 1991, 15, 923-929.	0.9	239
28	Why musical memory can be preserved in advanced Alzheimer's disease. Brain, 2015, 138, 2438-2450.	7.6	214
29	Microstructural Parcellation of the Human Cerebral Cortex " From Brodmann's Post-Mortem Map to in vivo Mapping with High-Field Magnetic Resonance Imaging. Frontiers in Human Neuroscience, 2011, 5, 19.	2.0	198
30	Apparent diffusion coefficients in benign and secondary progressive multiple sclerosis by nuclear magnetic resonance. Magnetic Resonance in Medicine, 1996, 36, 393-400.	3.0	176
31	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. NeuroImage, 2002, 15, 797-809.	4.2	171
32	A computational framework for ultra-high resolution cortical segmentation at 7Tesla. NeuroImage, 2014, 93, 201-209.	4.2	164
33	Cortico-subthalamic white matter tract strength predicts interindividual efficacy in stopping a motor response. NeuroImage, 2012, 60, 370-375.	4.2	160
34	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
35	Cortical lamina-dependent blood volume changes in human brain at 7 T. NeuroImage, 2015, 107, 23-33.	4.2	152
36	Diffusion imaging in humans at 7T using readout-segmented EPI and GRAPPA. Magnetic Resonance in Medicine, 2010, 64, 9-14.	3.0	151

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37	Echo-planar imaging of diffusion and perfusion. <i>Magnetic Resonance in Medicine</i> , 1991, 19, 247-253.	3.0	139
38	Brain changes after learning to read and play music. <i>NeuroImage</i> , 2003, 20, 71-83.	4.2	133
39	Echo-Planar Imaging. , 1998, , .		128
40	Rhythm in disguise: why singing may not hold the key to recovery from aphasia. <i>Brain</i> , 2011, 134, 3083-3093.	7.6	126
41	k-space and q-space: Combining ultra-high spatial and angular resolution in diffusion imaging using ZOOPPA at 7T. <i>NeuroImage</i> , 2012, 60, 967-978.	4.2	122
42	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
43	Layer-Specific Intracortical Connectivity Revealed with Diffusion MRI. <i>Cerebral Cortex</i> , 2014, 24, 328-339.	2.9	116
44	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
45	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
46	Critical comments on dynamic causal modelling. <i>NeuroImage</i> , 2012, 59, 2322-2329.	4.2	107
47	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
48	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
49	An anterior-posterior gradient of cognitive control within the dorsomedial striatum. <i>NeuroImage</i> , 2012, 62, 41-47.	4.2	99
50	Advanced MRI techniques to improve our understanding of experience-induced neuroplasticity. <i>NeuroImage</i> , 2016, 131, 55-72.	4.2	99
51	Diffusion tensor imaging segments the human amygdala in vivo. <i>NeuroImage</i> , 2010, 49, 2958-2965.	4.2	98
52	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
53	A subject-specific framework for in vivo myeloarchitectonic analysis using high resolution quantitative MRI. <i>NeuroImage</i> , 2016, 125, 94-107.	4.2	93
54	Hemispheric specialization for English and ASL. <i>NeuroReport</i> , 1998, 9, 1537-1542.	1.2	91

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55	An embedded optical tracking system for motion-corrected magnetic resonance imaging at 7T. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2012, 25, 443-453.	2.0	91
56	Direct visualization of the subthalamic nucleus and its iron distribution using high-resolution susceptibility mapping. <i>Human Brain Mapping</i> , 2012, 33, 2831-2842.	3.6	91
57	Echo Time Dependence of BOLD Contrast and Susceptibility Artifacts. <i>NeuroImage</i> , 2002, 15, 136-142.	4.2	89
58	Isotropic submillimeter fMRI in the human brain at 7 T: Combining reduced field-of-view imaging and partially parallel acquisitions. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1506-1516.	3.0	89
59	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
60	Real diffusion-weighted MRI enabling true signal averaging and increased diffusion contrast. <i>NeuroImage</i> , 2015, 122, 373-384.	4.2	88
61	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
62	Echo-planar imaging with asymmetric gradient modulation and inner-volume excitation. <i>Magnetic Resonance in Medicine</i> , 1990, 13, 162-169.	3.0	82
63	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
64	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
65	A Model for Quantification of Perfusion in Pulsed Labelling Techniques. <i>NMR in Biomedicine</i> , 1996, 9, 79-83.	2.8	78
66	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
67	Perception of Words and Pitch Patterns in Song and Speech. <i>Frontiers in Psychology</i> , 2012, 3, 76.	2.1	71
68	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
69	Multi-contrast multi-scale surface registration for improved alignment of cortical areas. <i>NeuroImage</i> , 2015, 111, 107-122.	4.2	70
70	Intravoxel incoherent motion imaging using spin echoes. <i>Magnetic Resonance in Medicine</i> , 1991, 19, 221-227.	3.0	67
71	Speech and song: The role of the cerebellum. <i>Cerebellum</i> , 2007, 6, 321-327.	2.5	66
72	Optimizing T1-weighted imaging of cortical myelin content at 3.0T. <i>NeuroImage</i> , 2013, 65, 1-12.	4.2	63

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73	High-resolution MRI and diffusion-weighted imaging of the human habenula at 7 tesla. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 1018-1026.	3.4	62
74	Parcellation of human amygdala in vivo using ultra high field structural MRI. <i>NeuroImage</i> , 2011, 58, 741-748.	4.2	61
75	Deficient approaches to human neuroimaging. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 462.	2.0	59
76	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
77	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
78	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
79	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
80	Single-shot diffusion imaging at 2.0 tesla. <i>Journal of Magnetic Resonance</i> , 1990, 86, 445-452.	0.5	54
81	High-resolution 7T fMRI of Human Hippocampal Subfields during Associative Learning. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 1194-1206.	2.3	54
82	High-resolution fast spin echo imaging of the human brain at 4.7 T: Implementation and sequence characteristics. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 1254-1264.	3.0	53
83	A gradual increase of iron toward the medial-inferior tip of the subthalamic nucleus. <i>Human Brain Mapping</i> , 2014, 35, 4440-4449.	3.6	52
84	Are there three subdivisions in the primate subthalamic nucleus?. <i>Frontiers in Neuroanatomy</i> , 2012, 6, 14.	1.7	50
85	Multi-modal ultra-high resolution structural 7-Tesla MRI data repository. <i>Scientific Data</i> , 2014, 1, 140050.	5.3	50
86	Techniques for imaging neuroscience. <i>British Medical Bulletin</i> , 2003, 65, 3-20.	6.9	47
87	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
88	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
89	Optimised in vivo visualisation of cortical structures in the human brain at 3 T using IR-TSE. <i>Magnetic Resonance Imaging</i> , 2008, 26, 935-942.	1.8	43
90	Comparing Like with Like: The Power of Knowing Where You Are. <i>Brain Connectivity</i> , 2014, 4, 547-557.	1.7	41

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91	Slice accelerated diffusion-weighted imaging at ultra-high field strength. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 1518-1525.	3.0	41
92	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
93	The MR detection of neuronal depolarization during 3-Hz spike-and-wave complexes in generalized epilepsy. <i>Magnetic Resonance Imaging</i> , 2004, 22, 1441-1444.	1.8	40
94	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
95	Simultaneous Measurement of $\hat{\rho}R_2$ and $\hat{\rho}R_2^*$ in Cat Brain during Hypoxia and Hypercapnia. <i>NeuroImage</i> , 1997, 6, 191-200.	4.2	38
96	Structural studies of the hypothalamus and its nuclei in mood disorders. <i>Psychiatry Research - Neuroimaging</i> , 2012, 201, 1-9.	1.8	38
97	Cerebral Blood Volume Changes during Brain Activation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 1618-1631.	4.3	37
98	Myelin and Modeling: Bootstrapping Cortical Microcircuits. <i>Frontiers in Neural Circuits</i> , 2019, 13, 34.	2.8	37
99	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
100	The need for systematic ethnopsychology: The ontological status of mentalistic terminology. <i>Anthropological Theory</i> , 2012, 12, 29-42.	2.2	36
101	Slice accelerated gradient-echo spin-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
102	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
103	3D MDEFT imaging of the human brain at 4.7 T with reduced sensitivity to radiofrequency inhomogeneity. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 1452-1458.	3.0	33
104	The subthalamic nucleus during decision-making with multiple alternatives. <i>Human Brain Mapping</i> , 2015, 36, 4041-4052.	3.6	31
105	Lateral geniculate activations can be detected using intersubject averaging and fMRI. <i>Magnetic Resonance in Medicine</i> , 1997, 38, 691-694.	3.0	30
106	Blood Oxygenation Level Dependent Signal Time Courses During Prolonged Visual Stimulation. <i>Magnetic Resonance Imaging</i> , 1998, 16, 1-11.	1.8	30
107	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
108	Ultrahigh field systems and applications at 7 T and beyond: Progress, pitfalls, and potential. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 317-321.	3.0	29

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109	Magnetic resonance imaging of brain function. <i>Annals of Neurology</i> , 1994, 35, 637-638.	5.3	26
110	Signal Sources in Bold Contrast FMRI. <i>Advances in Experimental Medicine and Biology</i> , 1997, 413, 19-25.	1.6	26
111	The brain in culture and culture in the brain: a review of core issues in neuroanthropology. <i>Progress in Brain Research</i> , 2009, 178, 43-64.	1.4	25
112	Image restoration and spatial resolution in 7T magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 15-22.	3.0	25
113	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
114	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
115	Becoming a Pianist. <i>Annals of the New York Academy of Sciences</i> , 2003, 999, 204-208.	3.8	24
116	Improving whole brain structural MRI at 4.7 Tesla using 4 irregularly shaped receiver coils. <i>NeuroImage</i> , 2006, 32, 1176-1184.	4.2	23
117	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
118	Sensory information processing may be neuroenergetically more demanding in migraine patients. <i>NeuroReport</i> , 2013, 24, 202-205.	1.2	23
119	Prioritizing spatial accuracy in high-resolution fMRI data using multivariate feature weight mapping. <i>Frontiers in Neuroscience</i> , 2014, 8, 66.	2.8	22
120	Functional cerebral blood volume mapping with simultaneous multi-slice acquisition. <i>NeuroImage</i> , 2016, 125, 1159-1168.	4.2	22
121	Functional mapping of the human brain with magnetic resonance imaging. <i>Seminars in Neuroscience</i> , 1995, 7, 179-194.	2.2	21
122	BOLD correlates of EMG spectral density in cortical myoclonus: Description of method and case report. <i>NeuroImage</i> , 2006, 32, 558-565.	4.2	21
123	Learning partially directed functional networks from meta-analysis imaging data. <i>NeuroImage</i> , 2010, 49, 1372-1384.	4.2	21
124	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
125	Angiography and perfusion measurements by NMR. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 1991, 23, 93-133.	7.5	20
126	Analysis of RF transmit performance for a 7T dual row multichannel MRI loop array. , 2011, 2011, 547-53.		20

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127	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
128	“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
129	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
130	Effects of air susceptibility on proton resonance frequency MR thermometry. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2012, 25, 41-47.	2.0	17
131	Temperature dependence of water diffusion pools in brain white matter. <i>NeuroImage</i> , 2016, 127, 135-143.	4.2	17
132	Open Science CBS Neuroimaging Repository: Sharing ultra-high-field MR images of the brain. <i>NeuroImage</i> , 2016, 124, 1143-1148.	4.2	17
133	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
134	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
135	Uncertainty and expectancy deviations require cortico-subcortical cooperation. <i>NeuroImage</i> , 2017, 144, 23-34.	4.2	13
136	Twist walls in nematic liquid crystals. <i>Philosophical Magazine and Journal</i> , 1974, 30, 13-20.	1.7	12
137	Anatomical brain imaging at 7T using two-dimensional GRASE. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1291-1301.	3.0	12
138	Dorsomedial striatum involvement in regulating conflict between current and presumed outcomes. <i>NeuroImage</i> , 2014, 98, 159-167.	4.2	12
139	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
140	Culture and the Human Brain. <i>Anthropology and Humanism Quarterly</i> , 2001, 26, 167-172.	0.2	11
141	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
142	Validating layer-specific VASO across species. <i>NeuroImage</i> , 2021, 237, 118195.	4.2	11
143	3D DT-MRI using a reduced-FOV approach and saturation pulses. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 853-857.	3.0	10
144	Quantitative T1 mapping using multi-slice multi-shot inversion recovery EPI. <i>NeuroImage</i> , 2021, 234, 117976.	4.2	10

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145	Optimization of a near-field array. , 2012, , .		9
146	Response to commentaries on our paper: Critical comments on dynamic causal modelling. NeuroImage, 2013, 75, 279-281.	4.2	9
147	Using carbogen for calibrated fMRI at 7Tesla: Comparison of direct and modelled estimation of the M parameter. NeuroImage, 2014, 84, 605-614.	4.2	9
148	Simultaneous acquisition of cerebral blood volumeâ€¦, blood flowâ€¦, and blood oxygenationâ€¦weighted <scp>MRI</scp> signals at ultraâ€¦high magnetic field. Magnetic Resonance in Medicine, 2015, 74, 513-517.	3.0	9
149	Measuring temperature using MRI: a powerful and versatile technique. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2012, 25, 1-3.	2.0	8
150	Engineering of 7T transmit multi-row arrays. , 2012, 2012, 1089-92.		7
151	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
152	<i>In vivo</i> MRI analysis of depthâ€¦dependent ultrastructure in human knee cartilage at 7â€¦T. NMR in Biomedicine, 2013, 26, 1412-1419.	2.8	7
153	Selective averaging for the diffusion tensor measurement. Magnetic Resonance Imaging, 2005, 23, 585-590.	1.8	6
154	Sulcal Segmentation for Cortical Thickness Measurements. Lecture Notes in Computer Science, 2002, , 443-450.	1.3	6
155	Neuroscientific Applications of High-Field MRI in Humans. Medical Radiology, 2012, , 137-149.	0.1	5
156	Magnetic resonance imaging methods for study of human brain function and their application at high magnetic field. Computerized Medical Imaging and Graphics, 1996, 20, 467-481.	5.8	4
157	The NIH experience in first advancing fMRI. NeuroImage, 2012, 62, 632-636.	4.2	4
158	MRI Methods for In-Vivo Cortical Parcellation. , 2013, , 197-220.		4
159	Numerical computation of the director field in a twist wall. Philosophical Magazine and Journal, 1975, 31, 719-722.	1.7	3
160	How to see the mind. Physics World, 1994, 7, 29-33.	0.0	3
161	Exploring functional relations between brain regions from fMRI meta-analysis data: Comments on Ramsey, Spirtes, and Glymour. NeuroImage, 2011, 57, 331-333.	4.2	3
162	Where Matters: New Approaches to Brain Analysis. , 2013, , 179-196.		3

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163	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
164	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
165	Finding likeness: Neural plasticity and ritual experience. <i>Anthropology Today</i> , 2019, 35, 3-6.	0.5	2
166	Diffusion-Weighted Magnetic Resonance Imaging. , 1997, , 179-211.		2
167	Ritual: Meaningful or meaningless?. <i>Behavioral and Brain Sciences</i> , 2006, 29, 633-633.	0.7	1
168	Comprehensive analysis of transmit performance for an 8-element loop MRI RF transceiver coil at 300 MHz. , 2012, , .		1
169	New Concepts in Brain Networks. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 56.	2.5	1
170	Optimization of geometry for a dual-row MRI array at 400 MHz. , 2013, , .		1
171	RF transmit robustness of dual-row MRI array at 300 MHz. , 2013, , .		1
172	Influence of dual-row loop array geometry on near field transmit properties at 300 MHz. , 2013, , .		1
173	Imaging the developing brain. <i>International Journal of Developmental Neuroscience</i> , 2014, 32, 1-2.	1.6	1
174	Are fMRI realignment parameters contaminated by task-induced activation?. <i>NeuroImage</i> , 2001, 13, 24.	4.2	0
175	Commentary on "Freud's Theory of Mind and Functional Imaging Experiments". <i>Neuropsychanalysis</i> , 2004, 6, 153-155.	0.7	0
176	Colwyn Trevarthen: Mentor and friend. <i>Arts in Psychotherapy</i> , 2019, 65, 101590.	1.2	0
177	BOLD Contrast fMRI as a Tool for Imaging Neuroscience. , 2007, , 297-312.		0