

Douglas C Noll

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156
papers

21,600
citations

62
h-index

146
g-index

164
ext. papers

23,188
ext. citations

6.3
avg, IF

6.32
L-index

#	Paper	IF	Citations
156	Improved assessment of significant activation in functional magnetic resonance imaging (fMRI): use of a cluster-size threshold. <i>Magnetic Resonance in Medicine</i> , 1995 , 33, 636-47	4.4	2826
155	Anterior cingulate cortex, error detection, and the online monitoring of performance. <i>Science</i> , 1998 , 280, 747-9	33.3	2714
154	Temporal dynamics of brain activation during a working memory task. <i>Nature</i> , 1997 , 386, 604-8	50.4	1653
153	A parametric study of prefrontal cortex involvement in human working memory. <i>NeuroImage</i> , 1997 , 5, 49-62	7.9	1393
152	A Developmental Functional MRI Study of Prefrontal Activation during Performance of a Go-No-Go Task. <i>Journal of Cognitive Neuroscience</i> , 1997 , 9, 835-47	3.1	857
151	Parsing executive processes: strategic vs. evaluative functions of the anterior cingulate cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 1944-8	11.5	805
150	Dissociating working memory from task difficulty in human prefrontal cortex. <i>Neuropsychologia</i> , 1997 , 35, 1373-80	3.2	510
149	Relation of prefrontal cortex dysfunction to working memory and symptoms in schizophrenia. <i>American Journal of Psychiatry</i> , 2001 , 158, 1105-13	11.9	509
148	Selective deficits in prefrontal cortex function in medication-naive patients with schizophrenia. <i>Archives of General Psychiatry</i> , 2001 , 58, 280-8		492
147	Homodyne detection in magnetic resonance imaging. <i>IEEE Transactions on Medical Imaging</i> , 1991 , 10, 154-63	11.7	419
146	Activation of the prefrontal cortex in a nonspatial working memory task with functional MRI. <i>Human Brain Mapping</i> , 1994 , 1, 293-304	5.9	385
145	Brain mediators of cardiovascular responses to social threat: part I: Reciprocal dorsal and ventral sub-regions of the medial prefrontal cortex and heart-rate reactivity. <i>NeuroImage</i> , 2009 , 47, 821-35	7.9	324
144	Working memory for letters, shapes, and locations: fMRI evidence against stimulus-based regional organization in human prefrontal cortex. <i>NeuroImage</i> , 2000 , 11, 424-46	7.9	307
143	Activation of prefrontal cortex in children during a nonspatial working memory task with functional MRI. <i>NeuroImage</i> , 1995 , 2, 221-9	7.9	291
142	Fast, iterative image reconstruction for MRI in the presence of field inhomogeneities. <i>IEEE Transactions on Medical Imaging</i> , 2003 , 22, 178-88	11.7	267
141	Nonlinear aspects of the BOLD response in functional MRI. <i>NeuroImage</i> , 1998 , 7, 108-18	7.9	262
140	A developmental functional MRI study of spatial working memory. <i>NeuroImage</i> , 1999 , 10, 327-38	7.9	256

139	Spatial domain method for the design of RF pulses in multicoil parallel excitation. <i>Magnetic Resonance in Medicine</i> , 2006 , 56, 620-9	4.4	241
138	Anterior cingulate and the monitoring of response conflict: evidence from an fMRI study of overt verb generation. <i>Journal of Cognitive Neuroscience</i> , 2000 , 12, 298-309	3.1	239
137	Prefrontal cortex dysfunction mediates deficits in working memory and prepotent responding in schizophrenia. <i>Biological Psychiatry</i> , 2003 , 53, 25-38	7.9	234
136	Spiral K-space MR imaging of cortical activation. <i>Journal of Magnetic Resonance Imaging</i> , 1995 , 5, 49-56	5.6	219
135	A homogeneity correction method for magnetic resonance imaging with time-varying gradients. <i>IEEE Transactions on Medical Imaging</i> , 1991 , 10, 629-37	11.7	203
134	Cerebellar hemispheric activation ipsilateral to the paretic hand correlates with functional recovery after stroke. <i>Brain</i> , 2002 , 125, 1544-57	11.2	186
133	Reproducibility of fMRI results across four institutions using a spatial working memory task. <i>NeuroImage</i> , 1998 , 8, 249-61	7.9	184
132	Deblurring for non-2D Fourier transform magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 1992 , 25, 319-33	4.4	184
131	Functional topographic mapping of the cortical ribbon in human vision with conventional MRI scanners. <i>Nature</i> , 1993 , 365, 150-3	50.4	170
130	Lateralization of motor circuits and handedness during finger movements. <i>European Journal of Neurology</i> , 2001 , 8, 425-34	6	167
129	Activation of the medial prefrontal cortex and extended amygdala by individual ratings of emotional arousal: a fMRI study. <i>Biological Psychiatry</i> , 2003 , 53, 211-5	7.9	166
128	Feedforward and feedback processes in motor control. <i>NeuroImage</i> , 2004 , 22, 1775-83	7.9	163
127	Overt verbal responding during fMRI scanning: empirical investigations of problems and potential solutions. <i>NeuroImage</i> , 1999 , 10, 642-57	7.9	162
126	Frontal and limbic activation during inhibitory control predicts treatment response in major depressive disorder. <i>Biological Psychiatry</i> , 2007 , 62, 1272-80	7.9	155
125	Somatotopy in human primary motor and somatosensory hand representations revisited. <i>Cerebral Cortex</i> , 2001 , 11, 312-21	5.1	152
124	Three-dimensional tailored RF pulses for the reduction of susceptibility artifacts in T*(*)2-weighted functional MRI. <i>Magnetic Resonance in Medicine</i> , 2000 , 44, 525-31	4.4	144
123	Fast-kz three-dimensional tailored radiofrequency pulse for reduced B1 inhomogeneity. <i>Magnetic Resonance in Medicine</i> , 2006 , 55, 719-24	4.4	142
122	What is a representative brain? Neuroscience meets population science. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 17615-22	11.5	131

121	Sensitivity of prefrontal cortex to changes in target probability: a functional MRI study. <i>Human Brain Mapping</i> , 2001 , 13, 26-33	5.9	127
120	Improved image registration by using Fourier interpolation. <i>Magnetic Resonance in Medicine</i> , 1996 , 36, 923-31	4.4	118
119	Working memory for complex scenes: age differences in frontal and hippocampal activations. <i>Journal of Cognitive Neuroscience</i> , 2003 , 15, 1122-34	3.1	115
118	Prechemotherapy alterations in brain function in women with breast cancer. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2010 , 32, 324-31	2.1	114
117	Tracking of cyclic motion with phase-contrast cine MR velocity data. <i>Journal of Magnetic Resonance Imaging</i> , 1995 , 5, 339-45	5.6	105
116	Estimating test-retest reliability in functional MR imaging. I: Statistical methodology. <i>Magnetic Resonance in Medicine</i> , 1997 , 38, 497-507	4.4	104
115	Bilateral basal ganglia activation associated with sensorimotor adaptation. <i>Experimental Brain Research</i> , 2006 , 175, 544-55	2.3	104
114	Estimating test-retest reliability in functional MR imaging. II: Application to motor and cognitive activation studies. <i>Magnetic Resonance in Medicine</i> , 1997 , 38, 508-17	4.4	101
113	The neural correlates of trait resilience when anticipating and recovering from threat. <i>Social Cognitive and Affective Neuroscience</i> , 2008 , 3, 322-32	4	93
112	Reduction of transmitter B1 inhomogeneity with transmit SENSE slice-select pulses. <i>Magnetic Resonance in Medicine</i> , 2007 , 57, 842-7	4.4	90
111	Accounting for nonlinear BOLD effects in fMRI: parameter estimates and a model for prediction in rapid event-related studies. <i>NeuroImage</i> , 2005 , 25, 206-18	7.9	87
110	. <i>IEEE Transactions on Signal Processing</i> , 2005 , 53, 3393-3402	4.8	87
109	Different neural circuits subserve reading before and after therapy for acquired dyslexia. <i>Brain and Language</i> , 1998 , 62, 298-308	2.9	86
108	Regularized field map estimation in MRI. <i>IEEE Transactions on Medical Imaging</i> , 2008 , 27, 1484-94	11.7	85
107	Neuroanatomical correlates of motor acquisition and motor transfer. <i>Journal of Neurophysiology</i> , 2008 , 99, 1836-45	3.2	85
106	Multishot rosette trajectories for spectrally selective MR imaging. <i>IEEE Transactions on Medical Imaging</i> , 1997 , 16, 372-7	11.7	84
105	T(2)(*) dependence of low frequency functional connectivity. <i>NeuroImage</i> , 2002 , 16, 985-92	7.9	81
104	Neural correlates associated with intermanual transfer of sensorimotor adaptation. <i>Brain Research</i> , 2007 , 1185, 136-51	3.7	78

103	Small tip angle three-dimensional tailored radiofrequency slab-select pulse for reduced B1 inhomogeneity at 3 T. <i>Magnetic Resonance in Medicine</i> , 2005 , 53, 479-84	4.4	77
102	The anatomy of auditory word processing: individual variability. <i>Brain and Language</i> , 2001 , 77, 119-31	2.9	74
101	Separate magnitude and phase regularization via compressed sensing. <i>IEEE Transactions on Medical Imaging</i> , 2012 , 31, 1713-23	11.7	73
100	Dynamic field map estimation using a spiral-in/spiral-out acquisition. <i>Magnetic Resonance in Medicine</i> , 2004 , 51, 1194-204	4.4	72
99	Cortical plasticity during three-week motor skill learning. <i>Journal of Clinical Neurophysiology</i> , 2004 , 21, 180-91	2.2	69
98	Detecting low-frequency functional connectivity in fMRI using a self-organizing map (SOM) algorithm. <i>Human Brain Mapping</i> , 2003 , 20, 220-6	5.9	68
97	Conjugate phase MRI reconstruction with spatially variant sample density correction. <i>IEEE Transactions on Medical Imaging</i> , 2005 , 24, 325-36	11.7	66
96	Iterative RF pulse design for multidimensional, small-tip-angle selective excitation. <i>Magnetic Resonance in Medicine</i> , 2005 , 54, 908-17	4.4	66
95	MR imaging of lung parenchyma: a solution to susceptibility. <i>Radiology</i> , 1992 , 183, 673-6	20.5	63
94	Pretreatment worry and neurocognitive responses in women with breast cancer. <i>Health Psychology</i> , 2014 , 33, 222-31	5	57
93	B0 field inhomogeneity considerations in pseudo-continuous arterial spin labeling (pCASL): effects on tagging efficiency and correction strategy. <i>NMR in Biomedicine</i> , 2011 , 24, 1202-9	4.4	55
92	Working memory for order and the parietal cortex: an event-related functional magnetic resonance imaging study. <i>Neuroscience</i> , 2006 , 139, 311-6	3.9	55
91	Fast large-tip-angle multidimensional and parallel RF pulse design in MRI. <i>IEEE Transactions on Medical Imaging</i> , 2009 , 28, 1548-59	11.7	54
90	Advanced three-dimensional tailored RF pulse for signal recovery in T2*-weighted functional magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2006 , 56, 1050-9	4.4	53
89	Consistent projection reconstruction (CPR) techniques for MRI. <i>Magnetic Resonance in Medicine</i> , 1993 , 29, 345-51	4.4	52
88	Multishot 3D slice-select tailored RF pulses for MRI. <i>Magnetic Resonance in Medicine</i> , 2002 , 48, 157-65	4.4	49
87	Comparison of functional magnetic resonance imaging with positron emission tomography and magnetoencephalography to identify the motor cortex in a patient with an arteriovenous malformation. <i>Journal of Image Guided Surgery</i> , 1995 , 1, 191-7		49
86	Functional lateralization of the human premotor cortex during sequential movements. <i>Brain and Cognition</i> , 2002 , 49, 54-62	2.7	44

85	Vascular dynamics and BOLD fMRI: CBF level effects and analysis considerations. <i>NeuroImage</i> , 2006 , 32, 1642-55	7.9	43
84	Impact of chronic hypercortisolemia on affective processing. <i>Neuropharmacology</i> , 2012 , 62, 217-25	5.5	41
83	A regularized, model-based approach to phase-based conductivity mapping using MRI. <i>Magnetic Resonance in Medicine</i> , 2017 , 78, 2011-2021	4.4	39
82	Localizing the lexicon for reading aloud: replication of a PET study using fMRI. <i>NeuroReport</i> , 1996 , 7, 961-5	7.7	39
81	Functional MRI using steady-state arterial water labeling. <i>Magnetic Resonance in Medicine</i> , 1998 , 39, 179-83	7.4	38
80	Additive angle method for fast large-tip-angle RF pulse design in parallel excitation. <i>Magnetic Resonance in Medicine</i> , 2008 , 59, 779-87	4.4	36
79	Functional magnetic resonance imaging: Overview and methods for psychological research. <i>Behavior Research Methods</i> , 1993 , 25, 101-113		36
78	Functional MRI mapping of stimulus rate effects across visual processing stages. <i>Human Brain Mapping</i> , 1994 , 1, 117-133	5.9	35
77	A direct comparison between whole-brain PET and BOLD fMRI measurements of single-subject activation response. <i>NeuroImage</i> , 1999 , 9, 430-8	7.9	33
76	Monitoring attentional state with fNIRS. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 861	3.3	31
75	Simultaneous multislice acquisition using rosette trajectories (SMART): a new imaging method for functional MRI. <i>Magnetic Resonance in Medicine</i> , 1998 , 39, 709-16	4.4	30
74	Fast, pseudo-continuous arterial spin labeling for functional imaging using a two-coil system. <i>Magnetic Resonance in Medicine</i> , 2004 , 51, 577-85	4.4	30
73	Estimation of perfusion properties with MR Fingerprinting Arterial Spin Labeling. <i>Magnetic Resonance Imaging</i> , 2018 , 50, 68-77	3.3	28
72	Online Analysis of Functional MRI Datasets on Parallel Platforms. <i>Journal of Supercomputing</i> , 1997 , 11, 295-318	2.5	28
71	A spectral approach to analyzing slice selection in planar imaging: optimization for through-plane interpolation. <i>Magnetic Resonance in Medicine</i> , 1997 , 38, 151-60	4.4	28
70	Temporal Sensitivity of Event-Related fMRI. <i>NeuroImage</i> , 2002 , 17, 1018-1026	7.9	28
69	Shifted inferior frontal laterality in women with major depressive disorder is related to emotion-processing deficits. <i>Psychological Medicine</i> , 2013 , 43, 1433-45	6.9	27
68	Suppression of vascular artifacts in functional magnetic resonance images using MR angiograms. <i>NeuroImage</i> , 1998 , 7, 224-31	7.9	27

67	Fast joint reconstruction of dynamic R2* and field maps in functional MRI. <i>IEEE Transactions on Medical Imaging</i> , 2008 , 27, 1177-88	11.7	27
66	Magnetic resonance compatibility of multichannel silicon microelectrode systems for neural recording and stimulation: design criteria, tests, and recommendations. <i>IEEE Transactions on Biomedical Engineering</i> , 2006 , 53, 547-58	5	26
65	Quantification of perfusion fMRI using a numerical model of arterial spin labeling that accounts for dynamic transit time effects. <i>Magnetic Resonance in Medicine</i> , 2005 , 54, 955-64	4.4	24
64	An approach for computer-aided detection of brain metastases in post-Gd T1-W MRI. <i>Magnetic Resonance Imaging</i> , 2012 , 30, 824-36	3.3	23
63	Joint design of trajectory and RF pulses for parallel excitation. <i>Magnetic Resonance in Medicine</i> , 2007 , 58, 598-604	4.4	23
62	Comorbid anxiety increases cognitive control activation in Major Depressive Disorder. <i>Depression and Anxiety</i> , 2016 , 33, 967-977	8.4	23
61	Symbolic representations in motor sequence learning. <i>NeuroImage</i> , 2011 , 54, 417-26	7.9	22
60	Evaluation of respiratory artifact correction techniques in multishot spiral functional MRI using receiver operator characteristic analyses. <i>Magnetic Resonance in Medicine</i> , 1998 , 40, 633-9	4.4	20
59	Spectral-spatial pulse design for through-plane phase precompensatory slice selection in T2*-weighted functional MRI. <i>Magnetic Resonance in Medicine</i> , 2009 , 61, 1137-47	4.4	19
58	Age differences in symbolic representations of motor sequence learning. <i>Neuroscience Letters</i> , 2011 , 504, 68-72	3.3	18
57	Partial Fourier reconstruction for three-dimensional gradient echo functional MRI: comparison of phase correction methods. <i>Magnetic Resonance in Medicine</i> , 1998 , 40, 481-90	4.4	18
56	Magnetic field perturbation of neural recording and stimulating microelectrodes. <i>Physics in Medicine and Biology</i> , 2007 , 52, 2073-88	3.8	18
55	Variable-density spiral 3D tailored RF pulses. <i>Magnetic Resonance in Medicine</i> , 2003 , 50, 1100-6	4.4	18
54	A modified electrode cap for EEG recordings in MRI scanners. <i>Clinical Neurophysiology</i> , 1999 , 110, 2189-93	4.3	18
53	Across-vendor standardization of semi-LASER for single-voxel MRS at 3T. <i>NMR in Biomedicine</i> , 2021 , 34, e4218	4.4	16
52	Fast joint design method for parallel excitation radiofrequency pulse and gradient waveforms considering off-resonance. <i>Magnetic Resonance in Medicine</i> , 2012 , 68, 278-85	4.4	15
51	3D spiral cardiac/respiratory ordered fMRI data acquisition at 3 Tesla. <i>Magnetic Resonance in Medicine</i> , 1999 , 41, 983-91	4.4	15
50	Preoperative cortical localization with functional MRI for use in stereotactic radiosurgery. <i>Stereotactic and Functional Neurosurgery</i> , 1996 , 66, 24-9	1.6	15

49	Methodologic considerations for spiral k-space functional MRI. <i>International Journal of Imaging Systems and Technology</i> , 1995 , 6, 175-183	2.5	15
48	Temporal sensitivity of event-related fMRI. <i>NeuroImage</i> , 2002 , 17, 1018-26	7.9	14
47	Data acquisition and postprocessing strategies for fast quantitative sodium imaging. <i>International Journal of Imaging Systems and Technology</i> , 1997 , 8, 544-550	2.5	13
46	Functional Imaging Analysis Software [Computational Olio 1996 , 39-49		13
45	Arterial cerebral blood volume-weighted functional MRI using pseudocontinuous arterial spin tagging (AVAST). <i>Magnetic Resonance in Medicine</i> , 2015 , 73, 1053-64	4.4	12
44	TOPPE: A framework for rapid prototyping of MR pulse sequences. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 3128-3134	4.4	11
43	A parametric model of the brain vascular system for estimation of the arterial input function (AIF) at the tissue level. <i>NMR in Biomedicine</i> , 2017 , 30, e3695	4.4	10
42	Functional imaging with Turbo-CASL: transit time and multislice imaging considerations. <i>Magnetic Resonance in Medicine</i> , 2007 , 57, 661-9	4.4	10
41	Decreased Fronto-Limbic Activation and Disrupted Semantic-Cued List Learning in Major Depressive Disorder. <i>Journal of the International Neuropsychological Society</i> , 2016 , 22, 412-25	3.1	9
40	Coil compression in simultaneous multislice functional MRI with concentric ring slice-GRAPPA and SENSE. <i>Magnetic Resonance in Medicine</i> , 2016 , 76, 1196-209	4.4	9
39	Small-tip fast recovery imaging using non-slice-selective tailored tip-up pulses and radiofrequency-spoiling. <i>Magnetic Resonance in Medicine</i> , 2013 , 69, 657-66	4.4	9
38	Steady-state functional MRI using spoiled small-tip fast recovery imaging. <i>Magnetic Resonance in Medicine</i> , 2015 , 73, 536-43	4.4	9
37	Support vector machine classification of complex fMRI data. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2009 , 2009, 5381-4	0.9	9
36	Improved sensitivity and temporal resolution in perfusion FMRI using velocity selective inversion ASL. <i>Magnetic Resonance in Medicine</i> , 2019 , 81, 1004-1015	4.4	9
35	Joint Design of Excitation k-Space Trajectory and RF Pulse for Small-Tip 3D Tailored Excitation in MRI. <i>IEEE Transactions on Medical Imaging</i> , 2016 , 35, 468-79	11.7	8
34	Apparent wall thickening of cystic renal lesions on MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2008 , 28, 103-10	5.6	8
33	Application of selective saturation to image the dynamics of arterial blood flow during brain activation using magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2006 , 55, 816-25	4.4	8
32	2007 ,		8

31	Dynamic filtering improves attentional state prediction with fNIRS. <i>Biomedical Optics Express</i> , 2016 , 7, 979-1002	3.5	8
30	An extended vascular model for less biased estimation of permeability parameters in DCE-T1 images. <i>NMR in Biomedicine</i> , 2017 , 30, e3698	4.4	7
29	A GRAPPA algorithm for arbitrary 2D/3D non-Cartesian sampling trajectories with rapid calibration. <i>Magnetic Resonance in Medicine</i> , 2019 , 82, 1101-1112	4.4	7
28	Strategies for improved 3D small-tip fast recovery imaging. <i>Magnetic Resonance in Medicine</i> , 2014 , 72, 389-98	4.4	7
27	Parallel data resampling and Fourier inversion by the scan-line method. <i>IEEE Transactions on Medical Imaging</i> , 1995 , 14, 454-63	11.7	6
26	Excitation UNFOLD (XUNFOLD) to improve the temporal resolution of multishot tailored RF pulses. <i>Magnetic Resonance in Medicine</i> , 2006 , 56, 692-7	4.4	5
25	Balanced SSFP-like steady-state imaging using small-tip fast recovery with a spectral prewinding pulse. <i>Magnetic Resonance in Medicine</i> , 2016 , 75, 839-44	4.4	5
24	Transcranial MR-Guided Histotripsy System. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2021 , 68, 2917-2929	3.2	5
23	An eight-channel T/R head coil for parallel transmit MRI at 3T using ultra-low output impedance amplifiers. <i>Journal of Magnetic Resonance</i> , 2014 , 246, 62-8	3	4
22	Simultaneous fat saturation and magnetization transfer contrast imaging with steady-state incoherent sequences. <i>Magnetic Resonance in Medicine</i> , 2015 , 74, 739-46	4.4	4
21	Regularized estimation of magnitude and phase of multi-coil b1 field via Bloch-Siegert B1 mapping and coil combination optimizations. <i>IEEE Transactions on Medical Imaging</i> , 2014 , 33, 2020-30	11.7	4
20	REGULARIZED B1+ MAP ESTIMATION IN MRI 2007 ,		4
19	High-Resolution Oscillating Steady-State fMRI Using Patch-Tensor Low-Rank Reconstruction. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 4357-4368	11.7	4
18	Fast Spatial Resolution Analysis of Quadratic Penalized Least-Squares Image Reconstruction With Separate Real and Imaginary Roughness Penalty: Application to fMRI. <i>IEEE Transactions on Medical Imaging</i> , 2018 , 37, 604-614	11.7	4
17	Four dimensional spectral-spatial fat saturation pulse design. <i>Magnetic Resonance in Medicine</i> , 2014 , 72, 1637-47	4.4	3
16	Magnetic resonance reconstruction from projections using half the data 1991 , 1443, 29		3
15	Temporal Sensitivity of Event-Related fMRI 2002 , 17, 1018-1018		3
14	Improved spoiling efficiency in dynamic RF-spoiled imaging by ghost phase modulation and temporal filtering. <i>Magnetic Resonance in Medicine</i> , 2016 , 75, 2388-93	4.4	3

13	Rapid inner-volume imaging in the steady-state with 3D selective excitation and small-tip fast recovery imaging. <i>Magnetic Resonance in Medicine</i> , 2016 , 76, 1217-23	4.4	2
12	Optimized linear combinations of channels for complex multiple-coil B1 field estimation with Bloch-Siegert B1 mapping in MRI 2013 ,		2
11	Variable-averaging RARE. <i>Magnetic Resonance in Medicine</i> , 1994 , 31, 323-7	4.4	2
10	Oscillating steady-state imaging (OSSI): A novel method for functional MRI. <i>Magnetic Resonance in Medicine</i> , 2020 , 84, 698-712	4.4	2
9	Prospective motion correction for functional MRI using sparsity and Kalman filtering 2013 ,		1
8	Multivariate Classification of Complex and Multi-echo fMRI Data 2013 ,		1
7	Comparison of Functional Magnetic Resonance Imaging with Positron Emission Tomography and Magnetoencephalography to Identify the Motor Cortex in a Patient with an Arteriovenous Malformation. <i>Computer Aided Surgery</i> , 1995 , 1, 191-197		1
6	Transcranial Magnetic Resonance-Guided Histotripsy for Brain Surgery: Pre-clinical Investigation. <i>Ultrasound in Medicine and Biology</i> , 2022 , 48, 98-110	3.5	1
5	Joint Design of RF and Gradient Waveforms via Auto-differentiation for 3D Tailored Excitation in MRI. <i>IEEE Transactions on Medical Imaging</i> , 2021 , 40, 3305-3314	11.7	1
4	A retrospective physiological noise correction method for oscillating steady-state imaging. <i>Magnetic Resonance in Medicine</i> , 2021 , 85, 936-944	4.4	0
3	Design of spectral-spatial phase prewinding pulses and their use in small-tip fast recovery steady-state imaging. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 1377-1386	4.4	
2	Contrast mechanisms and acquisition methods in functional MRI. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2004 , 2004, 5219-22		
1	Functional Magnetic Resonance Imaging 1996 , 299-330		