

Image-based method for retrospective correction of phase errors in MRI
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Citation Report

#	ARTICLE	IF	CITATIONS
2	Detection Power, Estimation Efficiency, and Predictability in Event-Related fMRI. <i>NeuroImage</i> , 2001, 13, 759-773.	2.1	251
3	Estimation of respiration-induced noise fluctuations from undersampled multislice fMRI data. <i>Magnetic Resonance in Medicine</i> , 2001, 45, 635-644.	1.9	84
4	IMPACT: Image-based physiological artifacts estimation and correction technique for functional MRI. <i>Magnetic Resonance in Medicine</i> , 2001, 46, 344-353.	1.9	66
5	Physiological noise in oxygenation-sensitive magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2001, 46, 631-637.	1.9	546
6	A comparative fMRI study: T2*-weighted imaging versus R2* mapping. <i>NMR in Biomedicine</i> , 2001, 14, 41-47.	1.6	12
7	A current perspective of the status of understanding BOLD imaging and its use in studying brain function: a summary of the workshop at the University of North Carolina in Chapel Hill, 26-28 October, 2000. <i>NMR in Biomedicine</i> , 2001, 14, 384-388.	1.6	6
8	Simulation of human respiration in fMRI with a mechanical model. <i>IEEE Transactions on Biomedical Engineering</i> , 2002, 49, 700-707.	2.5	48
9	Correction of physiologically induced global off-resonance effects in dynamic echo-planar and spiral functional imaging. <i>Magnetic Resonance in Medicine</i> , 2002, 47, 344-353.	1.9	212
10	Respiration-induced BOLD fluctuations and their spatial distribution in the human brain at 7 Tesla. <i>Magnetic Resonance in Medicine</i> , 2002, 47, 888-895.	1.9	225
11	Independent component analysis of fMRI data in the complex domain. <i>Magnetic Resonance in Medicine</i> , 2002, 48, 180-192.	1.9	127
12	High field human imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2003, 18, 519-529.	1.9	166
13	A PRESTO-SENSE sequence with alternating partial-Fourier encoding for rapid susceptibility-weighted 3D MRI time series. <i>Magnetic Resonance in Medicine</i> , 2003, 50, 830-838.	1.9	28
14	Correlations between cardiac data and fMRI data as a function of spatial frequency and time. , 0, , .		0
15	Very Slow Activity Fluctuations in Monkey Visual Cortex: Implications for Functional Brain Imaging. <i>Cerebral Cortex</i> , 2003, 13, 422-433.	1.6	594
16	Direct Comparison of Visual Cortex Activation in Human and Nonhuman Primates Using Functional Magnetic Resonance Imaging. <i>Methods in Enzymology</i> , 2004, 385, 102-134.	0.4	2
17	Self-regulation of local brain activity using real-time functional magnetic resonance imaging (fMRI). <i>Journal of Physiology (Paris)</i> , 2004, 98, 357-373.	2.1	226
18	Removal of phase artifacts from fMRI data using a Stockwell transform filter improves brain activity detection. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 16-21.	1.9	51
19	REVIEW: From nociception to pain perception: imaging the spinal and supraspinal pathways. <i>Journal of Anatomy</i> , 2005, 207, 19-33.	0.9	304

#	ARTICLE	IF	CITATIONS
20	Theoretical noise model for oxygenation-sensitive magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 1046-1054.	1.9	23
21	Generalized likelihood ratio tests for complex fMRI data: a Simulation study. <i>IEEE Transactions on Medical Imaging</i> , 2005, 24, 604-611.	5.4	11
22	Can Motion Artifacts be Completely Removed from fMRI-Activation Maps?. <i>Current Medical Imaging</i> , 2005, 1, 253-264.	0.4	3
23	fMRI of the Emotions: Towards an Improved Understanding of Amygdala Function. <i>Current Medical Imaging</i> , 2005, 1, 115-129.	0.4	14
24	Bayesian fMRI time series analysis with spatial priors. <i>NeuroImage</i> , 2005, 24, 350-362.	2.1	215
25	Single-shot compensation of image distortions and BOLD contrast optimization using multi-echo EPI for real-time fMRI. <i>NeuroImage</i> , 2005, 24, 1068-1079.	2.1	126
26	Comparison of physiological noise at 1.5 T, 3 T and 7 T and optimization of fMRI acquisition parameters. <i>NeuroImage</i> , 2005, 26, 243-250.	2.1	598
27	Study of temporal stationarity and spatial consistency of fMRI noise using independent component analysis. <i>IEEE Transactions on Medical Imaging</i> , 2005, 24, 712-718.	5.4	23
28	Brain Connectivity Related to Working Memory Performance. <i>Journal of Neuroscience</i> , 2006, 26, 13338-13343.	1.7	780
29	Analysis of speech-related variance in rapid event-related fMRI using a time-aware acquisition system. <i>NeuroImage</i> , 2006, 29, 1278-1293.	2.1	32
30	Non-white noise in fMRI: Does modelling have an impact?. <i>NeuroImage</i> , 2006, 29, 54-66.	2.1	370
31	Modelling cardiac signal as a confound in EEG-fMRI and its application in focal epilepsy studies. <i>NeuroImage</i> , 2006, 30, 827-834.	2.1	54
32	Physiological noise reduction for arterial spin labeling functional MRI. <i>NeuroImage</i> , 2006, 31, 1104-1115.	2.1	100
33	An fMRI study of the neural correlates of graded visual perception. <i>NeuroImage</i> , 2006, 31, 1711-1725.	2.1	63
34	Strategies for improving the detection of fMRI activation in trigeminal pathways with cardiac gating. <i>NeuroImage</i> , 2006, 31, 1506-1512.	2.1	27
35	Separating respiratory-variation-related fluctuations from neuronal-activity-related fluctuations in fMRI. <i>NeuroImage</i> , 2006, 31, 1536-1548.	2.1	1,257
36	Caffeine reduces the initial dip in the visual BOLD response at 3 T. <i>NeuroImage</i> , 2006, 32, 9-15.	2.1	49
37	Effect of spatial smoothing on physiological noise in high-resolution fMRI. <i>NeuroImage</i> , 2006, 32, 551-557.	2.1	125

#	ARTICLE	IF	CITATIONS
38	An adaptive filter for suppression of cardiac and respiratory noise in MRI time series data. <i>NeuroImage</i> , 2006, 33, 1072-1081.	2.1	92
39	The Lure of the Unknown. <i>Neuron</i> , 2006, 51, 280-282.	3.8	21
42	Multivariate analysis of fMRI data by oriented partial least squares. <i>Magnetic Resonance Imaging</i> , 2006, 24, 953-958.	1.0	6
43	Echo-shifted multislice EPI for high-speed fMRI. <i>Magnetic Resonance Imaging</i> , 2006, 24, 433-442.	1.0	12
44	A brief introduction to functional MRI. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2006, 25, 24-26.	1.1	41
45	Evaluating fMRI preprocessing pipelines. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2006, 25, 27-41.	1.1	125
46	fMRI neuroinformatics. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2006, 25, 112-119.	1.1	11
47	Partial-k-space acquisition method for improved SNR efficiency and temporal resolution in 3D fMRI. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 1106-1113.	1.9	14
48	Respiration-induced B0 field fluctuation compensation in balanced SSFP: Real-time approach for transition-band SSFP fMRI. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 1197-1201.	1.9	38
49	Improved echo volumar imaging (EVI) for functional MRI. <i>Magnetic Resonance in Medicine</i> , 2006, 56, 1320-1327.	1.9	36
50	Correction of Structured Noise in fMRI Using Spatial Independent Component Analysis: Corsica. , 0, , .		0
51	Signal Processing Aspects of Simultaneously Recorded EEG, Pulse and fMRI. , 0, , .		1
52	Functional Responses in the Human Spinal Cord during Willed Motor Actions: Evidence for Side- and Rate-Dependent Activity. <i>Journal of Neuroscience</i> , 2007, 27, 4182-4190.	1.7	87
53	A Feature-Selective Independent Component Analysis Method for Functional MRI. <i>International Journal of Biomedical Imaging</i> , 2007, 2007, 1-12.	3.0	13
54	Watching Your Foot Move--An fMRI Study of Visuomotor Interactions during Foot Movement. <i>Cerebral Cortex</i> , 2007, 17, 1906-1917.	1.6	35
55	Theoretical optimization of multi-echo fMRI data acquisition. <i>Physics in Medicine and Biology</i> , 2007, 52, 1801-1813.	1.6	58
56	'Brain activation and hypothalamic functional connectivity during human non-rapid eye movement sleep: an EEG/fMRI study'-its limitations and an alternative approach. <i>Brain</i> , 2007, 130, e75-e75.	3.7	69
57	Visual fMRI Responses in Human Superior Colliculus Show a Temporalâ€“Nasal Asymmetry That Is Absent in Lateral Geniculate and Visual Cortex. <i>Journal of Neurophysiology</i> , 2007, 97, 1495-1502.	0.9	65

#	ARTICLE	IF	CITATIONS
58	MR-Encephalography: Fast multi-channel monitoring of brain physiology with magnetic resonance. <i>NeuroImage</i> , 2007, 34, 212-219.	2.1	78
59	How long to scan? The relationship between fMRI temporal signal to noise ratio and necessary scan duration. <i>NeuroImage</i> , 2007, 34, 565-574.	2.1	359
60	Mapping the MRI voxel volume in which thermal noise matches physiological noise—Implications for fMRI. <i>NeuroImage</i> , 2007, 34, 542-549.	2.1	143
61	The hemodynamic response of the alpha rhythm: An EEG/fMRI study. <i>NeuroImage</i> , 2007, 35, 1142-1151.	2.1	209
62	An ARX model-based approach to trial by trial identification of fMRI-BOLD responses. <i>NeuroImage</i> , 2007, 37, 189-201.	2.1	24
63	A component based noise correction method (CompCor) for BOLD and perfusion based fMRI. <i>NeuroImage</i> , 2007, 37, 90-101.	2.1	3,466
64	Cerebral blood flow and BOLD responses to a memory encoding task: A comparison between healthy young and elderly adults. <i>NeuroImage</i> , 2007, 37, 430-439.	2.1	99
65	Model-free analysis of brain fMRI data by recurrence quantification. <i>NeuroImage</i> , 2007, 37, 489-503.	2.1	25
66	Isolating physiologic noise sources with independently determined spatial measures. <i>NeuroImage</i> , 2007, 37, 1286-1300.	2.1	150
67	Low-frequency fluctuations in the cardiac rate as a source of variance in the resting-state fMRI BOLD signal. <i>NeuroImage</i> , 2007, 38, 306-320.	2.1	508
68	Real-time shimming to compensate for respiration-induced B0 fluctuations. <i>Magnetic Resonance in Medicine</i> , 2007, 57, 362-368.	1.9	170
69	CORSICA: correction of structured noise in fMRI by automatic identification of ICA components. <i>Magnetic Resonance Imaging</i> , 2007, 25, 35-46.	1.0	185
70	Real-time functional magnetic resonance imaging: methods and applications. <i>Magnetic Resonance Imaging</i> , 2007, 25, 989-1003.	1.0	224
71	Assessing functional connectivity in the human brain by fMRI. <i>Magnetic Resonance Imaging</i> , 2007, 25, 1347-1357.	1.0	379
72	Amygdala activation at 3T in response to human and avatar facial expressions of emotions. <i>Journal of Neuroscience Methods</i> , 2007, 161, 126-133.	1.3	110
73	Spontaneous fluctuations in brain activity observed with functional magnetic resonance imaging. <i>Nature Reviews Neuroscience</i> , 2007, 8, 700-711.	4.9	5,936
74	Amygdala activation and facial expressions: Explicit emotion discrimination versus implicit emotion processing. <i>Neuropsychologia</i> , 2007, 45, 2369-2377.	0.7	171
75	BOLD functional MRI in disease and pharmacological studies: room for improvement?. <i>Magnetic Resonance Imaging</i> , 2007, 25, 978-988.	1.0	196

#	ARTICLE	IF	CITATIONS
76	The phase shift index for marking functional asynchrony in Alzheimer's disease patients using fMRI. <i>Magnetic Resonance Imaging</i> , 2008, 26, 379-392.	1.0	21
77	Physiological noise in MR images: An indicator of the tissue response to ischemia?. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 866-871.	1.9	18
78	Brainstem functional magnetic resonance imaging: Disentangling signal from physiological noise. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 1337-1344.	1.9	170
79	Reducing correlated noise in fMRI data. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 939-945.	1.9	28
80	A novel method for integrating MEG and BOLD fMRI signals with the linear convolution model in human primary somatosensory cortex. <i>Human Brain Mapping</i> , 2008, 29, 97-106.	1.9	14
81	Ranking and averaging independent component analysis by reproducibility (RAICAR). <i>Human Brain Mapping</i> , 2008, 29, 711-725.	1.9	85
82	Resting state sensorimotor functional connectivity in multiple sclerosis inversely correlates with transcallosal motor pathway transverse diffusivity. <i>Human Brain Mapping</i> , 2008, 29, 818-827.	1.9	162
83	The effect of respiration variations on independent component analysis results of resting state functional connectivity. <i>Human Brain Mapping</i> , 2008, 29, 740-750.	1.9	268
84	SNR and functional sensitivity of BOLD and perfusion-based fMRI using arterial spin labeling with spiral SENSE at 3 T. <i>Magnetic Resonance Imaging</i> , 2008, 26, 513-522.	1.0	27
85	Spontaneous low-frequency blood oxygenation level-dependent fluctuations and functional connectivity analysis of the "resting" brain. <i>Magnetic Resonance Imaging</i> , 2008, 26, 1055-1064.	1.0	188
86	A Data and Model-Driven Approach to Explore Inter-Subject Variability of Resting-State Brain Activity Using EEG-fMRI. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2008, 2, 944-953.	7.3	6
87	Facial emotion recognition and amygdala activation are associated with menstrual cycle phase. <i>Psychoneuroendocrinology</i> , 2008, 33, 1031-1040.	1.3	156
88	fMRI Brain-Computer Interfaces. <i>IEEE Signal Processing Magazine</i> , 2008, 25, 95-106.	4.6	89
89	Optimizing the Design and Analysis of Clinical Functional Magnetic Resonance Imaging Research Studies. <i>Biological Psychiatry</i> , 2008, 64, 842-849.	0.7	63
90	The Contribution of the Inferior Parietal Lobe to Auditory Spatial Working Memory. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 285-295.	1.1	82
91	Controlled inspiration depth reduces variance in breath-holding-induced BOLD signal. <i>NeuroImage</i> , 2008, 39, 206-214.	2.1	55
92	Physiological noise modelling for spinal functional magnetic resonance imaging studies. <i>NeuroImage</i> , 2008, 39, 680-692.	2.1	212
93	Hybrid two-dimensional navigator correction: A new technique to suppress respiratory-induced physiological noise in multi-shot echo-planar functional MRI. <i>NeuroImage</i> , 2008, 39, 1142-1150.	2.1	21

#	ARTICLE	IF	CITATIONS
94	Caffeine-induced uncoupling of cerebral blood flow and oxygen metabolism: A calibrated BOLD fMRI study. <i>NeuroImage</i> , 2008, 40, 237-247.	2.1	148
95	Recent advances in recording electrophysiological data simultaneously with magnetic resonance imaging. <i>NeuroImage</i> , 2008, 40, 515-528.	2.1	175
96	The respiration response function: The temporal dynamics of fMRI signal fluctuations related to changes in respiration. <i>NeuroImage</i> , 2008, 40, 644-654.	2.1	597
97	Trial-by-trial relationship between neural activity, oxygen consumption, and blood flow responses. <i>NeuroImage</i> , 2008, 40, 442-450.	2.1	48
98	Mapping resting-state functional connectivity using perfusion MRI. <i>NeuroImage</i> , 2008, 40, 1595-1605.	2.1	109
99	Calibrated fMRI in the medial temporal lobe during a memory-encoding task. <i>NeuroImage</i> , 2008, 40, 1495-1502.	2.1	32
100	Investigation of spatial resolution, partial volume effects and smoothing in functional MRI using artificial 3D time series. <i>NeuroImage</i> , 2008, 41, 346-353.	2.1	37
101	Integration of motion correction and physiological noise regression in fMRI. <i>NeuroImage</i> , 2008, 42, 582-590.	2.1	76
102	Cortical neuroplasticity in patients recovering from acute optic neuritis. <i>NeuroImage</i> , 2008, 42, 836-844.	2.1	14
103	Shift-invariant multilinear decomposition of neuroimaging data. <i>NeuroImage</i> , 2008, 42, 1439-1450.	2.1	81
104	Mapping and correction of vascular hemodynamic latency in the BOLD signal. <i>NeuroImage</i> , 2008, 43, 90-102.	2.1	119
105	Development and validation of retrospective spinal cord motion time-course estimates (RESPITE) for spin-echo spinal fMRI: Improved sensitivity and specificity by means of a motion-compensating general linear model analysis. <i>NeuroImage</i> , 2008, 44, 421-7.	2.1	33
106	Respiratory Noise Correction Using Phase Information. , 2008, , .		0
107	Modeling of regional dynamic CO ₂ reactivity in respiratory related brain areas using BOLD fMRI. , 2008, , .		3
109	Direct estimation of evoked hemoglobin changes by multimodality fusion imaging. <i>Journal of Biomedical Optics</i> , 2008, 13, 054031.	1.4	29
110	The Statistical Analysis of fMRI Data. <i>Statistical Science</i> , 2008, 23, .	1.6	383
111	Automatic Physiological Waveform Processing for fMRI Noise Correction and Analysis. <i>PLoS ONE</i> , 2008, 3, e1751.	1.1	16
112	Noise and artifacts in MR images. , 0, , 252-276.		0

#	ARTICLE	IF	CITATIONS
113	Neural Activity Associated with the Passive Prediction of Ambiguity and Risk for Aversive Events. <i>Journal of Neuroscience</i> , 2009, 29, 1648-1656.	1.7	114
114	Decoupling of the brain's default mode network during deep sleep. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11376-11381.	3.3	627
115	Characterization of free breathing patterns with 5D lung motion model. <i>Medical Physics</i> , 2009, 36, 5183-5189.	1.6	27
117	Resting state corticolimbic connectivity abnormalities in unmedicated bipolar disorder and unipolar depression. <i>Psychiatry Research - Neuroimaging</i> , 2009, 171, 189-198.	0.9	330
118	General and specific responsiveness of the amygdala during explicit emotion recognition in females and males. <i>BMC Neuroscience</i> , 2009, 10, 91.	0.8	76
119	Physiological Modulations in Arterial Spin Labeling Perfusion Magnetic Resonance Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2009, 28, 703-709.	5.4	42
120	Cardiorespiratory effects on default mode network activity as measured with fMRI. <i>Human Brain Mapping</i> , 2009, 30, 3031-3042.	1.9	113
121	Correction for pulse height variability reduces physiological noise in functional MRI when studying spontaneous brain activity. <i>Human Brain Mapping</i> , 2010, 31, 311-325.	1.9	34
122	Fast functional brain imaging using constrained reconstruction based on regularization using arbitrary projections. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 394-405.	1.9	28
123	Sources of functional magnetic resonance imaging signal fluctuations in the human brain at rest: a 7 T study. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1019-1029.	1.0	213
124	Images-based suppression of unwanted global signals in resting-state functional connectivity studies. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1058-1064.	1.0	50
125	Investigation of high-resolution functional magnetic resonance imaging by means of surface and array radiofrequency coils at 7 T. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1011-1018.	1.0	26
126	Phase vs. magnitude information in functional magnetic resonance imaging time series: toward understanding the noise. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1046-1057.	1.0	40
127	A Mathematical Model for Understanding the Statistical effects of k-space (AMMUST-k) preprocessing on observed voxel measurements in fcMRI and fMRI. <i>Journal of Neuroscience Methods</i> , 2009, 181, 268-282.	1.3	12
129	Brain correlates of aesthetic expertise: A parametric fMRI study. <i>Brain and Cognition</i> , 2009, 69, 306-315.	0.8	210
130	Cerebral perfusion and oxygenation differences in Alzheimer's disease risk. <i>Neurobiology of Aging</i> , 2009, 30, 1737-1748.	1.5	171
131	HomER: a review of time-series analysis methods for near-infrared spectroscopy of the brain. <i>Applied Optics</i> , 2009, 48, D280.	2.1	1,176
132	fMRI Techniques and Protocols. <i>Neuroinformatics</i> , 2009, , .	0.2	14

#	ARTICLE	IF	CITATIONS
133	The Global Signal and Observed Anticorrelated Resting State Brain Networks. <i>Journal of Neurophysiology</i> , 2009, 101, 3270-3283.	0.9	1,732
134	Cerebral correlates of heart rate variations during a spontaneous panic attack in the fMRI scanner. <i>Neurocase</i> , 2009, 15, 527-534.	0.2	19
135	Making the most of fMRI at 7ÂT by suppressing spontaneous signal fluctuations. <i>NeuroImage</i> , 2009, 44, 448-454.	2.1	46
136	Pain fMRI in rat cervical spinal cord: An echo planar imaging evaluation of sensitivity of BOLD and blood volume-weighted fMRI. <i>NeuroImage</i> , 2009, 44, 349-362.	2.1	28
137	Determination of the human brainstem respiratory control network and its cortical connections in vivo using functional and structural imaging. <i>NeuroImage</i> , 2009, 44, 295-305.	2.1	143
138	fMRI analysis of active, passive and electrically stimulated ankle dorsiflexion. <i>NeuroImage</i> , 2009, 44, 469-479.	2.1	106
139	Influence of heart rate on the BOLD signal: The cardiac response function. <i>NeuroImage</i> , 2009, 44, 857-869.	2.1	605
140	The impact of global signal regression on resting state correlations: Are anti-correlated networks introduced?. <i>NeuroImage</i> , 2009, 44, 893-905.	2.1	2,164
141	Modulation of aesthetic value by semantic context: An fMRI study. <i>NeuroImage</i> , 2009, 44, 1125-1132.	2.1	344
142	Modulation of spontaneous fMRI activity in human visual cortex by behavioral state. <i>NeuroImage</i> , 2009, 45, 160-168.	2.1	169
143	Real-time imaging of human brain function by near-infrared spectroscopy using an adaptive general linear model. <i>NeuroImage</i> , 2009, 46, 133-143.	2.1	179
144	Caffeine reduces resting-state BOLD functional connectivity in the motor cortex. <i>NeuroImage</i> , 2009, 46, 56-63.	2.1	69
145	Time-variant fMRI activity in the brainstem and higher structures in response to acupuncture. <i>NeuroImage</i> , 2009, 47, 289-301.	2.1	101
146	Interactions between different EEG frequency bands and their effect on alphaâ€fMRI correlations. <i>NeuroImage</i> , 2009, 47, 69-76.	2.1	124
147	Relationship between respiration, end-tidal CO ₂ , and BOLD signals in resting-state fMRI. <i>NeuroImage</i> , 2009, 47, 1381-1393.	2.1	298
148	Abnormalities of intrinsic functional connectivity in autism spectrum disorders,. <i>NeuroImage</i> , 2009, 47, 764-772.	2.1	492
149	Biophysical modeling of phase changes in BOLD fMRI. <i>NeuroImage</i> , 2009, 47, 540-548.	2.1	45
150	Effects of model-based physiological noise correction on default mode network anti-correlations and correlations. <i>NeuroImage</i> , 2009, 47, 1448-1459.	2.1	455

#	ARTICLE	IF	CITATIONS
151	Investigating the consistency of brain activation using individual trial analysis of high-resolution fMRI in the human primary visual cortex. <i>NeuroImage</i> , 2009, 47, 1417-1424.	2.1	10
152	fMRI in the presence of task-correlated breathing variations. <i>NeuroImage</i> , 2009, 47, 1092-1104.	2.1	136
153	Resting-state BOLD networks versus task-associated functional MRI for distinguishing Alzheimer's disease risk groups. <i>NeuroImage</i> , 2009, 47, 1678-1690.	2.1	201
154	Physiological origin of low-frequency drift in blood oxygen level dependent (BOLD) functional magnetic resonance imaging (fMRI). <i>Magnetic Resonance in Medicine</i> , 2009, 61, 819-827.	1.9	61
155	No Evidence for Generalized Increased Postoperative Responsiveness to Pain: A Combined Behavioral and Serial Functional Magnetic Resonance Imaging Study. <i>Anesthesia and Analgesia</i> , 2009, 109, 600-606.	1.1	4
156	Brain specificity of diffuse optical imaging: improvements from superficial signal regression and tomography. <i>Frontiers in Neuroenergetics</i> , 2010, 2, .	5.3	107
158	Evaluation of preprocessing steps to compensate for magnetic field distortions due to body movements in BOLD fMRI. <i>Magnetic Resonance Imaging</i> , 2010, 28, 235-244.	1.0	31
159	Functional connectivity between task-positive and task-negative brain areas and its relation to working memory performance. <i>Magnetic Resonance Imaging</i> , 2010, 28, 1051-1057.	1.0	303
160	Functional exploration of the human spinal cord during voluntary movement and somatosensory stimulation. <i>Magnetic Resonance Imaging</i> , 2010, 28, 1216-1224.	1.0	24
161	Comparison of functional connectivity in default mode and sensorimotor networks at 3 and 7T. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010, 23, 339-349.	1.1	47
162	Effects of heartbeat and respiration on macaque fMRI: Implications for functional connectivity. <i>Neuropsychologia</i> , 2010, 48, 1886-1894.	0.7	27
163	The default network and processing of personally relevant information: Converging evidence from task-related modulations and functional connectivity. <i>Neuropsychologia</i> , 2010, 48, 3815-3823.	0.7	47
164	The representation of experimental tooth pain from upper and lower jaws in the human trigeminal pathway. <i>Pain</i> , 2010, 149, 529-538.	2.0	35
165	Alterations of resting state functional connectivity in the default network in adolescents with autism spectrum disorders. <i>Brain Research</i> , 2010, 1313, 202-214.	1.1	371
166	Reduced functional coupling in the default mode network during self-referential processing. <i>Human Brain Mapping</i> , 2010, 31, 1117-1127.	1.9	101
167	Brain Imaging. , 0, , 319-350.		2
168	Detecting blood oxygen level-dependent (BOLD) contrast in the breast. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 120-129.	1.9	44
169	In contrast to BOLD: signal enhancement by extravascular water protons as an alternative mechanism of endogenous fMRI signal change. <i>Magnetic Resonance Imaging</i> , 2010, 28, 1234-1243.	1.0	31

#	ARTICLE	IF	CITATIONS
170	Comparison of analytical strategies for EEG-correlated fMRI data in patients with epilepsy. <i>Magnetic Resonance Imaging</i> , 2010, 28, 1078-1086.	1.0	30
171	Correction of low-frequency physiological noise from the resting state BOLD fMRI—Effect on ICA default mode analysis at 1.5 T. <i>Journal of Neuroscience Methods</i> , 2010, 186, 179-185.	1.3	29
172	Adaptive cyclic physiologic noise modeling and correction in functional MRI. <i>Journal of Neuroscience Methods</i> , 2010, 187, 216-228.	1.3	62
173	Visual inspection of independent components: Defining a procedure for artifact removal from fMRI data. <i>Journal of Neuroscience Methods</i> , 2010, 189, 233-245.	1.3	320
174	The non-separability of physiologic noise in functional connectivity MRI with spatial ICA at 3 T. <i>Journal of Neuroscience Methods</i> , 2010, 191, 263-276.	1.3	29
175	Respiratory noise correction using phase information. <i>Magnetic Resonance Imaging</i> , 2010, 28, 574-582.	1.0	12
176	Comparison of $\hat{\pm}$ -chloralose, medetomidine and isoflurane anesthesia for functional connectivity mapping in the rat. <i>Magnetic Resonance Imaging</i> , 2010, 28, 995-1003.	1.0	156
177	Applying functional MRI to the spinal cord and brainstem. <i>Magnetic Resonance Imaging</i> , 2010, 28, 1225-1233.	1.0	42
178	Modeling Resting-State Brain Functional Integration. <i>Nature Precedings</i> , 2010, , .	0.1	1
179	Dissociable Memory- and Response-Related Activity in Parietal Cortex During Auditory Spatial Working Memory. <i>Frontiers in Psychology</i> , 2010, 1, 202.	1.1	32
180	Functional implications of age differences in motor system connectivity. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 17.	1.2	123
181	Connectivity analysis is essential to understand neurological disorders. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, .	1.2	68
182	Viewing Pictures of a Romantic Partner Reduces Experimental Pain: Involvement of Neural Reward Systems. <i>PLoS ONE</i> , 2010, 5, e13309.	1.1	234
183	Task-Related Effects on the Temporal and Spatial Dynamics of Resting-State Functional Connectivity in the Default Network. <i>PLoS ONE</i> , 2010, 5, e13311.	1.1	101
184	Clinical applications of resting state functional connectivity. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 19.	1.2	911
185	Neural correlates of virtual route recognition in congenital blindness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12716-12721.	3.3	160
186	Aberrant temporal and spatial brain activity during rest in patients with chronic pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6493-6497.	3.3	169
187	Advances and pitfalls in the analysis and interpretation of resting-state FMRI data. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 8.	1.2	746

#	ARTICLE	IF	CITATIONS
188	Intrinsic Functional Connectivity As a Tool For Human Connectomics: Theory, Properties, and Optimization. <i>Journal of Neurophysiology</i> , 2010, 103, 297-321.	0.9	1,667
189	fMRI headtracking using a single camera and a lightweight fiducial. , 2010, 2010, 5673-6.		1
190	Functional imaging and related techniques: An introduction for rehabilitation researchers. <i>Journal of Rehabilitation Research and Development</i> , 2010, 47, vii.	1.6	131
191	Topographic maps of multisensory attention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20110-20114.	3.3	72
192	Altered Resting State Cortico-Striatal Connectivity in Mild to Moderate Stage Parkinson's Disease. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 143.	1.2	173
193	Whole-brain mapping of venous vessel size in humans using the hypercapnia-induced BOLD effect. <i>NeuroImage</i> , 2010, 51, 765-774.	2.1	39
194	Subcortical functional connectivity and verbal episodic memory in healthy elderly—A resting state fMRI study. <i>NeuroImage</i> , 2010, 52, 379-388.	2.1	121
195	Mapping sources of correlation in resting state FMRI, with artifact detection and removal. <i>NeuroImage</i> , 2010, 52, 571-582.	2.1	481
196	Time lag dependent multimodal processing of concurrent fMRI and near-infrared spectroscopy (NIRS) data suggests a global circulatory origin for low-frequency oscillation signals in human brain. <i>NeuroImage</i> , 2010, 53, 553-564.	2.1	172
197	Alcohol increases spontaneous BOLD signal fluctuations in the visual network. <i>NeuroImage</i> , 2010, 53, 534-543.	2.1	59
198	Resting state functional connectivity of the whole head with near-infrared spectroscopy. <i>Biomedical Optics Express</i> , 2010, 1, 324.	1.5	150
199	Cortico-limbic circuitry and the airways: Insights from functional neuroimaging of respiratory afferents and efferents. <i>Biological Psychology</i> , 2010, 84, 13-25.	1.1	88
200	Timeâ€“frequency dynamics of resting-state brain connectivity measured with fMRI. <i>NeuroImage</i> , 2010, 50, 81-98.	2.1	1,645
201	P.1.e.008 Impact of genetic polymorphism on resting state functional connectivity in healthy subjects. <i>European Neuropsychopharmacology</i> , 2010, 20, S292-S293.	0.3	0
202	P.1.e.009 Delta9-THC induces non-specific psychotropic effects reflected in resting-state brain function: a pharmaco-imaging study. <i>European Neuropsychopharmacology</i> , 2010, 20, S293.	0.3	0
204	Functional connectivity and alterations in baseline brain state in humans. <i>NeuroImage</i> , 2010, 49, 823-834.	2.1	198
205	Sources of group differences in functional connectivity: An investigation applied to autism spectrum disorder. <i>NeuroImage</i> , 2010, 49, 401-414.	2.1	171
206	Caffeine increases the linearity of the visual BOLD response. <i>NeuroImage</i> , 2010, 49, 2311-2317.	2.1	12

#	ARTICLE	IF	CITATIONS
207	Modulation by EEG features of BOLD responses to interictal epileptiform discharges. <i>NeuroImage</i> , 2010, 50, 15-26.	2.1	34
208	The change in cerebrovascular reactivity between 3 T and 7 T measured using graded hypercapnia. <i>NeuroImage</i> , 2010, 51, 274-279.	2.1	22
209	BOLD signal responses to controlled hypercapnia in human spinal cord. <i>NeuroImage</i> , 2010, 50, 1074-1084.	2.1	59
210	A quantitative comparison of BOLD fMRI responses to noxious and innocuous stimuli in the human spinal cord. <i>NeuroImage</i> , 2010, 50, 1408-1415.	2.1	55
211	Sources of signal fluctuations in functional magnetic resonance imaging at 7 Tesla. , 2011, , .		0
212	Measuring the Consistency of Global Functional Connectivity Using Kernel Regression Methods. , 2011, , .		6
213	Physiological noise effects on the flip angle selection in BOLD fMRI. <i>NeuroImage</i> , 2011, 54, 2764-2778.	2.1	92
214	Working memory load modulates the auditory "What" and "Where" neural networks. <i>NeuroImage</i> , 2011, 55, 1260-1269.	2.1	52
215	fMRI of the brainstem using dual-echo EPI. <i>NeuroImage</i> , 2011, 55, 1593-1599.	2.1	44
216	Measuring functional connectivity using MEG: Methodology and comparison with fcMRI. <i>NeuroImage</i> , 2011, 56, 1082-1104.	2.1	452
217	Functional connectivity MRI in infants: Exploration of the functional organization of the developing brain. <i>NeuroImage</i> , 2011, 56, 1437-1452.	2.1	204
218	Head-repositioning does not reduce the reproducibility of fMRI activation in a block-design motor task. <i>NeuroImage</i> , 2011, 56, 1329-1337.	2.1	9
219	The impact of physiological noise correction on fMRI at 7 T. <i>NeuroImage</i> , 2011, 57, 101-112.	2.1	199
220	Linear coupling of undershoot with BOLD response in ER-fMRI and nonlinear BOLD response in rapid-presentation ER-fMRI. <i>NeuroImage</i> , 2011, 57, 391-402.	2.1	6
221	Real-time cardiac synchronization with fixed volume frame rate for reducing physiological instabilities in 3D FMRI. <i>NeuroImage</i> , 2011, 57, 1364-1375.	2.1	14
222	Amygdala and heart rate variability responses from listening to emotionally intense parts of a story. <i>NeuroImage</i> , 2011, 58, 963-973.	2.1	130
223	Striatal functional connectivity networks are modulated by fMRI resting state conditions. <i>NeuroImage</i> , 2011, 54, 380-388.	2.1	25
224	Cerebral activation is correlated to regional atrophy of the spinal cord and functional motor disability in spinal cord injured individuals. <i>NeuroImage</i> , 2011, 54, 1254-1261.	2.1	73

#	ARTICLE	IF	CITATIONS
225	A quantitative comparison of NIRS and fMRI across multiple cognitive tasks. <i>NeuroImage</i> , 2011, 54, 2808-2821.	2.1	748
226	Multi-parametric neuroimaging reproducibility: A 3-T resource study. <i>NeuroImage</i> , 2011, 54, 2854-2866.	2.1	318
227	Using pulse oximetry to account for high and low frequency physiological artifacts in the BOLD signal. <i>NeuroImage</i> , 2011, 55, 1633-1644.	2.1	60
228	Negative edges and soft thresholding in complex network analysis of resting state functional connectivity data. <i>NeuroImage</i> , 2011, 55, 1132-1146.	2.1	208
230	Are posterior default-mode networks more robust than anterior default-mode networks? Evidence from resting-state fMRI data analysis. <i>Neuroscience Letters</i> , 2011, 498, 57-62.	1.0	27
231	Improving sensitivity of EEG-fMRI studies in epilepsy: The role of sleep-specific activity. <i>Neuroscience Letters</i> , 2011, 505, 211-215.	1.0	17
232	Dissociable Reward and Timing Signals in Human Midbrain and Ventral Striatum. <i>Neuron</i> , 2011, 72, 654-664.	3.8	70
233	Evidence for involvement of the insula in the psychotropic effects of THC in humans: a double-blind, randomized pharmacological MRI study. <i>International Journal of Neuropsychopharmacology</i> , 2011, 14, 1377-1388.	1.0	47
234	Resting state fMRI reveals increased subthalamic nucleus-motor cortex connectivity in Parkinson's disease. <i>NeuroImage</i> , 2011, 55, 1728-1738.	2.1	220
235	Spontaneous fMRI activity during resting wakefulness and sleep. <i>Progress in Brain Research</i> , 2011, 193, 295-305.	0.9	21
236	Functional connectivity in the rat at 11.7 T: Impact of physiological noise in resting state fMRI. <i>NeuroImage</i> , 2011, 54, 2828-2839.	2.1	103
237	Loss of Coherence of Low Frequency Fluctuations of BOLD FMRI in Visual Cortex of Healthy Aged Subjects. <i>Open Neuroimaging Journal</i> , 2011, 5, 105-111.	0.2	36
238	Automated real-time behavioral and physiological data acquisition and display integrated with stimulus presentation for fMRI. <i>Frontiers in Neuroinformatics</i> , 2011, 5, 27.	1.3	12
239	Impact of Visual Repetition Rate on Intrinsic Properties of Low Frequency Fluctuations in the Visual Network. <i>PLoS ONE</i> , 2011, 6, e18954.	1.1	9
240	Paradigm-free mapping with morphological component analysis: getting most out of fMRI data. , 2011, , .		2
242	Differentiable contributions of human amygdalar subregions in the computations underlying reward and avoidance learning. <i>European Journal of Neuroscience</i> , 2011, 34, 134-145.	1.2	48
243	Negative BOLD-fMRI Signals in Large Cerebral Veins. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 401-412.	2.4	80
244	Cortical Depth-Dependent Temporal Dynamics of the BOLD Response in the Human Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 1999-2008.	2.4	118

#	ARTICLE	IF	CITATIONS
245	The relationship between BOLD signal and autonomic nervous system functions: implications for processing of "physiological noise". Magnetic Resonance Imaging, 2011, 29, 1338-1345.	1.0	67
246	Comparison between end-tidal CO2 and respiration volume per time for detecting BOLD signal fluctuations during paced hyperventilation. Magnetic Resonance Imaging, 2011, 29, 1186-1194.	1.0	12
247	Cardiac-induced physiological noise in 3D gradient echo brain imaging: Effect of k-space sampling scheme. Journal of Magnetic Resonance, 2011, 212, 74-85.	1.2	6
248	BOLD Contrast and Noise Characteristics of Densely Sampled Multi-Echo fMRI Data. IEEE Transactions on Medical Imaging, 2011, 30, 1691-1703.	5.4	6
249	A procedural framework for good imaging practice in pharmacological fMRI studies applied to drug development #2: protocol optimization and best practices. Drug Discovery Today, 2011, 16, 671-682.	3.2	25
250	Using a self-organizing map algorithm to detect age-related changes in functional connectivity during rest in autism spectrum disorders. Brain Research, 2011, 1380, 187-197.	1.1	86
251	Infraslow EEG oscillations organize large-scale cortical "subcortical interactions during sleep: A combined EEG/fMRI study. Brain Research, 2011, 1374, 63-72.	1.1	54
252	Paradigm free mapping with sparse regression automatically detects single-trial functional magnetic resonance imaging blood oxygenation level dependent responses. Human Brain Mapping, 2013, 34, 501-518.	1.9	48
253	Effects of common anesthetics on eye movement and electroretinogram. Documenta Ophthalmologica, 2011, 122, 163-176.	1.0	75
254	Accelerating image registration of MRI by GPU-based parallel computation. Magnetic Resonance Imaging, 2011, 29, 712-716.	1.0	29
255	Recovery of hippocampal network connectivity correlates with cognitive improvement in mild alzheimer's disease patients treated with donepezil assessed by resting-state fMRI. Journal of Magnetic Resonance Imaging, 2011, 34, 764-773.	1.9	79
256	Functional MRI-compatible laparoscopic surgery training simulator. Magnetic Resonance in Medicine, 2011, 65, 873-881.	1.9	19
257	Multiecho coarse voxel acquisition for neurofeedback fMRI. Magnetic Resonance in Medicine, 2011, 65, 715-724.	1.9	5
258	Variable-density spiral-in/out functional magnetic resonance imaging. Magnetic Resonance in Medicine, 2011, 65, 1287-1296.	1.9	17
259	A new tablet for writing and drawing during functional MRI. Human Brain Mapping, 2011, 32, 240-248.	1.9	67
260	Network anticorrelations, global regression, and phase-shifted soft tissue correction. Human Brain Mapping, 2011, 32, 919-934.	1.9	208
261	Detection and characterization of single-trial fMRI bold responses: Paradigm free mapping. Human Brain Mapping, 2011, 32, 1400-1418.	1.9	49
262	Local brain connectivity and associations with gender and age. Developmental Cognitive Neuroscience, 2011, 1, 187-197.	1.9	90

#	ARTICLE	IF	CITATIONS
263	The impact of physiologic noise correction applied to functional MRI of pain at 1.5 and 3.0 T. <i>Magnetic Resonance Imaging</i> , 2011, 29, 819-826.	1.0	7
264	Default network correlations analyzed on native surfaces. <i>Journal of Neuroscience Methods</i> , 2011, 198, 301-311.	1.3	29
265	Reproducibility of Single-Subject Functional Connectivity Measurements. <i>American Journal of Neuroradiology</i> , 2011, 32, 548-555.	1.2	178
266	Functional Connectivity Targeting for Deep Brain Stimulation in Essential Tremor. <i>American Journal of Neuroradiology</i> , 2011, 32, 1963-1968.	1.2	40
267	Identification and attenuation of physiological noise in fMRI using kernel techniques. , 2011, 2011, 4852-5.		0
268	A Resting-State Connectivity Metric Independent of Temporal Signal-to-Noise Ratio and Signal Amplitude. <i>Brain Connectivity</i> , 2011, 1, 159-167.	0.8	10
269	Functional Imaging in the Fetus. <i>Topics in Magnetic Resonance Imaging</i> , 2011, 22, 113-118.	0.7	6
270	Integrating fMRI with psychophysiological measurements in the study of decision making.. <i>Journal of Neuroscience, Psychology, and Economics</i> , 2011, 4, 85-94.	0.4	20
271	The impact of respiratory and cardiac effects on the phase and magnitude of resting-state fMRI signal. , 2011, , .		2
272	The Known Unknowns: Neural Representation of Second-Order Uncertainty, and Ambiguity. <i>Journal of Neuroscience</i> , 2011, 31, 4811-4820.	1.7	84
273	Classification of Alzheimer Disease, Mild Cognitive Impairment, and Normal Cognitive Status with Large-Scale Network Analysis Based on Resting-State Functional MR Imaging. <i>Radiology</i> , 2011, 259, 213-221.	3.6	245
274	Advances in High-Field BOLD fMRI. <i>Materials</i> , 2011, 4, 1941-1955.	1.3	21
275	Partitioning of Physiological Noise Signals in the Brain with Concurrent Near-Infrared Spectroscopy and fMRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 2352-2362.	2.4	102
276	Neural correlates of spatial orienting in the human superior colliculus. <i>Journal of Neurophysiology</i> , 2011, 106, 2273-2284.	0.9	34
277	Functional Neuroimaging of Treatment Effects in Psychiatry: Methodological Challenges and Recommendations. <i>International Journal of Neuroscience</i> , 2012, 122, 483-493.	0.8	23
278	Altered resting-state amygdala functional connectivity in men with posttraumatic stress disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2012, 37, 241-249.	1.4	303
279	Effects of Electroconvulsive Therapy on Brain Functional Activation and Connectivity in Depression. <i>Journal of ECT</i> , 2012, 28, 234-241.	0.3	54
280	Low-frequency oscillations measured in the periphery with near-infrared spectroscopy are strongly correlated with blood oxygen level-dependent functional magnetic resonance imaging signals. <i>Journal of Biomedical Optics</i> , 2012, 17, 1.	1.4	99

#	ARTICLE	IF	CITATIONS
281	Interregional Correlations in Parkinson Disease and Parkinson-related Dementia with Resting Functional MR Imaging. <i>Radiology</i> , 2012, 263, 226-234.	3.6	80
282	Reproducibility of swallow-induced cortical BOLD positive and negative fMRI activity. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, G600-G609.	1.6	19
283	Causal Interactions in Attention Networks Predict Behavioral Performance. <i>Journal of Neuroscience</i> , 2012, 32, 1284-1292.	1.7	128
284	Encoding of Sensory Prediction Errors in the Human Cerebellum. <i>Journal of Neuroscience</i> , 2012, 32, 4913-4922.	1.7	147
285	Neural Correlates of Specific and General Pavlovian-to-Instrumental Transfer within Human Amygdalar Subregions: A High-Resolution fMRI Study. <i>Journal of Neuroscience</i> , 2012, 32, 8383-8390.	1.7	148
286	Schizophrenic Patients and Their Unaffected Siblings Share Increased Resting-State Connectivity in the Task-Negative Network but Not Its Anticorrelated Task-Positive Network. <i>Schizophrenia Bulletin</i> , 2012, 38, 285-294.	2.3	116
287	Neural Dysregulation in Posttraumatic Stress Disorder. <i>Psychosomatic Medicine</i> , 2012, 74, 904-911.	1.3	341
288	A comparison of distributional considerations with statistical analysis of resting state fMRI at 3T and 7T. , 2012, 8314, .		10
289	Identification of the regional variability of the brain hemodynamic response to spontaneous and step-induced CO2 changes using function expansions*. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012, 45, 792-797.	0.4	3
290	Testâ€“retest reliability of resting-state connectivity network characteristics using fMRI and graph theoretical measures. <i>NeuroImage</i> , 2012, 59, 1404-1412.	2.1	414
291	Dopamine Modulates Episodic Memory Persistence in Old Age. <i>Journal of Neuroscience</i> , 2012, 32, 14193-14204.	1.7	162
292	Default-mode network dysfunction and self-referential processing in healthy siblings of schizophrenia patients. <i>Schizophrenia Research</i> , 2012, 142, 237-243.	1.1	70
293	The Human Connectome Project: A data acquisition perspective. <i>NeuroImage</i> , 2012, 62, 2222-2231.	2.1	1,978
294	The Default Mode Network and Recurrent Depression: A Neurobiological Model of Cognitive Risk Factors. <i>Neuropsychology Review</i> , 2012, 22, 229-251.	2.5	246
295	Trouble at Rest: How Correlation Patterns and Group Differences Become Distorted After Global Signal Regression. <i>Brain Connectivity</i> , 2012, 2, 25-32.	0.8	805
296	Striatal and cortical midline circuits in major depression: Implications for suicide and symptom expression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 36, 290-299.	2.5	80
297	Characterizing variation in the functional connectome: promise and pitfalls. <i>Trends in Cognitive Sciences</i> , 2012, 16, 181-188.	4.0	248
298	Fractionation of social brain circuits in autism spectrum disorders. <i>Brain</i> , 2012, 135, 2711-2725.	3.7	314

#	ARTICLE	IF	CITATIONS
299	Single session motor learning demonstrated using a visuomotor task: Evidence from fMRI and behavioural analysis. <i>Journal of Neuroscience Methods</i> , 2012, 209, 308-319.	1.3	8
300	Aberrant functional connectivity of cortico-basal ganglia circuits in major depression. <i>Neuroscience Letters</i> , 2012, 514, 86-90.	1.0	42
301	Calibrated fMRI. <i>NeuroImage</i> , 2012, 62, 930-937.	2.1	92
302	Motion-related artefacts in EEG predict neuronally plausible patterns of activation in fMRI data. <i>NeuroImage</i> , 2012, 59, 261-270.	2.1	56
303	The influence of head motion on intrinsic functional connectivity MRI. <i>NeuroImage</i> , 2012, 59, 431-438.	2.1	2,209
304	Signal quality and Bayesian signal processing in neurofeedback based on real-time fMRI. <i>NeuroImage</i> , 2012, 59, 478-489.	2.1	50
305	Attention strongly increases oxygen metabolic response to stimulus in primary visual cortex. <i>NeuroImage</i> , 2012, 59, 601-607.	2.1	37
306	Identification and characterisation of midbrain nuclei using optimised functional magnetic resonance imaging. <i>NeuroImage</i> , 2012, 59, 1230-1238.	2.1	38
307	PHYCAA: Data-driven measurement and removal of physiological noise in BOLD fMRI. <i>NeuroImage</i> , 2012, 59, 1299-1314.	2.1	26
308	Anticorrelations in resting state networks without global signal regression. <i>NeuroImage</i> , 2012, 59, 1420-1428.	2.1	894
309	Stability of resting fMRI interregional correlations analyzed in subject-native space: A one-year longitudinal study in healthy adults and premanifest Huntington's disease. <i>NeuroImage</i> , 2012, 59, 2452-2463.	2.1	44
310	Physiologic noise regression, motion regression, and TOAST dynamic field correction in complex-valued fMRI time series. <i>NeuroImage</i> , 2012, 59, 2231-2240.	2.1	9
311	Caffeine increases the temporal variability of resting-state BOLD connectivity in the motor cortex. <i>NeuroImage</i> , 2012, 59, 2994-3002.	2.1	56
312	The impact of serotonin transporter (5-HTTLPR) genotype on the development of resting-state functional connectivity in children and adolescents: A preliminary report. <i>NeuroImage</i> , 2012, 59, 2760-2770.	2.1	55
313	Sleep spindle-related reactivation of category-specific cortical regions after learning face-scene associations. <i>NeuroImage</i> , 2012, 59, 2733-2742.	2.1	201
314	An alternative approach towards assessing and accounting for individual motion in fMRI timeseries. <i>NeuroImage</i> , 2012, 59, 2062-2072.	2.1	115
315	The influence of spontaneous activity on stimulus processing in primary visual cortex. <i>NeuroImage</i> , 2012, 59, 2700-2708.	2.1	46
316	Phase stability in fMRI time series: Effect of noise regression, off-resonance correction and spatial filtering techniques. <i>NeuroImage</i> , 2012, 59, 3748-3761.	2.1	23

#	ARTICLE	IF	CITATIONS
317	The utility of near-infrared spectroscopy in the regression of low-frequency physiological noise from functional magnetic resonance imaging data. <i>NeuroImage</i> , 2012, 59, 3128-3138.	2.1	37
318	TE-dependent spatial and spectral specificity of functional connectivity. <i>NeuroImage</i> , 2012, 59, 3075-3084.	2.1	13
319	Assessment of physiological noise modelling methods for functional imaging of the spinal cord. <i>NeuroImage</i> , 2012, 60, 1538-1549.	2.1	83
320	Differentiating BOLD and non-BOLD signals in fMRI time series using multi-echo EPI. <i>NeuroImage</i> , 2012, 60, 1759-1770.	2.1	528
321	Magnetic resonance imaging of resting OEF and CMRO2 using a generalized calibration model for hypercapnia and hyperoxia. <i>NeuroImage</i> , 2012, 60, 1212-1225.	2.1	131
322	Changes in regional cerebral blood flow and functional connectivity in the cholinergic pathway associated with cognitive performance in subjects with mild Alzheimer's disease after 12-week donepezil treatment. <i>NeuroImage</i> , 2012, 60, 1083-1091.	2.1	98
323	Coupling between gamma oscillation and fMRI signal in the rat somatosensory cortex: Its dependence on systemic physiological parameters. <i>NeuroImage</i> , 2012, 60, 738-746.	2.1	36
324	The role of physiological noise in resting-state functional connectivity. <i>NeuroImage</i> , 2012, 62, 864-870.	2.1	313
325	Brain state regulation during normal development: Intrinsic activity fluctuations in simultaneous EEG&fMRI. <i>NeuroImage</i> , 2012, 60, 1426-1439.	2.1	39
326	Multiple sensitivity profiles to diversity and transition structure in non-stationary input. <i>NeuroImage</i> , 2012, 60, 991-1005.	2.1	33
327	Dynamic retrospective filtering of physiological noise in BOLD fMRI: DRIFTER. <i>NeuroImage</i> , 2012, 60, 1517-1527.	2.1	127
328	Ultrafast inverse imaging techniques for fMRI. <i>NeuroImage</i> , 2012, 62, 699-705.	2.1	40
329	Exploring resting-state functional connectivity with total interdependence. <i>NeuroImage</i> , 2012, 60, 1587-1595.	2.1	35
330	Nonlinear denoising and analysis of neuroimages with kernel principal component analysis and pre-image estimation. <i>NeuroImage</i> , 2012, 60, 1807-1818.	2.1	24
331	Physiological denoising of BOLD fMRI data using Regressor Interpolation at Progressive Time Delays (RIPTiDe) processing of concurrent fMRI and near-infrared spectroscopy (NIRS). <i>NeuroImage</i> , 2012, 60, 1913-1923.	2.1	64
332	A framework to integrate EEG-correlated fMRI and intracerebral recordings. <i>NeuroImage</i> , 2012, 60, 2042-2053.	2.1	22
333	Spatiotemporal dynamics of the brain at rest " Exploring EEG microstates as electrophysiological signatures of BOLD resting state networks. <i>NeuroImage</i> , 2012, 60, 2062-2072.	2.1	271
334	A clustering-based method to detect functional connectivity differences. <i>NeuroImage</i> , 2012, 61, 56-61.	2.1	14

#	ARTICLE	IF	CITATIONS
335	Task-related BOLD responses and resting-state functional connectivity during physiological clamping of end-tidal CO ₂ . <i>NeuroImage</i> , 2012, 61, 41-49.	2.1	22
336	Concurrent fNIRS and fMRI processing allows independent visualization of the propagation of pressure waves and bulk blood flow in the cerebral vasculature. <i>NeuroImage</i> , 2012, 61, 1419-1427.	2.1	64
337	Improving the sensitivity of EEG-fMRI studies of epileptic activity by modelling eye blinks, swallowing and other video-EEG detected physiological confounds. <i>NeuroImage</i> , 2012, 61, 1383-1393.	2.1	26
338	Atlas-based analysis of resting-state functional connectivity: Evaluation for reproducibility and multi-modal anatomy-function correlation studies. <i>NeuroImage</i> , 2012, 61, 613-621.	2.1	132
339	Impaired hemodynamic response in the ischemic brain assessed with BOLD fMRI. <i>NeuroImage</i> , 2012, 61, 579-590.	2.1	34
340	Anti-correlated networks, global signal regression, and the effects of caffeine in resting-state functional MRI. <i>NeuroImage</i> , 2012, 63, 356-364.	2.1	130
341	Automatic sleep staging using fMRI functional connectivity data. <i>NeuroImage</i> , 2012, 63, 63-72.	2.1	137
342	Reduction of physiological noise with independent component analysis improves the detection of nociceptive responses with fMRI of the human spinal cord. <i>NeuroImage</i> , 2012, 63, 245-252.	2.1	22
343	Periodic changes in fMRI connectivity. <i>NeuroImage</i> , 2012, 63, 1712-1719.	2.1	350
344	EEG-assisted retrospective motion correction for fMRI: E-REMCOR. <i>NeuroImage</i> , 2012, 63, 698-712.	2.1	21
345	A dual echo approach to motion correction for functional connectivity studies. <i>NeuroImage</i> , 2012, 63, 1487-1497.	2.1	11
346	Neural systems mediating recognition of changes in statistical regularities. <i>NeuroImage</i> , 2012, 63, 1730-1742.	2.1	36
347	Finding thalamic BOLD correlates to posterior alpha EEG. <i>NeuroImage</i> , 2012, 63, 1060-1069.	2.1	92
349	Methodology for functional MRI of simulated driving. <i>Medical Physics</i> , 2013, 40, 012301.	1.6	23
350	Real-Time fMRI. <i>Neuroscientist</i> , 2012, 18, 487-501.	2.6	110
351	Optimizing Preprocessing and Analysis Pipelines for Single-Subject fMRI: 2. Interactions with ICA, PCA, Task Contrast and Inter-Subject Heterogeneity. <i>PLoS ONE</i> , 2012, 7, e31147.	1.1	46
352	Effects of Different Correlation Metrics and Preprocessing Factors on Small-World Brain Functional Networks: A Resting-State Functional MRI Study. <i>PLoS ONE</i> , 2012, 7, e32766.	1.1	163
353	Resting-State Functional Connectivity between Fronto-Parietal and Default Mode Networks in Obsessive-Compulsive Disorder. <i>PLoS ONE</i> , 2012, 7, e36356.	1.1	198

#	ARTICLE	IF	CITATIONS
354	Resting state cortico-cerebellar functional connectivity networks: a comparison of anatomical and self-organizing map approaches. <i>Frontiers in Neuroanatomy</i> , 2012, 6, 31.	0.9	221
355	On the Plurality of (Methodological) Worlds: Estimating the Analytic Flexibility of fMRI Experiments. <i>Frontiers in Neuroscience</i> , 2012, 6, 149.	1.4	305
356	Complex and magnitude-only preprocessing of 2D and 3D BOLD fMRI data at 7 T. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 867-871.	1.9	12
357	Pseudocontinuous arterial spin labeling with optimized tagging efficiency. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1135-1144.	1.9	36
358	A method to determine the necessity for global signal regression in resting-state fMRI studies. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1828-1835.	1.9	89
359	Physiological noise reduction using volumetric functional magnetic resonance inverse imaging. <i>Human Brain Mapping</i> , 2012, 33, 2815-2830.	1.9	26
360	Neural correlates of the psychedelic state as determined by fMRI studies with psilocybin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2138-2143.	3.3	789
361	Neural Coding of Sound Intensity and Loudness in the Human Auditory System. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2012, 13, 369-379.	0.9	62
362	The contribution of the inferior parietal cortex to spoken language production. <i>Brain and Language</i> , 2012, 121, 47-57.	0.8	59
363	Age differences in default and reward networks during processing of personally relevant information. <i>Neuropsychologia</i> , 2012, 50, 1682-1697.	0.7	38
364	Enhancing the utility of complex-valued functional magnetic resonance imaging detection of neurobiological processes through postacquisition estimation and correction of dynamic errors and motion. <i>Human Brain Mapping</i> , 2012, 33, 288-306.	1.9	10
365	Spontaneous blood oxygenation level-dependent fMRI signal is modulated by behavioral state and correlates with evoked response in sensorimotor cortex: A 7.0T fMRI study. <i>Human Brain Mapping</i> , 2012, 33, 511-522.	1.9	20
366	Optimizing preprocessing and analysis pipelines for single-subject fMRI. I. Standard temporal motion and physiological noise correction methods. <i>Human Brain Mapping</i> , 2012, 33, 609-627.	1.9	90
367	Mapping hemodynamic correlates of seizures using fMRI: A review. <i>Human Brain Mapping</i> , 2013, 34, 447-466.	1.9	42
368	Detection of physiological noise in resting state fMRI using machine learning. <i>Human Brain Mapping</i> , 2013, 34, 985-998.	1.9	7
369	Periods of rest in fMRI contain individual spontaneous events which are related to slowly fluctuating spontaneous activity. <i>Human Brain Mapping</i> , 2013, 34, 1319-1329.	1.9	107
370	Brain correlates of phasic autonomic response to acupuncture stimulation: An event-related fMRI study. <i>Human Brain Mapping</i> , 2013, 34, 2592-2606.	1.9	67
371	Theta power during encoding predicts subsequent memory performance and default mode network deactivation. <i>Human Brain Mapping</i> , 2013, 34, 2929-2943.	1.9	79

#	ARTICLE	IF	CITATIONS
372	High-resolution functional MRI at 3 T: 3D/2D echo-planar imaging with optimized physiological noise correction. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 1657-1664.	1.9	93
373	The effect of resting condition on resting-state fMRI reliability and consistency: A comparison between resting with eyes open, closed, and fixated. <i>NeuroImage</i> , 2013, 78, 463-473.	2.1	334
374	Serotonin 2A receptors contribute to the regulation of risk-averse decisions. <i>NeuroImage</i> , 2013, 83, 35-44.	2.1	36
375	The Neural Representation of Unexpected Uncertainty during Value-Based Decision Making. <i>Neuron</i> , 2013, 79, 191-201.	3.8	212
376	Haloperidol modulates midbrain-prefrontal functional connectivity in the rat brain. <i>European Neuropsychopharmacology</i> , 2013, 23, 1310-1319.	0.3	31
377	Playing it safe but losing anyway—Serotonergic signaling of negative outcomes in dorsomedial prefrontal cortex in the context of risk-aversion. <i>European Neuropsychopharmacology</i> , 2013, 23, 919-930.	0.3	39
378	Neurofeedback-mediated self-regulation of the dopaminergic midbrain. <i>NeuroImage</i> , 2013, 83, 817-825.	2.1	90
379	Facilitation of Pain in the Human Spinal Cord by Nocebo Treatment. <i>Journal of Neuroscience</i> , 2013, 33, 13784-13790.	1.7	109
380	A Survey of the Sources of Noise in fMRI. <i>Psychometrika</i> , 2013, 78, 396-416.	1.2	56
381	Regional homogeneity of resting-state fMRI contributes to both neurovascular and task activation variations. <i>Magnetic Resonance Imaging</i> , 2013, 31, 1492-1500.	1.0	88
382	The amplitude of the resting-state fMRI global signal is related to EEG vigilance measures. <i>NeuroImage</i> , 2013, 83, 983-990.	2.1	248
383	Large-scale brain functional modularity is reflected in slow electroencephalographic rhythms across the human non-rapid eye movement sleep cycle. <i>NeuroImage</i> , 2013, 70, 327-339.	2.1	91
384	Generalized inverse imaging (GIN): Ultrafast fMRI with physiological noise correction. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 962-971.	1.9	40
385	Hierarchical Prediction Errors in Midbrain and Basal Forebrain during Sensory Learning. <i>Neuron</i> , 2013, 80, 519-530.	3.8	285
386	Amygdala activity contributes to the dissociative effect of cannabis on pain perception. <i>Pain</i> , 2013, 154, 124-134.	2.0	109
387	Magnetic resonance imaging of a randomized controlled trial investigating predictors of recovery following psychological treatment in adolescents with moderate to severe unipolar depression: study protocol for Magnetic Resonance-Improving Mood with Psychoanalytic and Cognitive Therapies (MR-IMPACT). <i>BMC Psychiatry</i> , 2013, 13, 247.	1.1	14
388	Neural Primacy of the Salience Processing System in Schizophrenia. <i>Neuron</i> , 2013, 79, 814-828.	3.8	288
389	Correlated slow fluctuations in respiration, EEG, and BOLD fMRI. <i>NeuroImage</i> , 2013, 79, 81-93.	2.1	101

#	ARTICLE	IF	CITATIONS
390	Function in the human connectome: Task-fMRI and individual differences in behavior. <i>NeuroImage</i> , 2013, 80, 169-189.	2.1	1,259
391	EEG correlates of time-varying BOLD functional connectivity. <i>NeuroImage</i> , 2013, 72, 227-236.	2.1	299
392	A novel approach for global noise reduction in resting-state fMRI: APPLECOR. <i>NeuroImage</i> , 2013, 64, 19-31.	2.1	23
393	Segregated Encoding of Rewardâ€“Identity and Stimulusâ€“Reward Associations in Human Orbitofrontal Cortex. <i>Journal of Neuroscience</i> , 2013, 33, 3202-3211.	1.7	125
394	Response to: Letter from Paul Eugene Summers, Federico Giove, and Carlo Adolfo Porro. <i>Pain</i> , 2013, 154, 2574-2575.	2.0	0
395	Association between heart rate variability and fluctuations in resting-state functional connectivity. <i>NeuroImage</i> , 2013, 68, 93-104.	2.1	309
396	Late-life depression, mild cognitive impairment and hippocampal functional network architecture. <i>NeuroImage: Clinical</i> , 2013, 3, 311-320.	1.4	25
397	Early visual learning induces long-lasting connectivity changes during rest in the human brain. <i>NeuroImage</i> , 2013, 77, 148-156.	2.1	36
398	Disordered reward processing and functional connectivity in trichotillomania: A pilot study. <i>Journal of Psychiatric Research</i> , 2013, 47, 1264-1272.	1.5	43
399	The impact of serotonin transporter genotype on default network connectivity in children and adolescents with autism spectrum disorders. <i>NeuroImage: Clinical</i> , 2013, 2, 17-24.	1.4	15
400	Intrinsic variability in the human response to pain is assembled from multiple, dynamic brain processes. <i>NeuroImage</i> , 2013, 75, 68-78.	2.1	50
401	A NO way to BOLD?: Dietary nitrate alters the hemodynamic response to visual stimulation. <i>NeuroImage</i> , 2013, 83, 397-407.	2.1	45
402	Measurement of OEF and absolute CMRO2: MRI-based methods using interleaved and combined hypercapnia and hyperoxia. <i>NeuroImage</i> , 2013, 83, 135-147.	2.1	133
403	Classifying fMRI-derived resting-state connectivity patterns according to their daily rhythmicity. <i>NeuroImage</i> , 2013, 71, 298-306.	2.1	69
404	Whole-head rapid fMRI acquisition using echo-shifted magnetic resonance inverse imaging. <i>NeuroImage</i> , 2013, 78, 325-338.	2.1	35
405	Disrupted cortico-cerebellar connectivity in older adults. <i>NeuroImage</i> , 2013, 83, 103-119.	2.1	96
406	The effect of scan length on the reliability of resting-state fMRI connectivity estimates. <i>NeuroImage</i> , 2013, 83, 550-558.	2.1	707
407	Adaptation of cerebral oxygen metabolism and blood flow and modulation of neurovascular coupling with prolonged stimulation in human visual cortex. <i>NeuroImage</i> , 2013, 82, 182-189.	2.1	25

#	ARTICLE	IF	CITATIONS
408	Multiparametric brainstem segmentation using a modified multivariate mixture of Gaussians. <i>NeuroImage: Clinical</i> , 2013, 2, 684-694.	1.4	58
409	The nuisance of nuisance regression: Spectral misspecification in a common approach to resting-state fMRI preprocessing reintroduces noise and obscures functional connectivity. <i>NeuroImage</i> , 2013, 82, 208-225.	2.1	516
410	Functional connectivity of the cortical swallowing network in humans. <i>NeuroImage</i> , 2013, 76, 33-44.	2.1	34
412	The Convergence of Maturation Change and Structural Covariance in Human Cortical Networks. <i>Journal of Neuroscience</i> , 2013, 33, 2889-2899.	1.7	417
413	Dimensionality of brain networks linked to life-long individual differences in self-control. <i>Nature Communications</i> , 2013, 4, 1373.	5.8	37
414	Resting-state fMRI confounds and cleanup. <i>NeuroImage</i> , 2013, 80, 349-359.	2.1	598
415	The Thalamus and Brainstem Act As Key Hubs in Alterations of Human Brain Network Connectivity Induced by Mild Propofol Sedation. <i>Journal of Neuroscience</i> , 2013, 33, 4024-4031.	1.7	77
416	Modulation of proprioceptive feedback during functional electrical stimulation: an fMRI study. <i>European Journal of Neuroscience</i> , 2013, 37, 1766-1778.	1.2	18
417	Real-time fMRI neurofeedback: Progress and challenges. <i>NeuroImage</i> , 2013, 76, 386-399.	2.1	398
418	Estimation of resting-state functional connectivity using random subspace based partial correlation: A novel method for reducing global artifacts. <i>NeuroImage</i> , 2013, 82, 87-100.	2.1	16
419	Distributed effects of methylphenidate on the network structure of the resting brain: A connectomic pattern classification analysis. <i>NeuroImage</i> , 2013, 81, 213-221.	2.1	40
420	Signal fluctuations in fMRI data acquired with 2D-EPI and 3D-EPI at 7 Tesla. <i>Magnetic Resonance Imaging</i> , 2013, 31, 212-220.	1.0	60
421	Evaluating the effects of systemic low frequency oscillations measured in the periphery on the independent component analysis results of resting state networks. <i>NeuroImage</i> , 2013, 76, 202-215.	2.1	80
422	Oscillatory serotonin function in depression. <i>Synapse</i> , 2013, 67, 801-820.	0.6	22
423	Dynamic functional connectivity: Promise, issues, and interpretations. <i>NeuroImage</i> , 2013, 80, 360-378.	2.1	2,358
424	Sustained deep-tissue pain alters functional brain connectivity. <i>Pain</i> , 2013, 154, 1343-1351.	2.0	52
425	A comprehensive assessment of regional variation in the impact of head micromovements on functional connectomics. <i>NeuroImage</i> , 2013, 76, 183-201.	2.1	1,331
426	Resting-state connectivity of pre-motor cortex reflects disability in multiple sclerosis. <i>Acta Neurologica Scandinavica</i> , 2013, 128, n/a-n/a.	1.0	33

#	ARTICLE	IF	CITATIONS
427	PHYCAA+: An optimized, adaptive procedure for measuring and controlling physiological noise in BOLD fMRI. <i>NeuroImage</i> , 2013, 82, 306-325.	2.1	52
428	An improved framework for confound regression and filtering for control of motion artifact in the preprocessing of resting-state functional connectivity data. <i>NeuroImage</i> , 2013, 64, 240-256.	2.1	1,540
429	Luminance contrast of a visual stimulus modulates the BOLD response more than the cerebral blood flow response in the human brain. <i>NeuroImage</i> , 2013, 64, 104-111.	2.1	33
430	Removing motion and physiological artifacts from intrinsic BOLD fluctuations using short echo data. <i>NeuroImage</i> , 2013, 64, 526-537.	2.1	80
431	The impact of "physiological correction" on functional connectivity analysis of pharmacological resting state fMRI. <i>NeuroImage</i> , 2013, 65, 499-510.	2.1	62
432	Tracking dynamic resting-state networks at higher frequencies using MR-encephalography. <i>NeuroImage</i> , 2013, 65, 216-222.	2.1	150
433	Connective field modeling. <i>NeuroImage</i> , 2013, 66, 376-384.	2.1	75
434	The effects of altered intrathoracic pressure on resting cerebral blood flow and its response to visual stimulation. <i>NeuroImage</i> , 2013, 66, 479-488.	2.1	19
435	Subject specific BOLD fMRI respiratory and cardiac response functions obtained from global signal. <i>NeuroImage</i> , 2013, 72, 252-264.	2.1	54
436	Motion Correction for MR Cystography by an Image Processing Approach. <i>IEEE Transactions on Biomedical Engineering</i> , 2013, 60, 2401-2410.	2.5	8
437	Functional magnetic resonance imaging identifies somatotopic organization of nociception in the human spinal cord. <i>Pain</i> , 2013, 154, 776-781.	2.0	37
438	Independent Sources of Spontaneous BOLD Fluctuation Along the Visual Pathway. <i>Brain Topography</i> , 2013, 26, 525-537.	0.8	7
439	fMRI of human olfaction at the individual level: Interindividual variability. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 92-100.	1.9	25
440	Retrospective correction of physiological noise in DTI using an extended tensor model and peripheral measurements. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 358-369.	1.9	32
441	The Development of Hub Architecture in the Human Functional Brain Network. <i>Cerebral Cortex</i> , 2013, 23, 2380-2393.	1.6	194
442	Sex Differences in Resting-State Functional Connectivity in Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2013, 34, 2304-2311.	1.2	24
443	Rhythm-specific modulation of the sensorimotor network in drug-naïve patients with Parkinson's disease by levodopa. <i>Brain</i> , 2013, 136, 710-725.	3.7	178
444	Evidence for Model-based Computations in the Human Amygdala during Pavlovian Conditioning. <i>PLoS Computational Biology</i> , 2013, 9, e1002918.	1.5	65

#	ARTICLE	IF	CITATIONS
445	Physiological interference in effective connectivity of action network. <i>NeuroReport</i> , 2013, 24, 1-5.	0.6	2
446	Acute serotonin 2A receptor blocking alters the processing of fearful faces in the orbitofrontal cortex and amygdala. <i>Journal of Psychopharmacology</i> , 2013, 27, 903-914.	2.0	20
447	Two distinct forms of functional lateralization in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3435-44.	3.3	315
448	Aberrant resting-state connectivity in non-psychotic individuals with auditory hallucinations. <i>Psychological Medicine</i> , 2013, 43, 1685-1696.	2.7	47
449	Effective Preprocessing Procedures Virtually Eliminate Distance-Dependent Motion Artifacts in Resting State fMRI. <i>Journal of Applied Mathematics</i> , 2013, 2013, 1-9.	0.4	260
450	Breakdown of long-range temporal dependence in default mode and attention networks during deep sleep. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15419-15424.	3.3	203
451	Anti-Correlated Cortical Networks of Intrinsic Connectivity in the Rat Brain. <i>Brain Connectivity</i> , 2013, 3, 503-511.	0.8	55
452	Intrinsic functional connectivity of the brain swallowing network during subliminal esophageal acid stimulation. <i>Neurogastroenterology and Motility</i> , 2013, 25, 992.	1.6	11
453	Correcting Brain-Wide Correlation Differences in Resting-State fMRI. <i>Brain Connectivity</i> , 2013, 3, 339-352.	0.8	183
454	Brain-computer interfaces increase whole-brain signal to noise. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13630-13635.	3.3	20
455	High efficiency multishot interleaved spiral acquisition for high-resolution BOLD fMRI. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 420-428.	1.9	6
456	Correction for the T1 effect incorporating flip angle estimated by Kalman filter in cardiac-gated functional MRI. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 1626-1633.	1.9	12
457	Characterizing Aging in the Human Brainstem Using Quantitative Multimodal MRI Analysis. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 462.	1.0	50
458	The perils of global signal regression for group comparisons: a case study of Autism Spectrum Disorders. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 356.	1.0	260
459	BOLD Specificity and Dynamics Evaluated in Humans at 7 T: Comparing Gradient-Echo and Spin-Echo Hemodynamic Responses. <i>PLoS ONE</i> , 2013, 8, e54560.	1.1	49
460	A Novel Method of Combining Blood Oxygenation and Blood Flow Sensitive Magnetic Resonance Imaging Techniques to Measure the Cerebral Blood Flow and Oxygen Metabolism Responses to an Unknown Neural Stimulus. <i>PLoS ONE</i> , 2013, 8, e54816.	1.1	9
461	Prefrontal Control of the Amygdala during Real-Time fMRI Neurofeedback Training of Emotion Regulation. <i>PLoS ONE</i> , 2013, 8, e79184.	1.1	127
462	Caffeine-Induced Global Reductions in Resting-State BOLD Connectivity Reflect Widespread Decreases in MEG Connectivity. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 63.	1.0	37

#	ARTICLE	IF	CITATIONS
463	An Automated Method for Identifying Artifact in Independent Component Analysis of Resting-State fMRI. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 343.	1.0	49
464	High-Speed Real-Time Resting-State fMRI Using Multi-Slab Echo-Volumar Imaging. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 479.	1.0	70
465	Tonotopic Organization in the Depth of Human Inferior Colliculus. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 586.	1.0	33
466	Physiological Noise in Brainstem fMRI. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 623.	1.0	181
467	Avoidant symptoms in PTSD predict fear circuit activation during multimodal fear extinction. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 672.	1.0	59
468	The balanced mind: the variability of task-unrelated thoughts predicts error monitoring. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 743.	1.0	61
469	Monitoring attentional state with fNIRS. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 861.	1.0	39
470	GLMdenoise: a fast, automated technique for denoising task-based fMRI data. <i>Frontiers in Neuroscience</i> , 2013, 7, 247.	1.4	183
471	Development of the Complex General Linear Model in the Fourier Domain: Application to fMRI Multiple Input-Output Evoked Responses for Single Subjects. <i>Computational and Mathematical Methods in Medicine</i> , 2013, 2013, 1-16.	0.7	0
472	Real-Time fMRI Neurofeedback Training of Amygdala Activity in Patients with Major Depressive Disorder. <i>PLoS ONE</i> , 2014, 9, e88785.	1.1	250
473	Structural and Functional Cerebral Correlates of Hypnotic Suggestibility. <i>PLoS ONE</i> , 2014, 9, e93187.	1.1	27
474	Spatially Distributed Effects of Mental Exhaustion on Resting-State FMRI Networks. <i>PLoS ONE</i> , 2014, 9, e94222.	1.1	46
475	Classification of Self-Driven Mental Tasks from Whole-Brain Activity Patterns. <i>PLoS ONE</i> , 2014, 9, e97296.	1.1	13
476	Voxel-Wise Motion Artifacts in Population-Level Whole-Brain Connectivity Analysis of Resting-State fMRI. <i>PLoS ONE</i> , 2014, 9, e104947.	1.1	21
477	Isolated Assessment of Translation or Rotation Severely Underestimates the Effects of Subject Motion in fMRI Data. <i>PLoS ONE</i> , 2014, 9, e106498.	1.1	25
478	Neural Associations of the Early Retinotopic Cortex with the Lateral Occipital Complex during Visual Perception. <i>PLoS ONE</i> , 2014, 9, e108557.	1.1	2
479	Decreased Connectivity between the Thalamus and the Neocortex during Human Nonrapid Eye Movement Sleep. <i>Sleep</i> , 2014, 37, 387-397.	0.6	72
480	Studying the Spatial Distribution of Physiological Effects on BOLD Signals Using Ultrafast fMRI. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 196.	1.0	64

#	ARTICLE	IF	CITATIONS
481	Using fMRI non-local means denoising to uncover activation in sub-cortical structures at 1.5 T for guided HARDI tractography. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 715.	1.0	23
482	Frequency-specific network topologies in the resting human brain. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 1022.	1.0	36
483	The spatial structure of resting state connectivity stability on the scale of minutes. <i>Frontiers in Neuroscience</i> , 2014, 8, 138.	1.4	104
484	De-noising with a SOCK can improve the performance of event-related ICA. <i>Frontiers in Neuroscience</i> , 2014, 8, 285.	1.4	3
485	Negative BOLD in default-mode structures measured with EEG-MREG is larger in temporal than extra-temporal epileptic spikes. <i>Frontiers in Neuroscience</i> , 2014, 8, 335.	1.4	16
486	Phase Variations in fMRI Time Series Analysis: Friend or Foe?. , 0, , .		2
487	A Practical Guide to an fMRI Experiment. , 2014, , .		0
488	Big Challenges from the Little Brain – Imaging the Cerebellum. , 0, , .		16
489	Active and Passive fMRI for Presurgical Mapping of Motor and Language Cortex. , 0, , .		1
490	Frontal-Subcortical Circuits Involved in Reactive Control and Monitoring of Gaze. <i>Journal of Neuroscience</i> , 2014, 34, 8918-8929.	1.7	32
491	Endogenous Attention Signals Evoked by Threshold Contrast Detection in Human Superior Colliculus. <i>Journal of Neuroscience</i> , 2014, 34, 892-900.	1.7	26
492	Functional and Developmental Significance of Amplitude Variance Asymmetry in the BOLD Resting-State Signal. <i>Cerebral Cortex</i> , 2014, 24, 1332-1350.	1.6	14
493	Dissociable Functional Networks of the Human Dentate Nucleus. <i>Cerebral Cortex</i> , 2014, 24, 2151-2159.	1.6	85
494	A Neural Population Model Incorporating Dopaminergic Neurotransmission during Complex Voluntary Behaviors. <i>PLoS Computational Biology</i> , 2014, 10, e1003924.	1.5	7
495	Investigation of BOLD fMRI resonance frequency shifts and quantitative susceptibility changes at 7 T. <i>Human Brain Mapping</i> , 2014, 35, 2191-2205.	1.9	42
496	Improved temporal resolution for functional studies with reduced number of segments with three-dimensional echo planar imaging. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 786-792.	1.9	9
497	Lifespan Differences in Cortico-Striatal Resting State Connectivity. <i>Brain Connectivity</i> , 2014, 4, 166-180.	0.8	36
498	Respiration phase-locks to fast stimulus presentations: Implications for the interpretation of posterior midline – deactivations. <i>Human Brain Mapping</i> , 2014, 35, 4932-4943.	1.9	39

#	ARTICLE	IF	CITATIONS
499	On the impact of physiological noise in spinal cord functional MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 770-777.	1.9	20
500	Enhanced phase regression with savitzky-golay filtering for high-resolution BOLD fMRI. <i>Human Brain Mapping</i> , 2014, 35, 3832-3840.	1.9	4
501	Functional Connectivity of Primary Motor Cortex Is Dependent on Genetic Burden in Prodromal Huntington Disease. <i>Brain Connectivity</i> , 2014, 4, 535-546.	0.8	28
502	Short repetition time multiband echo-planar imaging with simultaneous pulse recording allows dynamic imaging of the cardiac pulsation signal. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1268-1276.	1.9	34
503	Resting-State Functional Connectivity Modulation and Sustained Changes After Real-Time Functional Magnetic Resonance Imaging Neurofeedback Training in Depression. <i>Brain Connectivity</i> , 2014, 4, 690-701.	0.8	122
504	Quantification of the Statistical Effects of Spatiotemporal Processing of Nontask fMRI Data. <i>Brain Connectivity</i> , 2014, 4, 649-661.	0.8	9
505	Optimized simultaneous ASL and BOLD functional imaging of the whole brain. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 1104-1117.	1.9	31
506	Classification of borderline personality disorder based on spectral power of resting-state fMRI. , 2014, 2014, 5036-9.		11
507	Measurement of population receptive fields in human early visual cortex using back-projection tomography. <i>Journal of Vision</i> , 2014, 14, 17-17.	0.1	46
508	Abnormal Amygdala Resting-State Functional Connectivity in Adolescent Depression. <i>JAMA Psychiatry</i> , 2014, 71, 1138.	6.0	262
509	Altered reward processing in the orbitofrontal cortex and hippocampus in healthy first-degree relatives of patients with depression. <i>Psychological Medicine</i> , 2014, 44, 1183-1195.	2.7	24
510	Diffusion Tensor Imaging in the Study of Aging and Age-Associated Neural Disease. , 2014, , 257-281.		11
511	Advantages and Challenges of Small Animal Magnetic Resonance Imaging as a Translational Tool. <i>Neuropsychobiology</i> , 2014, 69, 187-201.	0.9	65
512	Losing the struggle to stay awake: Divergent thalamic and cortical activity during microsleeps. <i>Human Brain Mapping</i> , 2014, 35, 257-269.	1.9	92
513	Task and task-free fMRI reproducibility comparison for motor network identification. <i>Human Brain Mapping</i> , 2014, 35, 340-352.	1.9	62
514	Quantification and correction of respiration induced dynamic field map changes in fMRI using 3D single shot techniques. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 1093-1102.	1.9	38
515	A kernel machine-based fMRI physiological noise removal method. <i>Magnetic Resonance Imaging</i> , 2014, 32, 150-162.	1.0	1
516	Common intrinsic connectivity states among posteromedial cortex subdivisions: Insights from analysis of temporal dynamics. <i>NeuroImage</i> , 2014, 93, 124-137.	2.1	104

#	ARTICLE	IF	CITATIONS
517	Highcor: A novel data-driven regressor identification method for BOLD fMRI. <i>NeuroImage</i> , 2014, 98, 184-194.	2.1	11
518	Understanding the contribution of neural and physiological signal variation to the low repeatability of emotion-induced BOLD responses. <i>NeuroImage</i> , 2014, 86, 335-342.	2.1	40
519	Increased insula coactivation with salience networks in insomnia. <i>Biological Psychology</i> , 2014, 97, 1-8.	1.1	144
520	Individual Trial Analysis for 7T fMRI Data by a Data-Driven Multi Scale Approach. <i>Brain Topography</i> , 2014, 27, 213-227.	0.8	1
521	Effects of Attention and Perceptual Uncertainty on Cerebellar Activity During Visual Motion Perception. <i>Cerebellum</i> , 2014, 13, 46-54.	1.4	13
522	Uncertainty and confidence from the triple-network perspective: Voxel-based meta-analyses. <i>Brain and Cognition</i> , 2014, 85, 191-200.	0.8	42
523	Evidence that the negative BOLD response is neuronal in origin: A simultaneous EEG–BOLD–CBF study in humans. <i>NeuroImage</i> , 2014, 94, 263-274.	2.1	137
524	BOLD sensitivity and SNR characteristics of parallel imaging-accelerated single-shot multi-echo EPI for fMRI. <i>NeuroImage</i> , 2014, 84, 65-75.	2.1	16
525	Automatic denoising of functional MRI data: Combining independent component analysis and hierarchical fusion of classifiers. <i>NeuroImage</i> , 2014, 90, 449-468.	2.1	1,580
526	Characterization and reduction of cardiac- and respiratory-induced noise as a function of the sampling rate (TR) in fMRI. <i>NeuroImage</i> , 2014, 89, 314-330.	2.1	42
527	ICA-based artefact removal and accelerated fMRI acquisition for improved resting state network imaging. <i>NeuroImage</i> , 2014, 95, 232-247.	2.1	1,148
528	In vivo Assessment of Human Brainstem Cerebrovascular Function: A Multi-Inversion Time Pulsed Arterial Spin Labelling Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 956-963.	2.4	5
529	Neuroimaging of Epilepsy: Lesions, Networks, Oscillations. <i>Clinical Neuroradiology</i> , 2014, 24, 5-15.	1.0	20
530	Studying Brain Organization via Spontaneous fMRI Signal. <i>Neuron</i> , 2014, 84, 681-696.	3.8	239
531	Age-Related Differences in the Dynamic Architecture of Intrinsic Networks. <i>Brain Connectivity</i> , 2014, 4, 231-241.	0.8	29
532	Caffeine alters resting–state functional connectivity measured by blood oxygenation level–dependent MRI. <i>NMR in Biomedicine</i> , 2014, 27, 444-452.	1.6	27
533	Special Considerations/Technical Limitations of Blood-Oxygen-Level-Dependent Functional Magnetic Resonance Imaging. <i>Neuroimaging Clinics of North America</i> , 2014, 24, 705-715.	0.5	12
534	Individual differences in intrinsic brain connectivity predict decision strategy. <i>Journal of Neurophysiology</i> , 2014, 112, 1838-1848.	0.9	18

#	ARTICLE	IF	CITATIONS
535	Anatomic Connectivity Assessed Using Pathway Radial Diffusivity Is Related to Functional Connectivity in Monosynaptic Pathways. <i>Brain Connectivity</i> , 2014, 4, 558-565.	0.8	15
536	The Influence of Physiological Noise Correction on Test-Retest Reliability of Resting-State Functional Connectivity. <i>Brain Connectivity</i> , 2014, 4, 511-522.	0.8	84
537	Denosing the speaking brain: Toward a robust technique for correcting artifact-contaminated fMRI data under severe motion. <i>NeuroImage</i> , 2014, 103, 33-47.	2.1	34
538	Methods for olfactory fMRI studies: Implication of respiration. <i>Human Brain Mapping</i> , 2014, 35, 3616-3624.	1.9	25
539	Resting-State Functional MR Imaging: A New Window to the Brain. <i>Radiology</i> , 2014, 272, 29-49.	3.6	301
540	Early Alterations in Functional Connectivity and White Matter Structure in a Transgenic Mouse Model of Cerebral Amyloidosis. <i>Journal of Neuroscience</i> , 2014, 34, 13780-13789.	1.7	61
541	Neuroelectrical Decomposition of Spontaneous Brain Activity Measured with Functional Magnetic Resonance Imaging. <i>Cerebral Cortex</i> , 2014, 24, 3080-3089.	1.6	16
542	Functional quantitative susceptibility mapping (fQSM). <i>NeuroImage</i> , 2014, 100, 112-124.	2.1	76
543	BOLD matches neuronal activity at the mm scale: A combined 7T fMRI and ECoG study in human sensorimotor cortex. <i>NeuroImage</i> , 2014, 101, 177-184.	2.1	97
544	MRI under hyperbaric air and oxygen: Effects on local magnetic field and relaxation times. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1176-1181.	1.9	7
545	Medial frontal cortex and anterior insula are less sensitive to outcome predictability when monetary stakes are higher. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1625-1631.	1.5	3
546	Effect of voluntary repetitive long-lasting muscle contraction activity on the BOLD signal as assessed by optimal hemodynamic response function. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2014, 27, 171-184.	1.1	4
547	Pupil diameter covaries with BOLD activity in human locus coeruleus. <i>Human Brain Mapping</i> , 2014, 35, 4140-4154.	1.9	625
548	Multiple time scale complexity analysis of resting state FMRI. <i>Brain Imaging and Behavior</i> , 2014, 8, 284-291.	1.1	60
549	Network Dysfunction in Alzheimer's Disease: Refining the Disconnection Hypothesis. <i>Brain Connectivity</i> , 2014, 4, 299-311.	0.8	151
550	Fractal analysis of spontaneous fluctuations of the BOLD signal in the human brain networks. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 1118-1125.	1.9	1
551	Optimizing RetrolCor and RetroKCor corrections for multi-shot 3D FMRI acquisitions. <i>NeuroImage</i> , 2014, 84, 394-405.	2.1	15
552	Reducing respiratory effect in motion correction for EPI images with sequential slice acquisition order. <i>Journal of Neuroscience Methods</i> , 2014, 227, 83-89.	1.3	5

#	ARTICLE	IF	CITATIONS
553	Cultural influences on the neural correlate of moral decision making processes. Behavioural Brain Research, 2014, 259, 215-228.	1.2	51
554	Early visual deprivation from congenital cataracts disrupts activity and functional connectivity in the face network. Neuropsychologia, 2014, 57, 122-139.	0.7	66
555	Fast fMRI provides high statistical power in the analysis of epileptic networks. NeuroImage, 2014, 88, 282-294.	2.1	48
556	The use of fMRI to detect neural responses to cognitive interference and planning: Evidence for a contribution of task related changes in heart rate?. Journal of Neuroscience Methods, 2014, 229, 97-107.	1.3	9
557	Decoding Wakefulness Levels from Typical fMRI Resting-State Data Reveals Reliable Drifts between Wakefulness and Sleep. Neuron, 2014, 82, 695-708.	3.8	567
558	Multiple sclerosis impairs regional functional connectivity in the cerebellum. NeuroImage: Clinical, 2014, 4, 130-138.	1.4	42
560	Effects of selective serotonin reuptake inhibition on neural activity related to risky decisions and monetary rewards in healthy males. NeuroImage, 2014, 99, 434-442.	2.1	19
561	Non-parametric Bayesian graph models reveal community structure in resting state fMRI. NeuroImage, 2014, 100, 301-315.	2.1	15
562	Investigating intrinsic connectivity networks using simultaneous BOLD and CBF measurements. NeuroImage, 2014, 99, 111-121.	2.1	14
563	Matched-filter acquisition for BOLD fMRI. NeuroImage, 2014, 100, 145-160.	2.1	31
564	Working memory performance of early MS patients correlates inversely with modularity increases in resting state functional connectivity networks. NeuroImage, 2014, 94, 385-395.	2.1	106
565	Self-regulation of human brain activity using simultaneous real-time fMRI and EEG neurofeedback. NeuroImage, 2014, 85, 985-995.	2.1	184
566	Role of emotional processing in depressive responses to sex-hormone manipulation: a pharmacological fMRI study. Translational Psychiatry, 2015, 5, e688-e688.	2.4	31
567	Intrinsic Brain Activity and Resting State Networks. , 2015, , 1-52.		3
568	Increase in glutamate/glutamine concentration in the medial prefrontal cortex during mental imagery: A combined functional mrs and fMRI study. Human Brain Mapping, 2015, 36, 3204-3212.	1.9	39
569	Neural activity patterns evoked by a spouse's incongruent emotional reactions when recalling marriage-relevant experiences. Human Brain Mapping, 2015, 36, 4164-4183.	1.9	5
570	Differential lateralization of hippocampal connectivity reflects features of recent context and ongoing demands: An examination of immediate post-task activity. Human Brain Mapping, 2015, 36, 519-537.	1.9	10
571	Noncontrast mapping of arterial delay and functional connectivity using resting-state functional MRI: A study in Moyamoya patients. Journal of Magnetic Resonance Imaging, 2015, 41, 424-430.	1.9	88

#	ARTICLE	IF	CITATIONS
572	Segmentation of the thalamus based on <sc>BOLD</sc> frequencies affected in temporal lobe epilepsy. <i>Epilepsia</i> , 2015, 56, 1819-1827.	2.6	24
573	A correlation-based method for extracting subject-specific components and artifacts from group-specific <sc>MRI</sc> data. <i>European Journal of Neuroscience</i> , 2015, 42, 2726-2741.	1.2	7
574	Functional connectivity associated with gait velocity during walking and walking while talking in aging: A resting-state fMRI study. <i>Human Brain Mapping</i> , 2015, 36, 1484-1493.	1.9	102
575	Functional connectivity constrains the category-related organization of human ventral occipitotemporal cortex. <i>Human Brain Mapping</i> , 2015, 36, 2187-2206.	1.9	66
576	Resting state connectivity of the bed nucleus of the stria terminalis at ultra-high field. <i>Human Brain Mapping</i> , 2015, 36, 4076-4088.	1.9	84
577	Test-retest reliability of cerebral blood flow and blood oxygenation level-dependent responses to hypercapnia and hyperoxia using dual-echo pseudo-continuous arterial spin labeling and step changes in the fractional composition of inspired gases. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1144-1157.	1.9	29
578	Wavelet-space correlation imaging for high-speed MRI without motion monitoring or data segmentation. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 1574-1586.	1.9	5
579	Contact-free physiological monitoring using a markerless optical system. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 571-577.	1.9	16
580	Changes in Effective Connectivity of the Superior Parietal Lobe during Inhibition and Redirection of Eye Movements. <i>Journal of Experimental Neuroscience</i> , 2015, 9s1, JEN.S32736.	2.3	3
581	A computerized tablet with visual feedback of hand position for functional magnetic resonance imaging. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 150.	1.0	13
582	Altered cerebellar connectivity in Parkinson's patients ON and OFF L-DOPA medication. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 214.	1.0	57
583	Detection of short-term activity avalanches in human brain default mode network with ultrafast MR encephalography. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 448.	1.0	29
584	Retrieving Binary Answers Using Whole-Brain Activity Pattern Classification. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 689.	1.0	0
585	Impact of hematocrit on measurements of the intrinsic brain. <i>Frontiers in Neuroscience</i> , 2014, 8, 452.	1.4	14
586	phMRI: methodological considerations for mitigating potential confounding factors. <i>Frontiers in Neuroscience</i> , 2015, 9, 167.	1.4	20
587	Considerations for resting state functional MRI and functional connectivity studies in rodents. <i>Frontiers in Neuroscience</i> , 2015, 9, 269.	1.4	86
588	Identification of Voxels Confounded by Venous Signals Using Resting-State fMRI Functional Connectivity Graph Community Identification. <i>Frontiers in Neuroscience</i> , 2015, 9, 472.	1.4	13
589	A role of right middle frontal gyrus in reorienting of attention: a case study. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 23.	1.2	347

#	ARTICLE	IF	CITATIONS
590	Resting State BOLD Functional Connectivity at 3T: Spin Echo versus Gradient Echo EPI. PLoS ONE, 2015, 10, e0120398.	1.1	15
591	Functional Connectivity in MRI Is Driven by Spontaneous BOLD Events. PLoS ONE, 2015, 10, e0124577.	1.1	40
592	The Functional Connectome of Speech Control. PLoS Biology, 2015, 13, e1002209.	2.6	82
593	Face Patch Resting State Networks Link Face Processing to Social Cognition. PLoS Biology, 2015, 13, e1002245.	2.6	45
594	Resting-State fMRI in MS: General Concepts and Brief Overview of Its Application. BioMed Research International, 2015, 2015, 1-8.	0.9	38
595	Posterior Cingulate Lactate as a Metabolic Biomarker in Amnesic Mild Cognitive Impairment. BioMed Research International, 2015, 2015, 1-13.	0.9	14
596	Resting-State Functional Magnetic Resonance Imaging: The Impact of Regression Analysis. Journal of Neuroimaging, 2015, 25, 117-123.	1.0	15
597	Test-retest reliability of graph metrics of resting state MRI functional brain networks: A review. Journal of Neuroscience Methods, 2015, 253, 183-192.	1.3	103
598	Functional MRI of the Brainstem: Common Problems and their Solutions. Clinical Neuroradiology, 2015, 25, 251-257.	1.0	71
599	Mapping the end-tidal CO2 response function in the resting-state BOLD fMRI signal: Spatial specificity, test-retest reliability and effect of fMRI sampling rate. NeuroImage, 2015, 104, 266-277.	2.1	115
600	Global features of functional brain networks change with contextual disorder. NeuroImage, 2015, 117, 103-113.	2.1	26
601	Cerebellar Cortex and Cerebellar Nuclei Are Concomitantly Activated during Eyeblick Conditioning: A 7T fMRI Study in Humans. Journal of Neuroscience, 2015, 35, 1228-1239.	1.7	48
602	Globally conditioned causality in estimating directed brain-heart interactions through joint MRI and RR series analysis. , 2015, 2015, 3795-8.		0
603	Variability of structurally constrained and unconstrained functional connectivity in schizophrenia. Human Brain Mapping, 2015, 36, 4529-4538.	1.9	9
604	Differential fMRI Activation Patterns to Noxious Heat and Tactile Stimuli in the Primate Spinal Cord. Journal of Neuroscience, 2015, 35, 10493-10502.	1.7	29
605	Cortical Coupling Reflects Bayesian Belief Updating in the Deployment of Spatial Attention. Journal of Neuroscience, 2015, 35, 11532-11542.	1.7	92
606	Is There a Nonadditive Interaction Between Spontaneous and Evoked Activity? Phase-Dependence and Its Relation to the Temporal Structure of Scale-Free Brain Activity. Cerebral Cortex, 2017, 27, bhv288.	1.6	92
607	Cognitive flexibility in adolescence: Neural and behavioral mechanisms of reward prediction error processing in adaptive decision making during development. NeuroImage, 2015, 104, 347-354.	2.1	143

#	ARTICLE	IF	CITATIONS
608	BOLD responses to itch in the human spinal cord. <i>NeuroImage</i> , 2015, 108, 138-143.	2.1	13
609	Increasing structural atrophy and functional isolation of the temporal lobe with duration of disease in temporal lobe epilepsy. <i>Epilepsy Research</i> , 2015, 110, 171-178.	0.8	24
610	Evoked itch perception is associated with changes in functional brain connectivity. <i>NeuroImage: Clinical</i> , 2015, 7, 213-221.	1.4	32
611	Cerebro-cerebellar connectivity is increased in primary lateral sclerosis. <i>NeuroImage: Clinical</i> , 2015, 7, 288-296.	1.4	38
616	Connectivity in the human brain dissociates entropy and complexity of auditory inputs. <i>NeuroImage</i> , 2015, 108, 292-300.	2.1	11
617	Esophageal acid stimulation alters insular cortex functional connectivity in gastroesophageal reflux disease. <i>Neurogastroenterology and Motility</i> , 2015, 27, 201-211.	1.6	7
618	Resting-State Connectivity Predictors of Response to Psychotherapy in Major Depressive Disorder. <i>Neuropsychopharmacology</i> , 2015, 40, 1659-1673.	2.8	122
619	The effect of ageing on fMRI: Correction for the confounding effects of vascular reactivity evaluated by joint fMRI and MEG in 335 adults. <i>Human Brain Mapping</i> , 2015, 36, 2248-2269.	1.9	169
620	Exploring task-related variability in fMRI data using fluctuations in power spectrum of simultaneously acquired EEG. <i>Journal of Neuroscience Methods</i> , 2015, 245, 125-136.	1.3	15
621	Network topology and functional connectivity disturbances precede the onset of Huntington's disease. <i>Brain</i> , 2015, 138, 2332-2346.	3.7	99
622	Brains striving for coherence: Long-term cumulative plot formation in the default mode network. <i>NeuroImage</i> , 2015, 121, 106-114.	2.1	49
623	Calibrating the BOLD response without administering gases: Comparison of hypercapnia calibration with calibration using an asymmetric spin echo. <i>NeuroImage</i> , 2015, 104, 423-429.	2.1	39
624	Prospective motion correction of 3D echo-planar imaging data for functional MRI using optical tracking. <i>NeuroImage</i> , 2015, 113, 1-12.	2.1	68
625	Advantages and disadvantages of a fast fMRI sequence in the context of EEG-fMRI investigation of epilepsy patients: A realistic simulation study. <i>NeuroImage</i> , 2015, 119, 20-32.	2.1	11
626	Temporal profile of brain response to alprazolam in patients with generalized anxiety disorder. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 394-401.	0.9	20
627	Speech networks at rest and in action: interactions between functional brain networks controlling speech production. <i>Journal of Neurophysiology</i> , 2015, 113, 2967-2978.	0.9	60
628	Sensitivity of PPI analysis to differences in noise reduction strategies. <i>Journal of Neuroscience Methods</i> , 2015, 253, 218-232.	1.3	9
629	Functional Neuroimaging: Fundamental Principles and Clinical Applications. <i>Neuroradiology Journal</i> , 2015, 28, 87-96.	0.6	25

#	ARTICLE	IF	CITATIONS
630	Vascular Coupling in Resting-State fMRI: Evidence from Multiple Modalities. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1910-1920.	2.4	39
631	Tracking ongoing cognition in individuals using brief, whole-brain functional connectivity patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8762-8767.	3.3	312
632	Artifacts in Functional MRI and How to Mitigate Them. , 2015, , 231-243.		0
633	Evolution of Instrumentation for Functional Magnetic Resonance Imaging. , 2015, , 89-96.		0
634	Using Edge Voxel Information to Improve Motion Regression for rs-fMRI Connectivity Studies. <i>Brain Connectivity</i> , 2015, 5, 582-595.	0.8	26
635	Characterizing Resting-State Brain Function Using Arterial Spin Labeling. <i>Brain Connectivity</i> , 2015, 5, 527-542.	0.8	75
636	Structural and functional MRI abnormalities of cerebellar cortex and nuclei in SCA3, SCA6 and Friedreich's ataxia. <i>Brain</i> , 2015, 138, 1182-1197.	3.7	106
637	Comparison of functional thalamic segmentation from seed-based analysis and ICA. <i>NeuroImage</i> , 2015, 114, 448-465.	2.1	37
638	Functional subdivision of the human periaqueductal grey in respiratory control using 7tesla fMRI. <i>NeuroImage</i> , 2015, 113, 356-364.	2.1	64
639	Is fMRI noise really noise? Resting state nuisance regressors remove variance with network structure. <i>NeuroImage</i> , 2015, 114, 158-169.	2.1	161
640	Are Epilepsy-Related fMRI Components Dependent on the Presence of Interictal Epileptic Discharges in Scalp EEG?. <i>Brain Topography</i> , 2015, 28, 606-618.	0.8	18
641	Understanding the dynamic relationship between cerebral blood flow and the BOLD signal: Implications for quantitative functional MRI. <i>NeuroImage</i> , 2015, 116, 158-167.	2.1	34
642	Physiological noise in human cerebellar fMRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2015, 28, 485-492.	1.1	14
643	The Lateral Prefrontal Cortex Mediates the Hyperalgesic Effects of Negative Cognitions in Chronic Pain Patients. <i>Journal of Pain</i> , 2015, 16, 692-699.	0.7	49
644	Inferring deep-brain activity from cortical activity using functional near-infrared spectroscopy. <i>Biomedical Optics Express</i> , 2015, 6, 1074.	1.5	63
645	High frequency functional brain networks in neonates revealed by rapid acquisition resting state fMRI. <i>Human Brain Mapping</i> , 2015, 36, 2483-2494.	1.9	27
646	Revealing Brain Activity and White Matter Structure Using Functional and Diffusion-Weighted Magnetic Resonance Imaging. <i>Medical Radiology</i> , 2015, , 13-60.	0.0	0
647	The Somatosensory Link in Fibromyalgia: Functional Connectivity of the Primary Somatosensory Cortex Is Altered by Sustained Pain and Is Associated With Clinical/Autonomic Dysfunction. <i>Arthritis and Rheumatology</i> , 2015, 67, 1395-1405.	2.9	124

#	ARTICLE	IF	CITATIONS
648	Combined MEG and EEG show reliable patterns of electromagnetic brain activity during natural viewing. <i>NeuroImage</i> , 2015, 114, 49-56.	2.1	42
649	Introducing co-activation pattern metrics to quantify spontaneous brain network dynamics. <i>NeuroImage</i> , 2015, 111, 476-488.	2.1	138
650	Distinct Contributions of Ventromedial and Dorsolateral Subregions of the Human Substantia Nigra to Appetitive and Aversive Learning. <i>Journal of Neuroscience</i> , 2015, 35, 14220-14233.	1.7	62
651	Functional Magnetic Resonance Imaging Methods. <i>Neuropsychology Review</i> , 2015, 25, 289-313.	2.5	118
652	Memory hierarchies map onto the hippocampal long axis in humans. <i>Nature Neuroscience</i> , 2015, 18, 1562-1564.	7.1	212
653	Temporally Dissociable Contributions of Human Medial Prefrontal Subregions to Reward-Guided Learning. <i>Journal of Neuroscience</i> , 2015, 35, 11209-11220.	1.7	45
654	Resting-State Networks. <i>Biological Magnetic Resonance</i> , 2015, , 387-425.	0.4	2
655	Inter-individual differences in the experience of negative emotion predict variations in functional brain architecture. <i>NeuroImage</i> , 2015, 123, 80-88.	2.1	26
656	A Neural Substrate for Behavioral Inhibition in the Risk for Major Depressive Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2015, 54, 841-848.	0.3	19
657	Real-time fMRI processing with physiological noise correction – Comparison with off-line analysis. <i>Journal of Neuroscience Methods</i> , 2015, 256, 117-121.	1.3	27
658	Expressive suppression and neural responsiveness to nonverbal affective cues. <i>Neuropsychologia</i> , 2015, 77, 321-330.	0.7	2
659	Resting-state functional connectivity predicts longitudinal change in autistic traits and adaptive functioning in autism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6699-706.	3.3	94
660	Network analysis of EEG related functional MRI changes due to medication withdrawal in focal epilepsy. <i>NeuroImage: Clinical</i> , 2015, 8, 560-571.	1.4	18
661	Improving the use of principal component analysis to reduce physiological noise and motion artifacts to increase the sensitivity of task-based fMRI. <i>Journal of Neuroscience Methods</i> , 2015, 241, 18-29.	1.3	18
662	BOLD fractional contribution to resting-state functional connectivity above 0.1 Hz. <i>NeuroImage</i> , 2015, 107, 207-218.	2.1	172
663	Functional Integration Between Brain Regions at Rest Occurs in Multiple-Frequency Bands. <i>Brain Connectivity</i> , 2015, 5, 23-34.	0.8	178
664	The Effects of Acutely Administered 3,4-Methylenedioxymethamphetamine on Spontaneous Brain Function in Healthy Volunteers Measured with Arterial Spin Labeling and Blood Oxygen Level-Dependent Resting State Functional Connectivity. <i>Biological Psychiatry</i> , 2015, 78, 554-562.	0.7	136
665	Evolution of Functional Connectivity of Brain Networks and Their Dynamic Interaction in Temporal Lobe Epilepsy. <i>Brain Connectivity</i> , 2015, 5, 35-44.	0.8	74

#	ARTICLE	IF	CITATIONS
666	Neurobiological Signatures of Anxiety and Depression in Resting-State Functional Magnetic Resonance Imaging. <i>Biological Psychiatry</i> , 2015, 77, 385-393.	0.7	130
667	Age differences in the default network at rest and the relation to self-referential processing. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 231-239.	1.5	10
668	Empathy as a neuropsychological heuristic in social decision-making. <i>Social Neuroscience</i> , 2015, 10, 179-191.	0.7	23
669	Rewarding feedback promotes motor skill consolidation via striatal activity. <i>Progress in Brain Research</i> , 2016, 229, 303-323.	0.9	42
670	Head Motion and Correction Methods in Resting-state Functional MRI. <i>Magnetic Resonance in Medical Sciences</i> , 2016, 15, 178-186.	1.1	57
671	Fundamentals of Functional Neuroimaging. , 0, , 41-73.		3
672	Gender Specific Re-organization of Resting-State Networks in Older Age. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 285.	1.7	37
673	A Digital Atlas of Middle to Large Brain Vessels and Their Relation to Cortical and Subcortical Structures. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 12.	0.9	43
674	Correcting for Blood Arrival Time in Global Mean Regression Enhances Functional Connectivity Analysis of Resting State fMRI-BOLD Signals. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 311.	1.0	89
675	Amygdala fMRI Signal as a Predictor of Reaction Time. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 516.	1.0	6
676	Effect of Task-Related Physiological Fluctuations and Motion in 2D and 3D Echo-Planar Imaging in a Higher Cognitive Level fMRI Paradigm. <i>Frontiers in Neuroscience</i> , 2016, 10, 225.	1.4	4
677	A Hitchhiker's Guide to Functional Magnetic Resonance Imaging. <i>Frontiers in Neuroscience</i> , 2016, 10, 515.	1.4	159
678	Investigating the Group-Level Impact of Advanced Dual-Echo fMRI Combinations. <i>Frontiers in Neuroscience</i> , 2016, 10, 571.	1.4	13
679	Dynamic Multiscale Modes of Resting State Brain Activity Detected by Entropy Field Decomposition. <i>Neural Computation</i> , 2016, 28, 1769-1811.	1.3	11
680	Linking Indices of Tonic Alertness: Resting-State Pupil Dilation and Cingulo-Opercular Neural Activity. <i>Lecture Notes in Computer Science</i> , 2016, , 218-230.	1.0	5
681	Effect of temporal resolution and serial autocorrelations in event-related functional MRI. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 1805-1813.	1.9	34
682	Neural Correlates of Antidepressant Treatment Response in Adolescents with Major Depressive Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2016, 26, 705-712.	0.7	63
683	Improvement of temporal signal-to-noise ratio of GRAPPA accelerated echo planar imaging using a FLASH based calibration scan. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 2362-2371.	1.9	40

#	ARTICLE	IF	CITATIONS
684	Foundations of Augmented Cognition: Neuroergonomics and Operational Neuroscience. Lecture Notes in Computer Science, 2016, . .	1.0	1
685	A novel joint sparse partial correlation method for estimating group functional networks. Human Brain Mapping, 2016, 37, 1162-1177.	1.9	13
686	Association of Alterations in Gray Matter Volume With Reduced Evokedâ€Pain Connectivity Following Shortâ€Term Administration of Pregabalin in Patients With Fibromyalgia. Arthritis and Rheumatology, 2016, 68, 1511-1521.	2.9	18
687	Common modulation of limbic network activation underlies musical emotions as they unfold. NeuroImage, 2016, 141, 517-529.	2.1	22
688	Altered <sc>fMRI</sc> restingâ€state connectivity in individuals with fibromyalgia on acute pain stimulation. European Journal of Pain, 2016, 20, 1079-1089.	1.4	47
689	Correlated interâ€regional variations in low frequency local field potentials and resting state BOLD signals within S1 cortex of monkeys. Human Brain Mapping, 2016, 37, 2755-2766.	1.9	20
690	Dynamic nuclear magnetic resonance field sensing with part-per-trillion resolution. Nature Communications, 2016, 7, 13702.	5.8	33
691	Aberrant intrinsic functional connectivity within and between corticostriatal and temporalâ€parietal networks in adults and youth with bipolar disorder. Psychological Medicine, 2016, 46, 1509-1522.	2.7	47
692	Local and global contributions to hemodynamic activity in mouse cortex. Journal of Neurophysiology, 2016, 115, 2931-2936.	0.9	27
693	How the heart speaks to the brain: neural activity during cardiorespiratory interoceptive stimulation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20160017.	1.8	55
694	Differential effect of age on posterior and anterior hippocampal functional connectivity. NeuroImage, 2016, 133, 468-476.	2.1	72
695	Functional connectivity and network analysis of midbrain and brainstem nuclei. NeuroImage, 2016, 134, 53-63.	2.1	117
696	Spontaneous physiological variability modulates dynamic functional connectivity in resting-state functional magnetic resonance imaging. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150183.	1.6	41
697	Complex-valued time-series correlation increases sensitivity in fMRI analysis. Magnetic Resonance Imaging, 2016, 34, 765-770.	1.0	9
698	Global signal modulation of single-trial fMRI response variability: Effect on positive vs negative BOLD response relationship. NeuroImage, 2016, 133, 62-74.	2.1	22
699	Modern Methods for Interrogating the Human Connectome. Journal of the International Neuropsychological Society, 2016, 22, 105-119.	1.2	24
700	Progression to deep sleep is characterized by changes to BOLD dynamics in sensory cortices. NeuroImage, 2016, 130, 293-305.	2.1	18
701	The pulsatility volume index: an indicator of cerebrovascular compliance based on fast magnetic resonance imaging of cardiac and respiratory pulsatility. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150184.	1.6	17

#	ARTICLE	IF	CITATIONS
702	Brain-heart interactions: challenges and opportunities with functional magnetic resonance imaging at ultra-high field. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150188.	1.6	26
703	Sensitivity of the resting-state haemodynamic response function estimation to autonomic nervous system fluctuations. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150190.	1.6	26
704	Globally conditioned Granger causality in brain-brain and brain-heart interactions: a combined heart rate variability/ultra-high-field (7 T) functional magnetic resonance imaging study. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150185.	1.6	42
705	Chasing probabilities - Signaling negative and positive prediction errors across domains. <i>NeuroImage</i> , 2016, 134, 180-191.	2.1	12
706	FIACH: A biophysical model for automatic retrospective noise control in fMRI. <i>NeuroImage</i> , 2016, 124, 1009-1020.	2.1	53
707	Awake reactivation of emotional memory traces through hippocampal-neocortical interactions. <i>NeuroImage</i> , 2016, 134, 563-572.	2.1	77
708	Thalamic Functional Connectivity in Mild Traumatic Brain Injury: Longitudinal Associations With Patient-Reported Outcomes and Neuropsychological Tests. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016, 97, 1254-1261.	0.5	36
709	The Insula Mediates Access to Awareness of Visual Stimuli Presented Synchronously to the Heartbeat. <i>Journal of Neuroscience</i> , 2016, 36, 5115-5127.	1.7	138
710	Tuning the Brake While Raising the Stake: Network Dynamics during Sequential Decision-Making. <i>Journal of Neuroscience</i> , 2016, 36, 5417-5426.	1.7	25
711	Quantitative mapping of cerebrovascular reactivity using resting-state BOLD fMRI: Validation in healthy adults. <i>NeuroImage</i> , 2016, 138, 147-163.	2.1	84
712	Disentangling the roles of arousal and amygdala activation in emotional declarative memory. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1471-1480.	1.5	27
713	Marker-based ballistocardiographic artifact correction improves spike identification in EEG-fMRI of focal epilepsy patients. <i>Clinical Neurophysiology</i> , 2016, 127, 2802-2811.	0.7	7
714	Noise contributions to the fMRI signal: An overview. <i>NeuroImage</i> , 2016, 143, 141-151.	2.1	227
715	Neural Signatures of Value Comparison in Human Cingulate Cortex during Decisions Requiring an Effort-Reward Trade-off. <i>Journal of Neuroscience</i> , 2016, 36, 10002-10015.	1.7	187
716	fMRI of Emotion. <i>NeuroMethods</i> , 2016, , 451-494.	0.2	1
717	fMRI in Epilepsy. <i>NeuroMethods</i> , 2016, , 741-799.	0.2	1
718	Selection of Optimal Pulse Sequences for fMRI. <i>NeuroMethods</i> , 2016, , 69-111.	0.2	0
720	Statistical Analysis of fMRI Data. <i>NeuroMethods</i> , 2016, , 183-239.	0.2	1

#	ARTICLE	IF	CITATIONS
721	Functional Neuroimaging in Migraine: Chances and Challenges. <i>Headache</i> , 2016, 56, 1474-1481.	1.8	30
722	Evaluation of multi-echo ICA denoising for task based fMRI studies: Block designs, rapid event-related designs, and cardiac-gated fMRI. <i>NeuroImage</i> , 2016, 141, 452-468.	2.1	49
723	Neural Responses to Heartbeats in the Default Network Encode the Self in Spontaneous Thoughts. <i>Journal of Neuroscience</i> , 2016, 36, 7829-7840.	1.7	141
724	Dopaminergic receptor blockade changes a functional connectivity network centred on the amygdala. <i>Human Brain Mapping</i> , 2016, 37, 4148-4157.	1.9	4
725	Repeated movie viewings produce similar local activity patterns but different network configurations. <i>NeuroImage</i> , 2016, 142, 613-627.	2.1	24
726	Catecholaminergic Neuromodulation Shapes Intrinsic MRI Functional Connectivity in the Human Brain. <i>Journal of Neuroscience</i> , 2016, 36, 7865-7876.	1.7	75
727	Brain Activity and Functional Connectivity Associated with Hypnosis. <i>Cerebral Cortex</i> , 2017, 27, 4083-4093.	1.6	98
728	How to Interpret and Critique Neuroimaging Research: A Tutorial on Use of Functional Magnetic Resonance Imaging in Clinical Populations. <i>American Journal of Speech-Language Pathology</i> , 2016, 25, 269-289.	0.9	2
729	Whispering - The hidden side of auditory communication. <i>NeuroImage</i> , 2016, 142, 602-612.	2.1	9
730	Functional magnetic resonance imaging of the cervical spinal cord during thermal stimulation across consecutive runs. <i>NeuroImage</i> , 2016, 143, 267-279.	2.1	26
731	Human Orbitofrontal Cortex Represents a Cognitive Map of State Space. <i>Neuron</i> , 2016, 91, 1402-1412.	3.8	419
732	A linear model for event-related respiration responses. <i>Journal of Neuroscience Methods</i> , 2016, 270, 147-155.	1.3	16
733	Neurocognitive Effects of Transcranial Direct Current Stimulation in Arithmetic Learning and Performance: A Simultaneous tDCS-fMRI Study. <i>Brain Stimulation</i> , 2016, 9, 850-858.	0.7	27
734	Effects of anesthesia on resting state BOLD signals in white matter of non-human primates. <i>Magnetic Resonance Imaging</i> , 2016, 34, 1235-1241.	1.0	32
735	Systematic variation of population receptive field properties across cortical depth in human visual cortex. <i>NeuroImage</i> , 2016, 139, 427-438.	2.1	67
736	Resting-State Functional MRI. , 2016, , 247-262.		0
737	Amygdala and auditory cortex exhibit distinct sensitivity to relevant acoustic features of auditory emotions. <i>Cortex</i> , 2016, 85, 116-125.	1.1	27
738	Exploring spatiotemporal dynamics of the human brain by multimodal imaging. , 2016, 2016, 57-60.		1

#	ARTICLE	IF	CITATIONS
740	Quetiapine Extended Release Open-Label Treatment Associated Changes in Amygdala Activation and Connectivity in Anxious Depression. <i>Journal of Clinical Psychopharmacology</i> , 2016, 36, 562-571.	0.7	13
741	Reduced field of view imaging using a static second-order gradient for functional MRI applications. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 817-822.	1.9	6
742	Three-dimensional echo planar imaging with controlled aliasing: A sequence for high temporal resolution functional MRI. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 2350-2361.	1.9	53
743	Subregional differences in intrinsic amygdala hyperconnectivity and hypoconnectivity in autism spectrum disorder. <i>Autism Research</i> , 2016, 9, 760-772.	2.1	45
744	Preprocessing strategy influences graph-based exploration of altered functional networks in major depression. <i>Human Brain Mapping</i> , 2016, 37, 1422-1442.	1.9	29
745	Persistence of Amygdala-Hippocampal Connectivity and Multi-Voxel Correlation Structures During Awake Rest After Fear Learning Predicts Long-Term Expression of Fear. <i>Cerebral Cortex</i> , 2017, 27, bhw145.	1.6	65
746	It's a matter of time: Reframing the development of cognitive control as a modification of the brain's temporal dynamics. <i>Developmental Cognitive Neuroscience</i> , 2016, 18, 70-77.	1.9	46
747	Automatic EEG-assisted retrospective motion correction for fMRI (aE-REMCOR). <i>NeuroImage</i> , 2016, 129, 133-147.	2.1	26
748	Correlation between amygdala BOLD activity and frontal EEG asymmetry during real-time fMRI neurofeedback training in patients with depression. <i>NeuroImage: Clinical</i> , 2016, 11, 224-238.	1.4	125
749	Reproducibility of resting state spinal cord networks in healthy volunteers at 7 Tesla. <i>NeuroImage</i> , 2016, 133, 31-40.	2.1	62
750	Altered functional connectivity of the amygdaloid input nuclei in adolescents and young adults with autism spectrum disorder: a resting state fMRI study. <i>Molecular Autism</i> , 2016, 7, 13.	2.6	71
751	Fat-suppressed alternating-SSFP for whole-brain fMRI using breath-hold and visual stimulus paradigms. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1978-1988.	1.9	4
752	Comparison of peripheral near-infrared spectroscopy low-frequency oscillations to other denoising methods in resting state functional MRI with ultrahigh temporal resolution. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 1697-1707.	1.9	36
753	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.	1.6	81
754	Interoceptive awareness changes the posterior insula functional connectivity profile. <i>Brain Structure and Function</i> , 2016, 221, 1555-1571.	1.2	105
755	Alterations in default-mode network connectivity may be influenced by cerebrovascular changes within 1 week of sports related concussion in college varsity athletes: a pilot study. <i>Brain Imaging and Behavior</i> , 2016, 10, 559-568.	1.1	72
756	The temporal structure of resting-state brain activity in the medial prefrontal cortex predicts self-consciousness. <i>Neuropsychologia</i> , 2016, 82, 161-170.	0.7	87
757	Influence of the cortical midline structures on moral emotion and motivation in moral decision-making. <i>Behavioural Brain Research</i> , 2016, 302, 237-251.	1.2	51

#	ARTICLE	IF	CITATIONS
758	Bilateral Transcranial Direct Current Stimulation Language Treatment Enhances Functional Connectivity in the Left Hemisphere: Preliminary Data from Aphasia. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 724-738.	1.1	90
759	A novel Bayesian approach to accounting for uncertainty in fMRI-derived estimates of cerebral oxygen metabolism fluctuations. <i>NeuroImage</i> , 2016, 129, 198-213.	2.1	14
760	Local and Global Resting State Activity in the Noradrenergic and Dopaminergic Pathway Modulated by Reboxetine and Amisulpride in Healthy Subjects. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyv080.	1.0	27
761	Deep sleep divides the cortex into opposite modes of anatomical functional coupling. <i>Brain Structure and Function</i> , 2016, 221, 4221-4234.	1.2	51
762	The quest for the best: The impact of different EPI sequences on the sensitivity of random effect fMRI group analyses. <i>NeuroImage</i> , 2016, 126, 49-59.	2.1	55
763	Multimodal description of whole brain connectivity: A comparison of resting state MEG, fMRI, and DWI. <i>Human Brain Mapping</i> , 2016, 37, 20-34.	1.9	68
764	Differential Resting-State Functional Connectivity of Striatal Subregions in Bipolar Depression and Hypomania. <i>Brain Connectivity</i> , 2016, 6, 255-265.	0.8	77
765	Network analysis of functional brain connectivity in borderline personality disorder using resting-state fMRI. <i>NeuroImage: Clinical</i> , 2016, 11, 302-315.	1.4	79
766	Causal relationship between effective connectivity within the default mode network and mind-wandering regulation and facilitation. <i>NeuroImage</i> , 2016, 133, 21-30.	2.1	63
767	Direct neural current imaging in an intact cerebellum with magnetic resonance imaging. <i>NeuroImage</i> , 2016, 132, 477-490.	2.1	27
768	Impact of task-related changes in heart rate on estimation of hemodynamic response and model fit. <i>NeuroImage</i> , 2016, 132, 455-468.	2.1	7
769	Decoding fMRI Signatures of Real-world Autobiographical Memory Retrieval. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 604-620.	1.1	68
770	History of childhood maltreatment augments dorsolateral prefrontal processing of emotional valence in PTSD. <i>Journal of Psychiatric Research</i> , 2016, 74, 45-54.	1.5	25
771	Cerebellar BOLD signal during the acquisition of a new lexicon predicts its early consolidation. <i>Brain and Language</i> , 2016, 161, 33-44.	0.8	17
772	Wavelet-based clustering of resting state MRI data in the rat. <i>Magnetic Resonance Imaging</i> , 2016, 34, 35-43.	1.0	17
773	The absolute CBF response to activation is preserved during elevated perfusion: Implications for neurovascular coupling measures. <i>NeuroImage</i> , 2016, 125, 198-207.	2.1	50
774	Anterior insula coordinates hierarchical processing of tactile mismatch responses. <i>NeuroImage</i> , 2016, 127, 34-43.	2.1	99
775	Negative emotions facilitate isometric force through activation of prefrontal cortex and periaqueductal gray. <i>NeuroImage</i> , 2016, 124, 627-640.	2.1	26

#	ARTICLE	IF	CITATIONS
776	Reconstructing Large-Scale Brain Resting-State Networks from High-Resolution EEG: Spatial and Temporal Comparisons with fMRI. <i>Brain Connectivity</i> , 2016, 6, 122-135.	0.8	62
777	Sensitivity enhancement of task-evoked fMRI using ensemble empirical mode decomposition. <i>Journal of Neuroscience Methods</i> , 2016, 258, 56-66.	1.3	7
778	Altered thalamocortical and intra-thalamic functional connectivity during light sleep compared with wake. <i>NeuroImage</i> , 2016, 125, 657-667.	2.1	41
779	Lateralization of cervical spinal cord activity during an isometric upper extremity motor task with functional magnetic resonance imaging. <i>NeuroImage</i> , 2016, 125, 233-243.	2.1	48
780	Disrupted sensorimotor and social cognitive networks underlie symptoms in childhood-onset schizophrenia. <i>Brain</i> , 2016, 139, 276-291.	3.7	95
781	Differences in the resting-state fMRI global signal amplitude between the eyes open and eyes closed states are related to changes in EEG vigilance. <i>NeuroImage</i> , 2016, 124, 24-31.	2.1	107
782	Optogenetic fMRI in the mouse hippocampus: Hemodynamic response to brief glutamatergic stimuli. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 629-638.	2.4	12
783	Functional Connectivity Is Associated With Altered Brain Chemistry in Women With Endometriosis-Associated Chronic Pelvic Pain. <i>Journal of Pain</i> , 2016, 17, 1-13.	0.7	135
784	Regional Homogeneity. <i>Neuroscientist</i> , 2016, 22, 486-505.	2.6	228
785	Age-dependent and -independent changes in attention-deficit/hyperactivity disorder (ADHD) during spatial working memory performance. <i>World Journal of Biological Psychiatry</i> , 2017, 18, 279-290.	1.3	14
786	Functional connectivity associated with social networks in older adults: A resting-state fMRI study. <i>Social Neuroscience</i> , 2017, 12, 242-252.	0.7	29
787	Multiway Array Decomposition of EEG Spectrum: Implications of Its Stability for the Exploration of Large-Scale Brain Networks. <i>Neural Computation</i> , 2017, 29, 968-989.	1.3	9
788	Noise and non-neuronal contributions to the BOLD signal: applications to and insights from animal studies. <i>NeuroImage</i> , 2017, 154, 267-281.	2.1	28
789	Large-scale cortico-subcortical functional networks in focal epilepsies: The role of the basal ganglia. <i>NeuroImage: Clinical</i> , 2017, 14, 28-36.	1.4	47
790	Weak functional connectivity in the human fetal brain prior to preterm birth. <i>Scientific Reports</i> , 2017, 7, 39286.	1.6	128
791	Opioid suppression of conditioned anticipatory brain responses to breathlessness. <i>NeuroImage</i> , 2017, 150, 383-394.	2.1	52
792	Dissociated patterns of anti-correlations with dorsal and ventral default mode networks at rest. <i>Human Brain Mapping</i> , 2017, 38, 2454-2465.	1.9	52
793	Confirmation of resting-state BOLD fluctuations in the human brainstem and spinal cord after identification and removal of physiological noise. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 2149-2156.	1.9	40

#	ARTICLE	IF	CITATIONS
794	The global signal in fMRI: Nuisance or Information?. <i>NeuroImage</i> , 2017, 150, 213-229.	2.1	339
795	Optimizing fMRI preprocessing pipelines for block-design tasks as a function of age. <i>NeuroImage</i> , 2017, 154, 240-254.	2.1	23
796	Functional connectivity and activity of white matter in somatosensory pathways under tactile stimulations. <i>NeuroImage</i> , 2017, 152, 371-380.	2.1	55
797	Population-Level Correction of Systematic Motion Artifacts in fMRI in Patients with Ischemic Stroke. <i>Journal of Neuroimaging</i> , 2017, 27, 397-408.	1.0	3
798	Impact of physiological noise correction on detecting blood oxygenation level-dependent contrast in the breast. <i>Physics in Medicine and Biology</i> , 2017, 62, 127-145.	1.6	1
799	Don't fear fear conditioning™: Methodological considerations for the design and analysis of studies on human fear acquisition, extinction, and return of fear. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 77, 247-285.	2.9	543
800	Physiology recording with magnetic field probes for fMRI denoising. <i>NeuroImage</i> , 2017, 154, 106-114.	2.1	8
801	Higher body mass index is associated with reduced posterior default mode connectivity in older adults. <i>Human Brain Mapping</i> , 2017, 38, 3502-3515.	1.9	56
802	Improved 7 Tesla resting-state fMRI connectivity measurements by cluster-based modeling of respiratory volume and heart rate effects. <i>NeuroImage</i> , 2017, 153, 262-272.	2.1	14
803	Resting-State BOLD MRI for Perfusion and Ischemia. <i>Topics in Magnetic Resonance Imaging</i> , 2017, 26, 91-96.	0.7	24
804	Multi-echo EPI of human fear conditioning reveals improved BOLD detection in ventromedial prefrontal cortex. <i>NeuroImage</i> , 2017, 156, 65-77.	2.1	11
805	Effect of confounding variables on hemodynamic response function estimation using averaging and deconvolution analysis: An event-related NIRS study. <i>NeuroImage</i> , 2017, 155, 25-49.	2.1	26
806	High spatial correspondence at a columnar level between activation and resting state fMRI signals and local field potentials. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5253-5258.	3.3	27
807	High-resolution functional MRI identified distinct global intrinsic functional networks of nociceptive posterior insula and S2 regions in squirrel monkey brain. <i>NeuroImage</i> , 2017, 155, 147-158.	2.1	25
808	Dynamic spatiotemporal variability of alpha-BOLD relationships during the resting-state and task-evoked responses. <i>NeuroImage</i> , 2017, 155, 120-137.	2.1	19
809	Magnetic resonance imaging connectivity for the prediction of seizure outcome in temporal lobe epilepsy. <i>Epilepsia</i> , 2017, 58, 1251-1260.	2.6	62
810	Instability of default mode network connectivity in major depression: a two-sample confirmation study. <i>Translational Psychiatry</i> , 2017, 7, e1105-e1105.	2.4	184
811	Higher Heart-Rate Variability Is Associated with Ventromedial Prefrontal Cortex Activity and Increased Resistance to Temptation in Dietary Self-Control Challenges. <i>Journal of Neuroscience</i> , 2017, 37, 446-455.	1.7	40

#	ARTICLE	IF	CITATIONS
812	Post-stimulus fMRI and EEG responses: Evidence for a neuronal origin hypothesised to be inhibitory. <i>NeuroImage</i> , 2017, 157, 388-399.	2.1	40
813	Functional connectivity disturbances of the ascending reticular activating system in temporal lobe epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 925-932.	0.9	62
814	Challenges in measuring individual differences in functional connectivity using fMRI: The case of healthy aging. <i>Human Brain Mapping</i> , 2017, 38, 4125-4156.	1.9	158
815	Modulation of brainstem activity and connectivity by respiratory-gated auricular vagal afferent nerve stimulation in migraine patients. <i>Pain</i> , 2017, 158, 1461-1472.	2.0	99
816	Right Lateral Cerebellum Represents Linguistic Predictability. <i>Journal of Neuroscience</i> , 2017, 37, 6231-6241.	1.7	70
817	The large-scale functional connectivity correlates of consciousness and arousal during the healthy and pathological human sleep cycle. <i>NeuroImage</i> , 2017, 160, 55-72.	2.1	77
818	Analysis and correction of field fluctuations in fMRI data using field monitoring. <i>NeuroImage</i> , 2017, 154, 92-105.	2.1	38
819	A Unified Theory of Neuro-MRI Data Shows Scale-Free Nature of Connectivity Modes. <i>Neural Computation</i> , 2017, 29, 1441-1467.	1.3	12
820	Robust presurgical functional <scp>MRI</scp> at 7 <scp>T</scp> using response consistency. <i>Human Brain Mapping</i> , 2017, 38, 3163-3174.	1.9	5
821	Comparing functional <scp>MRI</scp> protocols for small, iron-rich basal ganglia nuclei such as the subthalamic nucleus at 7 <scp>T</scp> and 3 <scp>T</scp>. <i>Human Brain Mapping</i> , 2017, 38, 3226-3248.	1.9	76
822	Emerging Frontiers of Neuroengineering: A Network Science of Brain Connectivity. <i>Annual Review of Biomedical Engineering</i> , 2017, 19, 327-352.	5.7	49
823	Multi-echo fMRI: A review of applications in fMRI denoising and analysis of BOLD signals. <i>NeuroImage</i> , 2017, 154, 59-80.	2.1	238
824	Assessing fear learning via conditioned respiratory amplitude responses. <i>Psychophysiology</i> , 2017, 54, 215-223.	1.2	23
825	A task-related and resting state realistic fMRI simulator for fMRI data validation. <i>Proceedings of SPIE</i> , 2017, , .	0.8	7
826	A Bayesian Double Fusion Model for Resting-State Brain Connectivity Using Joint Functional and Structural Data. <i>Brain Connectivity</i> , 2017, 7, 219-227.	0.8	16
828	Monitoring cardiac and respiratory physiology during FMRI. <i>NeuroImage</i> , 2017, 154, 81-91.	2.1	15
829	Potential pitfalls when denoising resting state fMRI data using nuisance regression. <i>NeuroImage</i> , 2017, 154, 159-168.	2.1	105
830	Methods for cleaning the BOLD fMRI signal. <i>NeuroImage</i> , 2017, 154, 128-149.	2.1	450

#	ARTICLE	IF	CITATIONS
831	Impacting the effect of fMRI noise through hardware and acquisition choices – Implications for controlling false positive rates. <i>NeuroImage</i> , 2017, 154, 15-22.	2.1	38
832	Investigating resting-state functional connectivity in the cervical spinal cord at 3 T. <i>NeuroImage</i> , 2017, 147, 589-601.	2.1	68
833	Elderly adults show higher ventral striatal activation in response to motor performance related rewards than young adults. <i>Neuroscience Letters</i> , 2017, 661, 18-22.	1.0	6
834	Resting State Functional Connectivity Signature of Treatment Effects of Repetitive Transcranial Magnetic Stimulation in Mal de Debarquement Syndrome. <i>Brain Connectivity</i> , 2017, 7, 617-626.	0.8	26
835	Interactions between brain and spinal cord mediate value effects in placebo hyperalgesia. <i>Science</i> , 2017, 358, 105-108.	6.0	148
836	Functional networks and network perturbations in rodents. <i>NeuroImage</i> , 2017, 163, 419-436.	2.1	55
837	Retrospective Head Motion Estimation in Structural Brain MRI with 3D CNNs. <i>Lecture Notes in Computer Science</i> , 2017, , 314-322.	1.0	6
838	Sensory overload and imbalance: Resting-state vestibular connectivity in PTSD and its dissociative subtype. <i>Neuropsychologia</i> , 2017, 106, 169-178.	0.7	40
839	Rapid whole-brain resting-state fMRI at 3T: Efficiency-optimized three-dimensional EPI versus repetition time-matched simultaneous-multi-slice EPI. <i>NeuroImage</i> , 2017, 163, 81-92.	2.1	39
840	Trajectories of brain system maturation from childhood to older adulthood: Implications for lifespan cognitive functioning. <i>NeuroImage</i> , 2017, 163, 125-149.	2.1	40
841	Methods and Considerations for Dynamic Analysis of Functional MR Imaging Data. <i>Neuroimaging Clinics of North America</i> , 2017, 27, 547-560.	0.5	31
842	Age differences in brain signal variability are robust to multiple vascular controls. <i>Scientific Reports</i> , 2017, 7, 10149.	1.6	64
843	Impact of the heart rate on the shape of the cardiac response function. <i>NeuroImage</i> , 2017, 162, 214-225.	2.1	7
844	Thermosensory Perceptual Learning Is Associated with Structural Brain Changes in Parietal–Opercular (SII) Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 9380-9388.	1.7	14
845	Sleep onset uncovers thalamic abnormalities in patients with idiopathic generalised epilepsy. <i>NeuroImage: Clinical</i> , 2017, 16, 52-57.	1.4	15
846	Influence of physiological noise on accelerated 2D and 3D resting state functional MRI data at 7T. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 888-896.	1.9	34
847	On wakefulness fluctuations as a source of BOLD functional connectivity dynamics. <i>Scientific Reports</i> , 2017, 7, 5908.	1.6	82
848	Decoding fMRI events in sensorimotor motor network using sparse paradigm free mapping and activation likelihood estimates. <i>Human Brain Mapping</i> , 2017, 38, 5778-5794.	1.9	10

#	ARTICLE	IF	CITATIONS
849	Separate mesocortical and mesolimbic pathways encode effort and reward learning signals. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7395-E7404.	3.3	107
850	Neural bases of ingroup altruistic motivation in soccer fans. Scientific Reports, 2017, 7, 16122.	1.6	18
851	Reprint of 'Noise contributions to the fMRI signal: An Overview'. NeuroImage, 2017, 154, 4-14.	2.1	11
852	Organization and hierarchy of the human functional brain network lead to a chain-like core. Scientific Reports, 2017, 7, 4888.	1.6	19
853	Improving sensitivity of task-fMRI by use of reciprocal information from peripheral near infrared spectroscopy (NIRS) measurements. , 2017, , .		0
854	Impact of automated ICA-based denoising of fMRI data in acute stroke patients. NeuroImage: Clinical, 2017, 16, 23-31.	1.4	21
855	Increased Stability and Breakdown of Brain Effective Connectivity During Slow-Wave Sleep: Mechanistic Insights from Whole-Brain Computational Modelling. Scientific Reports, 2017, 7, 4634.	1.6	90
856	Third-person self-talk facilitates emotion regulation without engaging cognitive control: Converging evidence from ERP and fMRI. Scientific Reports, 2017, 7, 4519.	1.6	63
857	Study protocol: Insight 46 " a neuroscience sub-study of the MRC National Survey of Health and Development. BMC Neurology, 2017, 17, 75.	0.8	64
858	Dynamic functional connectivity in bipolar disorder is associated with executive function and processing speed: A preliminary study.. Neuropsychology, 2017, 31, 73-83.	1.0	89
859	The PhysIO Toolbox for Modeling Physiological Noise in fMRI Data. Journal of Neuroscience Methods, 2017, 276, 56-72.	1.3	289
860	Reduction of Motion Artifacts and Noise Using Independent Component Analysis in Task-Based Functional MRI for Preoperative Planning in Patients with Brain Tumor. American Journal of Neuroradiology, 2017, 38, 336-342.	1.2	12
861	Sources and implications of whole-brain fMRI signals in humans. NeuroImage, 2017, 146, 609-625.	2.1	446
862	How emotion context modulates unconscious goal activation during motor force exertion. NeuroImage, 2017, 146, 904-917.	2.1	10
863	Variance decomposition for single-subject task-based fMRI activity estimates across many sessions. NeuroImage, 2017, 154, 206-218.	2.1	13
864	Resting state connectivity of the human habenula at ultra-high field. NeuroImage, 2017, 147, 872-879.	2.1	58
865	Intrinsic functional connectivity between amygdala and hippocampus during rest predicts enhanced memory under stress. Psychoneuroendocrinology, 2017, 75, 192-202.	1.3	44
866	Reduced insula habituation associated with amplification of trigeminal brainstem input in migraine. Cephalalgia, 2017, 37, 1026-1038.	1.8	26

#	ARTICLE	IF	CITATIONS
867	A simple but useful way to assess fMRI scan qualities. <i>NeuroImage</i> , 2017, 154, 150-158.	2.1	110
868	Phase-amplitude coupling at the organism level: The amplitude of spontaneous alpha rhythm fluctuations varies with the phase of the infra-slow gastric basal rhythm. <i>NeuroImage</i> , 2017, 146, 951-958.	2.1	102
869	Measuring vascular reactivity with resting-state blood oxygenation level-dependent (BOLD) signal fluctuations: A potential alternative to the breath-holding challenge?. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2526-2538.	2.4	48
870	Enhanced subject-specific resting-state network detection and extraction with fast fMRI. <i>Human Brain Mapping</i> , 2017, 38, 817-830.	1.9	17
871	Denosing spinal cord fMRI data: Approaches to acquisition and analysis. <i>NeuroImage</i> , 2017, 154, 255-266.	2.1	49
872	Towards a consensus regarding global signal regression for resting state functional connectivity MRI. <i>NeuroImage</i> , 2017, 154, 169-173.	2.1	852
873	Nuisance Regression of High-Frequency Functional Magnetic Resonance Imaging Data: Denosing Can Be Noisy. <i>Brain Connectivity</i> , 2017, 7, 13-24.	0.8	31
874	Cerebrovascular reactivity mapping without gas challenges. <i>NeuroImage</i> , 2017, 146, 320-326.	2.1	101
875	Physiological noise correction using ECG-derived respiratory signals for enhanced mapping of spontaneous neuronal activity with simultaneous EEG-fMRI. <i>NeuroImage</i> , 2017, 154, 115-127.	2.1	25
876	Self-regulation of primary motor cortex activity with motor imagery induces functional connectivity modulation: A real-time fMRI neurofeedback study. , 2017, 2017, 4147-4150.		2
877	Biased and unbiased perceptual decision-making on vocal emotions. <i>Scientific Reports</i> , 2017, 7, 16274.	1.6	12
878	The impact of diverse preprocessing pipelines on brain functional connectivity. , 2017, , .		3
879	Direct modulation of aberrant brain network connectivity through real-time NeuroFeedback. <i>ELife</i> , 2017, 6, .	2.8	97
880	Altered Insular and Occipital Responses to Simulated Vertical Self-Motion in Patients with Persistent Postural-Perceptual Dizziness. <i>Frontiers in Neurology</i> , 2017, 8, 529.	1.1	74
881	Effect of Continuous Touch on Brain Functional Connectivity Is Modified by the Operator's Tactile Attention. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 368.	1.0	39
882	Tablet-Based Functional MRI of the Trail Making Test: Effect of Tablet Interaction Mode. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 496.	1.0	23
883	Variational Bayesian Parameter Estimation Techniques for the General Linear Model. <i>Frontiers in Neuroscience</i> , 2017, 11, 504.	1.4	9
884	The Effect of Low-Frequency Physiological Correction on the Reproducibility and Specificity of Resting-State fMRI Metrics: Functional Connectivity, ALFF, and ReHo. <i>Frontiers in Neuroscience</i> , 2017, 11, 546.	1.4	55

#	ARTICLE	IF	CITATIONS
885	Functional Brain Activation in Response to a Clinical Vestibular Test Correlates with Balance. <i>Frontiers in Systems Neuroscience</i> , 2017, 11, 11.	1.2	19
886	Dynamic modulation of decision biases by brainstem arousal systems. <i>ELife</i> , 2017, 6, .	2.8	218
887	Thalamo-Sensorimotor Functional Connectivity Correlates with World Ranking of Olympic, Elite, and High Performance Athletes. <i>Neural Plasticity</i> , 2017, 2017, 1-10.	1.0	12
888	Comparing resting state fMRI de-noising approaches using multi- and single-echo acquisitions. <i>PLoS ONE</i> , 2017, 12, e0173289.	1.1	79
889	Distinct prediction errors in mesostriatal circuits of the human brain mediate learning about the values of both states and actions: evidence from high-resolution fMRI. <i>PLoS Computational Biology</i> , 2017, 13, e1005810.	1.5	16
890	Ultra-Slow Single-Vessel BOLD and CBV-Based fMRI Spatiotemporal Dynamics and Their Correlation with Neuronal Intracellular Calcium Signals. <i>Neuron</i> , 2018, 97, 925-939.e5.	3.8	113
891	Thalamic functional connectivity and its association with behavioral performance in older age. <i>Brain and Behavior</i> , 2018, 8, e00943.	1.0	19
892	Assessing denoising strategies to increase signal to noise ratio in spinal cord and in brain cortical and subcortical regions. <i>Journal of Instrumentation</i> , 2018, 13, C02028-C02028.	0.5	6
893	Real-time fMRI neurofeedback training of the amygdala activity with simultaneous EEG in veterans with combat-related PTSD. <i>NeuroImage: Clinical</i> , 2018, 19, 106-121.	1.4	94
895	The salience of self, not social pain, is encoded by dorsal anterior cingulate and insula. <i>Scientific Reports</i> , 2018, 8, 6165.	1.6	49
896	Smiling faces and cash bonuses: Exploring common affective coding across positive and negative emotional and motivational stimuli using fMRI. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018, 18, 550-563.	1.0	19
897	Multiple sclerosis lesions affect intrinsic functional connectivity of the spinal cord. <i>Brain</i> , 2018, 141, 1650-1664.	3.7	44
898	A Combination of Essential Fatty Acids, Panax Ginseng Extract, and Green Tea Catechins Modifies Brain fMRI Signals in Healthy Older Adults. <i>Journal of Nutrition, Health and Aging</i> , 2018, 22, 837-846.	1.5	16
899	Joint Estimation of Effective Brain Wave Activation Modes Using EEG/MEG Sensor Arrays and Multimodal MRI Volumes. <i>Neural Computation</i> , 2018, 30, 1725-1749.	1.3	5
900	Cardiorespiratory noise correction improves the ASL signal. <i>Human Brain Mapping</i> , 2018, 39, 2353-2367.	1.9	4
901	Accounting for Non-Gaussian Sources of Spatial Correlation in Parametric Functional Magnetic Resonance Imaging Paradigms II: A Method to Obtain First-Level Analysis Residuals with Uniform and Gaussian Spatial Autocorrelation Function and Independent and Identically Distributed Time-Series. <i>Brain Connectivity</i> , 2018, 8, 10-21.	0.8	7
902	Cardiac-triggered pseudo-continuous arterial spin labeling: A cost-effective scheme to further enhance the reliability of arterial spin labeling MRI. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 969-975.	1.9	10
903	Timescales of Intrinsic BOLD Signal Dynamics and Functional Connectivity in Pharmacologic and Neuropathologic States of Unconsciousness. <i>Journal of Neuroscience</i> , 2018, 38, 2304-2317.	1.7	66

#	ARTICLE	IF	CITATIONS
904	Extended amygdala connectivity changes during sustained shock anticipation. <i>Translational Psychiatry</i> , 2018, 8, 33.	2.4	39
905	Identifying musical pieces from fMRI data using encoding and decoding models. <i>Scientific Reports</i> , 2018, 8, 2266.	1.6	22
906	Exploring the advantages of multiband fMRI with simultaneous EEG to investigate coupling between gamma frequency neural activity and the BOLD response in humans. <i>Human Brain Mapping</i> , 2018, 39, 1673-1687.	1.9	34
907	Discrete Modules and Mesoscale Functional Circuits for Thermal Nociception within Primate S1 Cortex. <i>Journal of Neuroscience</i> , 2018, 38, 1774-1787.	1.7	10
908	EEG synchronization measures predict epilepsy-related BOLD-fMRI fluctuations better than commonly used univariate metrics. <i>Clinical Neurophysiology</i> , 2018, 129, 618-635.	0.7	30
909	Phantom Acupuncture Induces Placebo Credibility and Vicarious Sensations: A Parallel fMRI Study of Low Back Pain Patients. <i>Scientific Reports</i> , 2018, 8, 930.	1.6	27
910	Synchronization of intrinsic 0.1 Hz blood oxygen level dependent oscillations in amygdala and prefrontal cortex in subjects with increased state anxiety. <i>European Journal of Neuroscience</i> , 2018, 47, 417-426.	1.2	21
911	Altered task-based and resting-state amygdala functional connectivity following real-time fMRI amygdala neurofeedback training in major depressive disorder. <i>NeuroImage: Clinical</i> , 2018, 17, 691-703.	1.4	97
912	A Novel Group-Fused Sparse Partial Correlation Method for Simultaneous Estimation of Functional Networks in Group Comparison Studies. <i>Brain Topography</i> , 2018, 31, 364-379.	0.8	5
913	Simultaneous Multislice Resting-State Functional Magnetic Resonance Imaging at 3 Tesla: Slice-Acceleration-Related Biases in Physiological Effects. <i>Brain Connectivity</i> , 2018, 8, 82-93.	0.8	7
914	Brain signal variability is modulated as a function of internal and external demand in younger and older adults. <i>NeuroImage</i> , 2018, 169, 510-523.	2.1	70
915	Amygdala response to emotional faces in seasonal affective disorder. <i>Journal of Affective Disorders</i> , 2018, 229, 288-295.	2.0	8
916	Identifying and characterizing systematic temporally-lagged BOLD artifacts. <i>NeuroImage</i> , 2018, 171, 376-392.	2.1	49
917	Tracking resting state connectivity dynamics in veterans with PTSD. <i>NeuroImage: Clinical</i> , 2018, 19, 260-270.	1.4	33
918	Contribution of systemic vascular effects to fMRI activity in white matter. <i>NeuroImage</i> , 2018, 176, 541-549.	2.1	60
919	Pain Neuroimaging in Humans: A Primer for Beginners and Non-Imagers. <i>Journal of Pain</i> , 2018, 19, 961.e1-961.e21.	0.7	29
920	Template-based prediction of vigilance fluctuations in resting-state fMRI. <i>NeuroImage</i> , 2018, 174, 317-327.	2.1	65
921	Spatial-temporal-spectral EEG patterns of BOLD functional network connectivity dynamics. <i>Journal of Neural Engineering</i> , 2018, 15, 036025.	1.8	14

#	ARTICLE	IF	CITATIONS
922	How to choose the right MR sequence for your research question at 7 T and above?. <i>NeuroImage</i> , 2018, 168, 119-140.	2.1	41
923	Amide proton transfer CEST of the cervical spinal cord in multiple sclerosis patients at 3T. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 806-814.	1.9	52
924	Challenges and opportunities for brainstem neuroimaging with ultrahigh field MRI. <i>NeuroImage</i> , 2018, 168, 412-426.	2.1	121
925	Intrinsic functional connectivity of the central nucleus of the amygdala and bed nucleus of the stria terminalis. <i>NeuroImage</i> , 2018, 168, 392-402.	2.1	53
926	Pulse sequences and parallel imaging for high spatiotemporal resolution MRI at ultra-high field. <i>NeuroImage</i> , 2018, 168, 101-118.	2.1	47
927	Whole-brain connectivity dynamics reflect both task-specific and individual-specific modulation: A multitask study. <i>NeuroImage</i> , 2018, 180, 495-504.	2.1	56
928	Lithium monotherapy associated clinical improvement effects on amygdala-ventromedial prefrontal cortex resting state connectivity in bipolar disorder. <i>Journal of Affective Disorders</i> , 2018, 225, 4-12.	2.0	47
929	Spinal cord MRI at 7T. <i>NeuroImage</i> , 2018, 168, 437-451.	2.1	66
930	Serial correlations in single-subject fMRI with sub-second TR. <i>NeuroImage</i> , 2018, 166, 152-166.	2.1	61
931	Accounting for Non-Gaussian Sources of Spatial Correlation in Parametric Functional Magnetic Resonance Imaging Paradigms I: Revisiting Cluster-Based Inferences. <i>Brain Connectivity</i> , 2018, 8, 1-9.	0.8	10
932	Resting-state functional connectivity in the rat cervical spinal cord at 9.4 T. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 2773-2783.	1.9	18
933	High spatiotemporal resolution in functional MRI with 3D echo planar imaging using cylindrical excitation and a CAIPIRINHA undersampling pattern. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 2589-2596.	1.9	7
934	Thermal Stimulation Alters Cervical Spinal Cord Functional Connectivity in Humans. <i>Neuroscience</i> , 2018, 369, 40-50.	1.1	31
935	Real-time fMRI neurofeedback of the mediodorsal and anterior thalamus enhances correlation between thalamic BOLD activity and alpha EEG rhythm. <i>Human Brain Mapping</i> , 2018, 39, 1024-1042.	1.9	36
936	Retrospective Correction of Physiological Noise: Impact on Sensitivity, Specificity, and Reproducibility of Resting-State Functional Connectivity in a Reading Network Model. <i>Brain Connectivity</i> , 2018, 8, 94-105.	0.8	8
937	Dopamine drives left-hemispheric lateralization of neural networks during human speech. <i>Journal of Comparative Neurology</i> , 2018, 526, 920-931.	0.9	8
938	Perturbation of whole-brain dynamics in silico reveals mechanistic differences between brain states. <i>NeuroImage</i> , 2018, 169, 46-56.	2.1	83
939	Patch-based local learning method for cerebral blood flow quantification with arterial spin-labeling MRI. <i>Medical and Biological Engineering and Computing</i> , 2018, 56, 951-956.	1.6	4

#	ARTICLE	IF	CITATIONS
940	Neural and neuroendocrine predictors of pharmacological treatment response in adolescents with depression: A preliminary study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 194-202.	2.5	34
941	Cognitive and behavioral comorbidities in Rolandic epilepsy and their relation with default mode network's functional connectivity and organization. <i>Epilepsy and Behavior</i> , 2018, 78, 179-186.	0.9	27
942	Connectivity-Based Parcellation of the Amygdala Predicts Social Skills in Adolescents with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2018, 48, 572-582.	1.7	21
943	Neural coupling between contralesional motor and frontoparietal networks correlates with motor ability in individuals with chronic stroke. <i>Journal of the Neurological Sciences</i> , 2018, 384, 21-29.	0.3	27
944	Connectome-wide investigation of altered resting-state functional connectivity in war veterans with and without posttraumatic stress disorder. <i>NeuroImage: Clinical</i> , 2018, 17, 285-296.	1.4	45
945	Better and faster velocity pulsatility assessment in cerebral white matter perforating arteries with 7T quantitative flow MRI through improved slice profile, acquisition scheme, and postprocessing. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1473-1482.	1.9	34
946	Fast imaging for mapping dynamic networks. <i>NeuroImage</i> , 2018, 180, 547-558.	2.1	17
947	Topographic Reconfiguration of Local and Shared Information in Anesthetic-Induced Unconsciousness. <i>Entropy</i> , 2018, 20, 518.	1.1	4
948	Identifying Respiration-Related Aliasing Artifacts in the Rodent Resting-State fMRI. <i>Frontiers in Neuroscience</i> , 2018, 12, 788.	1.4	24
949	A practical protocol for measurements of spinal cord functional connectivity. <i>Scientific Reports</i> , 2018, 8, 16512.	1.6	24
950	Financial gain and loss related <scp>BOLD</scp> signals in the human ventral tegmental area and substantia nigra pars compacta. <i>European Journal of Neuroscience</i> , 2019, 49, 1196-1209.	1.2	3
951	The Effects of Global Signal Regression on Estimates of Resting-State Blood Oxygen-Level-Dependent Functional Magnetic Resonance Imaging and Electroencephalogram Vigilance Correlations. <i>Brain Connectivity</i> , 2018, 8, 618-627.	0.8	18
952	Measuring the Influence of Physiological Noise Corrections on ICA Derived Intrinsic Connectivity Brain Networks in Rest and Task fMRI. , 2018, 2018, 1046-1049.		4
953	fMRI BOLD Correlates of EEG Independent Components: Spatial Correspondence With the Default Mode Network. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 478.	1.0	13
954	Clinical application of advanced <scp>MR</scp> methods in children: points to consider. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 1434-1455.	1.7	14
955	Extending the Human Connectome Project across ages: Imaging protocols for the Lifespan Development and Aging projects. <i>NeuroImage</i> , 2018, 183, 972-984.	2.1	290
956	Functional Connectivity in Multiple Sclerosis: Recent Findings and Future Directions. <i>Frontiers in Neurology</i> , 2018, 9, 828.	1.1	66
957	The Use of Physiological Signals in Brainstem/Midbrain fMRI. <i>Frontiers in Neuroscience</i> , 2018, 12, 718.	1.4	8

#	ARTICLE	IF	CITATIONS
958	Attention-Related Brain Activation Is Altered in Older Adults With White Matter Hyperintensities Using Multi-Echo fMRI. <i>Frontiers in Neuroscience</i> , 2018, 12, 748.	1.4	18
959	Cardiac Cycle Estimation for BOLD-fMRI. <i>Lecture Notes in Computer Science</i> , 2018, , 267-274.	1.0	0
960	Real-time fMRI amygdala neurofeedback positive emotional training normalized resting-state functional connectivity in combat veterans with and without PTSD: a connectome-wide investigation. <i>NeuroImage: Clinical</i> , 2018, 20, 543-555.	1.4	50
961	Eye-Movement Intervention Enhances Extinction via Amygdala Deactivation. <i>Journal of Neuroscience</i> , 2018, 38, 8694-8706.	1.7	41
962	Technical note: can resting state functional MRI assist in routine clinical diagnosis?. <i>BJR case Reports</i> , 2018, 4, 20180030.	0.1	2
963	GLMdenoise improves multivariate pattern analysis of fMRI data. <i>NeuroImage</i> , 2018, 183, 606-616.	2.1	31
964	Different neural activities support auditory working memory in musicians and bilinguals. <i>Annals of the New York Academy of Sciences</i> , 2018, 1423, 435-446.	1.8	26
965	Relating structural and functional brainstem connectivity to disease measures in epilepsy. <i>Neurology</i> , 2018, 91, e67-e77.	1.5	48
966	Echoes of Affective Stimulation in Brain connectivity Networks. <i>Cerebral Cortex</i> , 2018, 28, 4365-4378.	1.6	13
967	On the relationship between instantaneous phase synchrony and correlation-based sliding windows for time-resolved fMRI connectivity analysis. <i>NeuroImage</i> , 2018, 181, 85-94.	2.1	70
968	Experimental and methodological factors affecting test-retest reliability of amygdala BOLD responses. <i>Psychophysiology</i> , 2018, 55, e13220.	1.2	34
969	Functional Connectivity within the Primate Extended Amygdala Is Heritable and Associated with Early-Life Anxious Temperament. <i>Journal of Neuroscience</i> , 2018, 38, 7611-7621.	1.7	97
970	Spread of activity following TMS is related to intrinsic resting connectivity to the salience network: A concurrent TMS-fMRI study. <i>Cortex</i> , 2018, 108, 160-172.	1.1	45
971	Computational and neurobiological foundations of leadership decisions. <i>Science</i> , 2018, 361, .	6.0	30
972	The Functional Connectivity Between the Nucleus Accumbens and the Ventromedial Prefrontal Cortex as an Endophenotype for Bipolar Disorder. <i>Biological Psychiatry</i> , 2018, 84, 803-809.	0.7	58
973	Perceptual Characterization of the Macronutrient Picture System (MaPS) for Food Image fMRI. <i>Frontiers in Psychology</i> , 2018, 9, 17.	1.1	26
974	Spectral Dynamics of Resting State fMRI Within the Ventral Tegmental Area and Dorsal Raphe Nuclei in Medication-Free Major Depressive Disorder in Young Adults. <i>Frontiers in Psychiatry</i> , 2018, 9, 163.	1.3	23
975	Amplification and Suppression of Distinct Brainwide Activity Patterns by Catecholamines. <i>Journal of Neuroscience</i> , 2018, 38, 7476-7491.	1.7	26

#	ARTICLE	IF	CITATIONS
976	Prospective motion correction improves the sensitivity of fMRI pattern decoding. <i>Human Brain Mapping</i> , 2018, 39, 4018-4031.	1.9	15
977	Reduced Dynamic Coupling Between Spontaneous BOLD-CBF Fluctuations in Older Adults: A Dual-Echo pCASL Study. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 115.	1.7	17
978	EEG-Informed fMRI: A Review of Data Analysis Methods. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 29.	1.0	115
979	Functional MRI of Handwriting Tasks: A Study of Healthy Young Adults Interacting with a Novel Touch-Sensitive Tablet. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 30.	1.0	16
980	Sparse Estimation of Resting-State Effective Connectivity From fMRI Cross-Spectra. <i>Frontiers in Neuroscience</i> , 2018, 12, 287.	1.4	5
981	The affinity of antipsychotic drugs to dopamine and serotonin 5-HT ₂ receptors determines their effects on prefrontal-striatal functional connectivity. <i>European Neuropsychopharmacology</i> , 2018, 28, 1035-1046.	0.3	13
982	Using SPM 12's Second-Level Bayesian Inference Procedure for fMRI Analysis: Practical Guidelines for End Users. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 1.	1.3	90
983	Lateral habenula perturbation reduces default-mode network connectivity in a rat model of depression. <i>Translational Psychiatry</i> , 2018, 8, 68.	2.4	25
984	Adjusting for Confounders in Cross-correlation Analysis: an Application to Resting State Networks. <i>Sankhya B</i> , 2018, 80, 123-150.	0.4	0
985	Towards response success prediction: An integrative approach using high-resolution fMRI and autonomic indices. <i>Neuropsychologia</i> , 2018, 119, 182-190.	0.7	8
986	The Role of Brain Connectome Imaging in the Estimation of Depressive Relapse Risk. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2018, 190, 1036-1043.	0.7	3
987	Visuocortical changes during a freezing-like state in humans. <i>NeuroImage</i> , 2018, 179, 313-325.	2.1	20
988	Evaluating the impact of fast-fMRI on dynamic functional connectivity in an event-based paradigm. <i>PLoS ONE</i> , 2018, 13, e0190480.	1.1	19
989	Cortical processing of breathing perceptions in the athletic brain. <i>NeuroImage</i> , 2018, 179, 92-101.	2.1	17
990	Accurate modeling of temporal correlations in rapidly sampled fMRI time series. <i>Human Brain Mapping</i> , 2018, 39, 3884-3897.	1.9	84
991	From correlation to causation: Estimating effective connectivity from zero-lag covariances of brain signals. <i>PLoS Computational Biology</i> , 2018, 14, e1006056.	1.5	16
992	Neural Correlates of Suicidality in Adolescents with Major Depression: Resting-State Functional Connectivity of the Precuneus and Posterior Cingulate Cortex. <i>Suicide and Life-Threatening Behavior</i> , 2019, 49, 899-913.	0.9	46
993	Disentangling causal webs in the brain using functional magnetic resonance imaging: A review of current approaches. <i>Network Neuroscience</i> , 2019, 3, 237-273.	1.4	46

#	ARTICLE	IF	CITATIONS
994	Speech structure links the neural and socio-behavioural correlates of psychotic disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 88, 112-120.	2.5	59
995	Cerebral Autoregulation Evidenced by Synchronized Low Frequency Oscillations in Blood Pressure and Resting-State fMRI. <i>Frontiers in Neuroscience</i> , 2019, 13, 433.	1.4	40
996	APOE gene-dependent BOLD responses to a breath-hold across the adult lifespan. <i>NeuroImage: Clinical</i> , 2019, 24, 101955.	1.4	2
997	Sexual trauma history is associated with reduced orbitofrontal network strength in substance-dependent women. <i>NeuroImage: Clinical</i> , 2019, 24, 101973.	1.4	5
998	Detection and Correction of Head Motion and Physiological Artifacts in BOLD fMRI: A Study. , 2019, , .		0
999	Heart rate variability as a biomarker in health and affective disorders: A perspective on neuroimaging studies. <i>NeuroImage</i> , 2019, 202, 116072.	2.1	82
1000	Improving sensitivity, specificity, and reproducibility of individual brainstem activation. <i>Brain Structure and Function</i> , 2019, 224, 2823-2838.	1.2	11
1001	Nuisance effects in inter-scan functional connectivity estimates before and after nuisance regression. <i>NeuroImage</i> , 2019, 202, 116005.	2.1	3
1002	Robust Motion Regression of Resting-State Data Using a Convolutional Neural Network Model. <i>Frontiers in Neuroscience</i> , 2019, 13, 169.	1.4	12
1003	Impact of sampling rate on statistical significance for single subject fMRI connectivity analysis. <i>Human Brain Mapping</i> , 2019, 40, 3321-3337.	1.9	12
1004	NMDA receptor antagonists traxoprodil and lanicemine improve hippocampal-prefrontal coupling and reward-related networks in rats. <i>Psychopharmacology</i> , 2019, 236, 3451-3463.	1.5	5
1005	Neurocircuitry associated with symptom dimensions at baseline and with change in borderline personality disorder. <i>Psychiatry Research - Neuroimaging</i> , 2019, 290, 58-65.	0.9	7
1006	L-Dopa Modulation of Brain Connectivity in Parkinson's Disease Patients: A Pilot EEG-fMRI Study. <i>Frontiers in Neuroscience</i> , 2019, 13, 611.	1.4	22
1007	Modeling of the BOLD signal using event-related simultaneous EEG-fMRI and convolutional sparse coding analysis. , 2019, 2019, 181-184.		1
1008	A mind-brain-body dataset of MRI, EEG, cognition, emotion, and peripheral physiology in young and old adults. <i>Scientific Data</i> , 2019, 6, 180308.	2.4	188
1009	Dynamic changes in thalamic connectivity following stress and its association with future depression severity. <i>Brain and Behavior</i> , 2019, 9, e01445.	1.0	8
1010	Using slow frame rate imaging to extract fast receptive fields. <i>Nature Communications</i> , 2019, 10, 4979.	5.8	10
1011	Coupled electrophysiological, hemodynamic, and cerebrospinal fluid oscillations in human sleep. <i>Science</i> , 2019, 366, 628-631.	6.0	584

#	ARTICLE	IF	CITATIONS
1012	Reduced striatal activation in response to rewarding motor performance feedback after stroke. <i>NeuroImage: Clinical</i> , 2019, 24, 102036.	1.4	13
1013	Brain activity mediators of PTSD symptom reduction during real-time fMRI amygdala neurofeedback emotional training. <i>NeuroImage: Clinical</i> , 2019, 24, 102047.	1.4	11
1014	High-Normal Adolescent Fasting Plasma Glucose Is Associated With Poorer Midlife Brain Health: Bogalusa Heart Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 4492-4500.	1.8	13
1015	Differential Influence of Acupuncture Somatosensory and Cognitive/Affective Components on Functional Brain Connectivity and Pain Reduction During Low Back Pain State. <i>Frontiers in Neuroscience</i> , 2019, 13, 1062.	1.4	19
1016	Low Frequency Systemic Hemodynamic "Noise" in Resting State BOLD fMRI: Characteristics, Causes, Implications, Mitigation Strategies, and Applications. <i>Frontiers in Neuroscience</i> , 2019, 13, 787.	1.4	122
1017	Neural correlates of top-down modulation of haptic shape versus roughness perception. <i>Human Brain Mapping</i> , 2019, 40, 5172-5184.	1.9	7
1018	The default-mode network represents aesthetic appeal that generalizes across visual domains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19155-19164.	3.3	69
1019	The avalanche-like behaviour of large-scale haemodynamic activity from wakefulness to deep sleep. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20190262.	1.5	16
1020	Functional MRI of arousals in nonrapid eye movement sleep. <i>Sleep</i> , 2020, 43, .	0.6	13
1021	Evaluating Alternative Correction Methods for Multiple Comparison in Functional Neuroimaging Research. <i>Brain Sciences</i> , 2019, 9, 198.	1.1	22
1022	Identification of physiological response functions to correct for fluctuations in resting-state fMRI related to heart rate and respiration. <i>NeuroImage</i> , 2019, 202, 116150.	2.1	42
1023	Deactivation of somatosensory and visual cortices during vestibular stimulation is associated with older age and poorer balance. <i>PLoS ONE</i> , 2019, 14, e0221954.	1.1	15
1024	Brain functional differences in visuo-motor task adaptation between dominant and non-dominant hand training. <i>Experimental Brain Research</i> , 2019, 237, 3109-3121.	0.7	12
1025	Overt social interaction and resting state in young adult males with autism: core and contextual neural features. <i>Brain</i> , 2019, 142, 808-822.	3.7	35
1026	Temporal dynamics of the pharmacological MRI response to subanaesthetic ketamine in healthy volunteers: A simultaneous EEG/fMRI study. <i>Journal of Psychopharmacology</i> , 2019, 33, 219-229.	2.0	18
1027	Central modulation of parasympathetic outflow is impaired in de novo Parkinson's disease patients. <i>PLoS ONE</i> , 2019, 14, e0210324.	1.1	22
1028	Identification of epileptic brain states by dynamic functional connectivity analysis of simultaneous EEG-fMRI: a dictionary learning approach. <i>Scientific Reports</i> , 2019, 9, 638.	1.6	23
1029	Extraction of the cardiac waveform from simultaneous multislice fMRI data using slice sorted averaging and a deep learning reconstruction filter. <i>NeuroImage</i> , 2019, 198, 303-316.	2.1	23

#	ARTICLE	IF	CITATIONS
1030	The relationship between negative BOLD responses and ERS and ERD of alpha/beta oscillations in visual and motor cortex. <i>NeuroImage</i> , 2019, 199, 635-650.	2.1	14
1031	Frequency-Dependent Spatial Distribution of Functional Hubs in the Human Brain and Alterations in Major Depressive Disorder. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 146.	1.0	14
1032	On the Relationship between MRI and Local Field Potential Measurements of Spatial and Temporal Variations in Functional Connectivity. <i>Scientific Reports</i> , 2019, 9, 8871.	1.6	12
1033	EEG-correlated fMRI of human alpha (de-)synchronization. <i>Clinical Neurophysiology</i> , 2019, 130, 1375-1386.	0.7	13
1034	Neural correlates of early cognitive dysfunction in Parkinson's disease. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 902-912.	1.7	17
1035	Thalamic arousal network disturbances in temporal lobe epilepsy and improvement after surgery. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 1109-1116.	0.9	38
1036	Effects of Second Language Learning on the Plastic Aging Brain: Functional Connectivity, Cognitive Decline, and Reorganization. <i>Frontiers in Neuroscience</i> , 2019, 13, 423.	1.4	53
1037	Whole-brain snapshot CEST imaging at 7 T using 3D-EPI. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 1741-1752.	1.9	27
1038	Functional imaging of rostrocaudal spinal activity during upper limb motor tasks. <i>NeuroImage</i> , 2019, 200, 590-600.	2.1	22
1039	Individual differences in level of wisdom are associated with brain activation during a moral decision-making task. <i>Brain and Behavior</i> , 2019, 9, e01302.	1.0	10
1040	Thalamo-cortical coupling during encoding and consolidation is linked to durable memory formation. <i>NeuroImage</i> , 2019, 197, 80-92.	2.1	19
1041	Functional and neurochemical disruptions of brain hub topology in chronic pain. <i>Pain</i> , 2019, 160, 973-983.	2.0	56
1042	Visceral Signals Shape Brain Dynamics and Cognition. <i>Trends in Cognitive Sciences</i> , 2019, 23, 488-509.	4.0	238
1043	Dependence of resting-state fMRI fluctuation amplitudes on cerebral cortical orientation relative to the direction of B0 and anatomical axes. <i>NeuroImage</i> , 2019, 196, 337-350.	2.1	29
1044	Dynamic Flip-Angle ECG-gating with nuisance signal regression improves resting-state BOLD functional connectivity mapping by reducing cardiogenic noise. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 911-923.	1.9	2
1045	Gastric stimulation drives fast BOLD responses of neural origin. <i>NeuroImage</i> , 2019, 197, 200-211.	2.1	23
1046	Discovery of key whole-brain transitions and dynamics during human wakefulness and non-REM sleep. <i>Nature Communications</i> , 2019, 10, 1035.	5.8	148
1047	White matter microstructural abnormalities and default network degeneration are associated with early memory deficit in Alzheimer's disease continuum. <i>Scientific Reports</i> , 2019, 9, 4749.	1.6	31

#	ARTICLE	IF	CITATIONS
1048	Acute effects of Δ^9 -tetrahydrocannabinol (THC) on resting state brain function and their modulation by COMT genotype. <i>European Neuropsychopharmacology</i> , 2019, 29, 766-776.	0.3	20
1049	The relationship between heart rate and functional connectivity of brain regions involved in autonomic control. <i>NeuroImage</i> , 2019, 196, 318-328.	2.1	35
1050	Sex Differences in Resting-State Functional Connectivity of the Cerebellum in Autism Spectrum Disorder. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 104.	1.0	50
1051	Feature-specific prediction errors for visual mismatch. <i>NeuroImage</i> , 2019, 196, 142-151.	2.1	14
1052	Functional Connectivity Between Extrastriate Body Area and Default Mode Network Predicts Depersonalization Symptoms in Major Depression: Findings From an A Priori Specified Multinetwork Comparison. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 627-635.	1.1	7
1053	Using fMRI connectivity to define a treatment-resistant form of post-traumatic stress disorder. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	65
1054	Mediation analysis of triple networks revealed functional feature of mindfulness from real-time fMRI neurofeedback. <i>NeuroImage</i> , 2019, 195, 409-432.	2.1	32
1055	On the analysis of rapidly sampled fMRI data. <i>NeuroImage</i> , 2019, 188, 807-820.	2.1	68
1056	Involvement of hippocampal subfields and anterior-posterior subregions in encoding and retrieval of item, spatial, and associative memories: Longitudinal versus transverse axis. <i>NeuroImage</i> , 2019, 191, 568-586.	2.1	43
1057	Investigating the variability of cardiac pulse artifacts across heartbeats in simultaneous EEG-fMRI recordings: A 7T study. <i>NeuroImage</i> , 2019, 191, 21-35.	2.1	19
1058	Machine learning-based prediction of clinical pain using multimodal neuroimaging and autonomic metrics. <i>Pain</i> , 2019, 160, 550-560.	2.0	83
1059	Modular preprocessing pipelines can reintroduce artifacts into fMRI data. <i>Human Brain Mapping</i> , 2019, 40, 2358-2376.	1.9	159
1060	Uneven illumination correction of digital images: A survey of the state-of-the-art. <i>Optik</i> , 2019, 183, 483-495.	1.4	44
1061	Resting State Functional Connectivity of Dorsal Raphe Nucleus and Ventral Tegmental Area in Medication-Free Young Adults With Major Depression. <i>Frontiers in Psychiatry</i> , 2018, 9, 765.	1.3	15
1062	On the Use of Linear-Modelling-based Algorithms for Physiological Noise Correction in fMRI Studies of the Central Breathing Control. , 2019, 2019, 808-811.		1
1063	Brainstem neuroimaging of nociception and pain circuitries. <i>Pain Reports</i> , 2019, 4, e745.	1.4	40
1064	Comparison of SMS-EPI and 3D-EPI at 7T in an fMRI localizer study with matched spatiotemporal resolution and homogenized excitation profiles. <i>PLoS ONE</i> , 2019, 14, e0225286.	1.1	24
1065	Neuroimaging-based biomarkers for pain: state of the field and current directions. <i>Pain Reports</i> , 2019, 4, e751.	1.4	81

#	ARTICLE	IF	CITATIONS
1066	Somatotopically specific primary somatosensory connectivity to salience and default mode networks encodes clinical pain. <i>Pain</i> , 2019, 160, 1594-1605.	2.0	62
1067	Resting-state white matter-cortical connectivity in non-human primate brain. <i>NeuroImage</i> , 2019, 184, 45-55.	2.1	26
1068	Making Sense of Connectivity. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 194-207.	1.0	22
1069	Functional network interactions at rest underlie individual differences in memory ability. <i>Learning and Memory</i> , 2019, 26, 9-19.	0.5	17
1070	Finding the baby in the bath water – evidence for task-specific changes in resting state functional connectivity evoked by training. <i>NeuroImage</i> , 2019, 188, 524-538.	2.1	12
1071	The Cerebral Cortex is Bisectionally Segregated into Two Fundamentally Different Functional Units of Gyri and Sulci. <i>Cerebral Cortex</i> , 2019, 29, 4238-4252.	1.6	28
1072	Lithium monotherapy associated longitudinal effects on resting state brain networks in clinical treatment of bipolar disorder. <i>Bipolar Disorders</i> , 2019, 21, 361-371.	1.1	39
1073	Evaluation of different cerebrospinal fluid and white matter fMRI filtering strategies – Quantifying noise removal and neural signal preservation. <i>Human Brain Mapping</i> , 2019, 40, 1114-1138.	1.9	22
1074	Addressing challenges of high spatial resolution UHF fMRI for group analysis of higher-order cognitive tasks: An inter-sensory task directing attention between visual and somatosensory domains. <i>Human Brain Mapping</i> , 2019, 40, 1298-1316.	1.9	8
1075	Whole brain measurements of the positive BOLD response variability during a finger tapping task at 7 T show regional differences in its profiles. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 2720-2727.	1.9	12
1076	Cluster failure revisited: Impact of first level design and physiological noise on cluster false positive rates. <i>Human Brain Mapping</i> , 2019, 40, 2017-2032.	1.9	60
1077	Real-time filtering with sparse variations for head motion in magnetic resonance imaging. <i>Signal Processing</i> , 2019, 157, 170-179.	2.1	3
1078	Objective and subjective measures of prior sleep-wake behavior predict functional connectivity in the default mode network during NREM sleep. <i>Brain and Behavior</i> , 2019, 9, e01172.	1.0	5
1079	The Use of Functional Near-Infrared Spectroscopy in Neuroergonomics. , 2019, , 17-25.		22
1080	Advantages of short repetition time resting-state functional MRI enabled by simultaneous multi-slice imaging. <i>Journal of Neuroscience Methods</i> , 2019, 311, 122-132.	1.3	25
1081	Dynamic per slice shimming for simultaneous brain and spinal cord fMRI. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 825-838.	1.9	38
1082	Dorsal and Ventral Posterior Cingulate Cortex Switch Network Assignment via Changes in Relative Functional Connectivity Strength to Noncanonical Networks. <i>Brain Connectivity</i> , 2019, 9, 77-94.	0.8	14
1083	Functional connectivity with cortical depth assessed by resting state fMRI of subregions of S1 in squirrel monkeys. <i>Human Brain Mapping</i> , 2019, 40, 329-339.	1.9	11

#	ARTICLE	IF	CITATIONS
1084	Global fluctuations of cerebral blood flow indicate a global brain network independent of systemic factors. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 302-312.	2.4	15
1085	Cerebrovascular blood oxygenation level dependent pulsatility at baseline and following acute exercise among healthy adolescents. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1737-1749.	2.4	12
1086	Dual regression physiological modeling of resting-state EPI power spectra: Effects of healthy aging. <i>NeuroImage</i> , 2019, 187, 68-76.	2.1	16
1087	Effective connectivity within a triple network brain system discriminates schizophrenia spectrum disorders from psychotic bipolar disorder at the single-subject level. <i>Schizophrenia Research</i> , 2019, 214, 24-33.	1.1	39
1088	Neuronal Origin of the Temporal Dynamics of Spontaneous BOLD Activity Correlation. <i>Cerebral Cortex</i> , 2019, 29, 1496-1508.	1.6	56
1089	Recent progress in ASL. <i>NeuroImage</i> , 2019, 187, 3-16.	2.1	76
1090	Brainstem Functional Connectivity Disturbances in Epilepsy may Recover After Successful Surgery. <i>Neurosurgery</i> , 2020, 86, 417-428.	0.6	12
1091	Intrinsic functional connectivity during continuous maintenance and suppression of emotion in bipolar disorder. <i>Brain Imaging and Behavior</i> , 2020, 14, 1747-1757.	1.1	7
1092	Language beyond the language system: Dorsal visuospatial pathways support processing of demonstratives and spatial language during naturalistic fast fMRI. <i>NeuroImage</i> , 2020, 216, 116128.	2.1	27
1093	The association between subcortical and cortical fMRI and lifetime noise exposure in listeners with normal hearing thresholds. <i>NeuroImage</i> , 2020, 204, 116239.	2.1	7
1094	Impaired motor skills and atypical functional connectivity of the sensorimotor system in 40- to 65-year-old adults with autism spectrum disorders. <i>Neurobiology of Aging</i> , 2020, 85, 104-112.	1.5	19
1095	Brain networks, dimensionality, and global signal averaging in resting-state fMRI: Hierarchical network structure results in low-dimensional spatiotemporal dynamics. <i>NeuroImage</i> , 2020, 205, 116289.	2.1	40
1096	Self-regulation of ventromedial prefrontal cortex activation using real-time fMRI neurofeedback: Influence of default mode network. <i>Human Brain Mapping</i> , 2020, 41, 342-352.	1.9	18
1097	Model-based physiological noise removal in fast fMRI. <i>NeuroImage</i> , 2020, 205, 116231.	2.1	42
1098	Cardiorespiratory fitness is associated with increased middle cerebral arterial compliance and decreased cerebral blood flow in young healthy adults: A pulsed ASL MRI study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1879-1889.	2.4	15
1099	The Neurofunctional Basis of Affective Startle Modulation in Humans: Evidence From Combined Facial Electromyography and Functional Magnetic Resonance Imaging. <i>Biological Psychiatry</i> , 2020, 87, 548-558.	0.7	46
1100	Characterization of postsurgical functional connectivity changes in temporal lobe epilepsy. <i>Journal of Neurosurgery</i> , 2020, 133, 392-402.	0.9	25
1101	The role of hippocampal spatial representations in contextualization and generalization of fear. <i>NeuroImage</i> , 2020, 206, 116308.	2.1	21

#	ARTICLE	IF	CITATIONS
1102	Cardiac-related Pulsatility in the Insula Is Directly Associated With Middle Cerebral Artery Pulsatility Index. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1454-1462.	1.9	5
1103	Oscillating steady-state imaging (OSSI): A novel method for functional MRI. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 698-712.	1.9	4
1104	Physiological changes in sleep that affect fMRI inference. <i>Current Opinion in Behavioral Sciences</i> , 2020, 33, 42-50.	2.0	27
1105	Integrated VASO and perfusion contrast: A new tool for laminar functional MRI. <i>NeuroImage</i> , 2020, 207, 116358.	2.1	35
1106	Parasympathetic arousal-related cortical activity is associated with attention during cognitive task performance. <i>NeuroImage</i> , 2020, 208, 116469.	2.1	21
1107	Modulation of simultaneously collected hemodynamic and electrophysiological functional connectivity by ketamine and midazolam. <i>Human Brain Mapping</i> , 2020, 41, 1472-1494.	1.9	14
1108	A robust deep neural network for denoising task-based fMRI data: An application to working memory and episodic memory. <i>Medical Image Analysis</i> , 2020, 60, 101622.	7.0	23
1109	Functional consequences of acute tryptophan depletion on raphe nuclei connectivity and network organization in healthy women. <i>NeuroImage</i> , 2020, 207, 116362.	2.1	12
1110	Intrinsic connectome organization across temporal scales: New insights from cross-modal approaches. <i>Network Neuroscience</i> , 2020, 4, 1-29.	1.4	45
1111	Optimizing MRF-ASL scan design for precise quantification of brain hemodynamics using neural network regression. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 1979-1991.	1.9	16
1112	Neural oscillations in human auditory cortex revealed by fast fMRI during auditory perception. <i>NeuroImage</i> , 2020, 207, 116401.	2.1	11
1113	Stairways to the brain: Transcutaneous spinal direct current stimulation (tsDCS) modulates a cerebellar-cortical network enhancing verb recovery. <i>Brain Research</i> , 2020, 1727, 146564.	1.1	9
1114	Formation of global self-beliefs in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27268-27276.	3.3	34
1115	High-resolution functional connectivity of the default mode network in young adults with down syndrome. <i>Brain Imaging and Behavior</i> , 2021, 15, 2051-2060.	1.1	4
1116	Changes in structural and functional connectivity during two years of fingolimod therapy for multiple sclerosis. <i>Magnetic Resonance Imaging</i> , 2020, 74, 113-120.	1.0	5
1117	Prevalent and sex-biased breathing patterns modify functional connectivity MRI in young adults. <i>Nature Communications</i> , 2020, 11, 5290.	5.8	25
1118	Disentangling time series between brain tissues improves fMRI data quality using a time-dependent deep neural network. <i>NeuroImage</i> , 2020, 223, 117340.	2.1	10
1119	Dynamic time warping outperforms Pearson correlation in detecting atypical functional connectivity in autism spectrum disorders. <i>NeuroImage</i> , 2020, 223, 117383.	2.1	23

#	ARTICLE	IF	CITATIONS
1120	A nociresponsive specific area of human somatosensory cortex within BA3a: BA3c?. <i>NeuroImage</i> , 2020, 221, 117187.	2.1	9
1121	Experimental trauma rapidly modifies functional connectivity. <i>Brain Imaging and Behavior</i> , 2021, 15, 2017-2030.	1.1	2
1122	Dynamic Functional Connectivity of Resting-State Spinal Cord fMRI Reveals Fine-Grained Intrinsic Architecture. <i>Neuron</i> , 2020, 108, 424-435.e4.	3.8	38
1123	Activity or connectivity? A randomized controlled feasibility study evaluating neurofeedback training in Huntington's disease. <i>Brain Communications</i> , 2020, 2, fcaa049.	1.5	10
1124	Linking brain activity during sequential gambling to impulse control in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2020, 27, 102330.	1.4	8
1125	Sense of external agency is sustained by multisensory functional integration in the somatosensory cortex. <i>Human Brain Mapping</i> , 2020, 41, 4024-4040.	1.9	5
1126	Brainstem BOLD response to visual and acoustic stimuli in people with post-stroke spasticity. , 2020, , .		0
1127	Interaction of Interoceptive Perception and Emotional Intelligence: A Functional Neuroimaging Study. <i>Neuroscience and Behavioral Physiology</i> , 2020, 50, 1043-1050.	0.2	7
1128	Ultra-slow Oscillations in fMRI and Resting-State Connectivity: Neuronal and Vascular Contributions and Technical Confounds. <i>Neuron</i> , 2020, 107, 782-804.	3.8	105
1129	BOLD activity during emotion reappraisal positively correlates with dietary self-control success. <i>Social Cognitive and Affective Neuroscience</i> , 2023, 18, .	1.5	11
1130	Individual differences in haemoglobin concentration influence bold fMRI functional connectivity and its correlation with cognition. <i>NeuroImage</i> , 2020, 221, 117196.	2.1	19
1131	Integration of Simultaneous Resting-State Electroencephalography, Functional Magnetic Resonance Imaging, and Eye-Tracker Methods to Determine and Verify Electroencephalography Vigilance Measure. <i>Brain Connectivity</i> , 2020, 10, 535-546.	0.8	5
1132	Challenges and future directions for representations of functional brain organization. <i>Nature Neuroscience</i> , 2020, 23, 1484-1495.	7.1	99
1133	Simultaneous BOLD-fMRI and constant infusion FDG-PET data of the resting human brain. <i>Scientific Data</i> , 2020, 7, 363.	2.4	26
1134	Sustained effects of pleasant and unpleasant smells on resting state brain activity. <i>Cortex</i> , 2020, 132, 386-403.	1.1	8
1135	Effect of acute physical exercise on motor sequence memory. <i>Scientific Reports</i> , 2020, 10, 15322.	1.6	15
1136	Discrete finger sequences are widely represented in human striatum. <i>Scientific Reports</i> , 2020, 10, 13189.	1.6	6
1137	Neural correlates of fluctuations in the intermediate band for heart rate and respiration are related to interoceptive perception. <i>Psychophysiology</i> , 2020, 57, e13594.	1.2	21

#	ARTICLE	IF	CITATIONS
1138	Testosterone and Resting State Connectivity of the Parahippocampal Gyrus in Men With History of Deployment-Related Mild Traumatic Brain Injury. <i>Military Medicine</i> , 2020, 185, e1750-e1758.	0.4	3
1139	Real-Time Resting-State Functional Magnetic Resonance Imaging Using Averaged Sliding Windows with Partial Correlations and Regression of Confounding Signals. <i>Brain Connectivity</i> , 2020, 10, 448-463.	0.8	4
1140	Personalized Connectome Mapping to Guide Targeted Therapy and Promote Recovery of Consciousness in the Intensive Care Unit. <i>Neurocritical Care</i> , 2020, 33, 364-375.	1.2	42
1141	Amplitude of fNIRS Resting-State Global Signal Is Related to EEG Vigilance Measures: A Simultaneous fNIRS and EEG Study. <i>Frontiers in Neuroscience</i> , 2020, 14, 560878.	1.4	12
1142	Brain Connectivity Changes after Osteopathic Manipulative Treatment: A Randomized Manual Placebo-Controlled Trial. <i>Brain Sciences</i> , 2020, 10, 969.	1.1	31
1143	Reduced tactile acuity in chronic low back pain is linked with structural neuroplasticity in primary somatosensory cortex and is modulated by acupuncture therapy. <i>NeuroImage</i> , 2020, 217, 116899.	2.1	45
1144	Brain functional connectivity changes by low back extension pain model in low back pain patients. <i>PLoS ONE</i> , 2020, 15, e0233858.	1.1	6
1145	Cortical and subcortical response to the anticipation of reward in high and average/low risk-taking adolescents. <i>Developmental Cognitive Neuroscience</i> , 2020, 44, 100798.	1.9	13
1146	Assessment of the Effects of Aerobic Fitness on Cerebrovascular Function in Young Adults Using Multiple Inversion Time Arterial Spin Labeling MRI. <i>Frontiers in Physiology</i> , 2020, 11, 360.	1.3	10
1147	Cerebral Metabolic Changes During Visuomotor Adaptation Assessed Using Quantitative fMRI. <i>Frontiers in Physiology</i> , 2020, 11, 428.	1.3	0
1148	Both Stationary and Dynamic Functional Interhemispheric Connectivity Are Strongly Associated With Performance on Cognitive Tests in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2020, 11, 407.	1.1	9
1149	fMRI protocol optimization for simultaneously studying small subcortical and cortical areas at 7T. <i>NeuroImage</i> , 2020, 219, 116992.	2.1	32
1150	Atypical processing of uncertainty in individuals at risk for psychosis. <i>NeuroImage: Clinical</i> , 2020, 26, 102239.	1.4	37
1151	Neural correlates of non-specific skin conductance responses during resting state fMRI. <i>NeuroImage</i> , 2020, 214, 116721.	2.1	11
1152	Resting-state "co-physiological networks". <i>NeuroImage</i> , 2020, 213, 116707.	2.1	111
1153	Connectome-wide search for functional connectivity locus associated with pathological rumination as a target for real-time fMRI neurofeedback intervention. <i>NeuroImage: Clinical</i> , 2020, 26, 102244.	1.4	24
1154	Demonstration and suppression of respiration-related artifacts in Bloch-Siegert shift-based B ₁ + maps of the human brain. <i>NMR in Biomedicine</i> , 2020, 33, e4299.	1.6	1
1155	Bring the Noise: Reconceptualizing Spontaneous Neural Activity. <i>Trends in Cognitive Sciences</i> , 2020, 24, 734-746.	4.0	101

#	ARTICLE	IF	CITATIONS
1156	Heart Rate and Respiration Affect the Functional Connectivity of Default Mode Network in Resting-State Functional Magnetic Resonance Imaging. <i>Frontiers in Neuroscience</i> , 2020, 14, 631.	1.4	20
1157	Magnetic resonance imaging of neuroinflammation in chronic pain: a role for astrogliosis?. <i>Pain</i> , 2020, 161, 1555-1564.	2.0	24
1158	Resting-state brain and spinal cord networks in humans are functionally integrated. <i>PLoS Biology</i> , 2020, 18, e3000789.	2.6	37
1159	Emotion self-regulation training in major depressive disorder using simultaneous real-time fMRI and EEG neurofeedback. <i>NeuroImage: Clinical</i> , 2020, 27, 102331.	1.4	40
1160	Assessing the spatial distribution of cervical spinal cord activity during tactile stimulation of the upper extremity in humans with functional magnetic resonance imaging. <i>NeuroImage</i> , 2020, 217, 116905.	2.1	14
1161	Involuntary Orienting and Conflict Resolution during Auditory Attention: The Role of Ventral and Dorsal Streams. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 1851-1863.	1.1	1
1162	The Decline in Intrinsic Connectivity Between the Salience Network and Locus Coeruleus in Older Adults: Implications for Distractibility. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 2.	1.7	29
1163	Improved autoregressive model for correction of noise serial correlation in fast fMRI. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 1293-1305.	1.9	8
1164	Identifying and removing widespread signal deflections from fMRI data: Rethinking the global signal regression problem. <i>NeuroImage</i> , 2020, 212, 116614.	2.1	95
1165	Functional connectivity and structural analysis of trial spinal cord stimulation responders in failed back surgery syndrome. <i>PLoS ONE</i> , 2020, 15, e0228306.	1.1	7
1166	Brainstem Correlates of a Cold Pressor Test Measured by Ultra-High Field fMRI. <i>Frontiers in Neuroscience</i> , 2020, 14, 39.	1.4	12
1167	Cortical laminar resting-state signal fluctuations scale with the hypercapnic blood oxygenation level-dependent response. <i>Human Brain Mapping</i> , 2020, 41, 2014-2027.	1.9	25
1168	Whole-body somatotopic maps in the cerebellum revealed with 7T fMRI. <i>NeuroImage</i> , 2020, 211, 116624.	2.1	48
1169	TbCAPs: A toolbox for co-activation pattern analysis. <i>NeuroImage</i> , 2020, 211, 116621.	2.1	36
1170	Cholinergic Modulation of Disorder-Relevant Neural Circuits in Generalized Anxiety Disorder. <i>Biological Psychiatry</i> , 2020, 87, 908-915.	0.7	17
1171	The ability to understand emotions is associated with interoception-related insular activation and white matter integrity during aging. <i>Psychophysiology</i> , 2020, 57, e13537.	1.2	15
1172	Pushing the Limits of EEG: Estimation of Large-Scale Functional Brain Networks and Their Dynamics Validated by Simultaneous fMRI. <i>Frontiers in Neuroscience</i> , 2020, 14, 323.	1.4	15
1173	Fast detection and reduction of local transient artifacts in resting-state fMRI. <i>Computers in Biology and Medicine</i> , 2020, 120, 103742.	3.9	5

#	ARTICLE	IF	CITATIONS
1174	Temporal lobe epilepsy alters spatio-temporal dynamics of the hippocampal functional network. <i>NeuroImage: Clinical</i> , 2020, 26, 102254.	1.4	17
1175	Quality and denoising in real-time functional magnetic resonance imaging neurofeedback: A methods review. <i>Human Brain Mapping</i> , 2020, 41, 3439-3467.	1.9	39
1176	Modeling regional changes in dynamic stability during sleep and wakefulness. <i>NeuroImage</i> , 2020, 215, 116833.	2.1	48
1177	Distinct BOLD variability changes in the default mode and salience networks in Alzheimer's disease spectrum and associations with cognitive decline. <i>Scientific Reports</i> , 2020, 10, 6457.	1.6	31
1178	Impact of physiological noise in characterizing the functional MRI default-mode network in Alzheimer's disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 166-181.	2.4	9
1179	The development of an fMRI protocol to investigate vmPFC network functioning underlying the generalization of behavioral control. <i>Psychiatry Research - Neuroimaging</i> , 2021, 307, 111197.	0.9	4
1180	Signature of consciousness in brain-wide synchronization patterns of monkey and human fMRI signals. <i>NeuroImage</i> , 2021, 226, 117470.	2.1	33
1181	Post-hoc physiological waveform extraction from motion estimation in simultaneous multislice (SMS) functional MRI using separate stack processing. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 309-315.	1.9	2
1182	Enhanced POCS reconstruction for partial Fourier imaging in multi-echo and time-series acquisitions. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 140-151.	1.9	7
1183	Frequency-specific task modulation of human brain functional networks: A fast fMRI study. <i>NeuroImage</i> , 2021, 224, 117375.	2.1	20
1184	Cortico-spinal imaging to study pain. <i>NeuroImage</i> , 2021, 224, 117439.	2.1	24
1185	Multi-shot acquisitions for stimulus-evoked spinal cord BOLD fMRI. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2016-2026.	1.9	17
1186	A Gradient of Sharpening Effects by Perceptual Prior across the Human Cortical Hierarchy. <i>Journal of Neuroscience</i> , 2021, 41, 167-178.	1.7	14
1187	Prevent breaking bad: A proof of concept study of rebalancing the brain's rumination circuit with real-time fMRI functional connectivity neurofeedback. <i>Human Brain Mapping</i> , 2021, 42, 922-940.	1.9	15
1188	EEG Microstates Predict Concurrent fMRI Dynamic Functional Connectivity States. <i>Brain Topography</i> , 2021, 34, 41-55.	0.8	26
1189	Rude mechanicals in brain haemodynamics: non-neural actors that influence blood flow. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20190635.	1.8	39
1190	People with mesial temporal lobe epilepsy have altered thalamo-occipital brain networks. <i>Epilepsy and Behavior</i> , 2021, 115, 107645.	0.9	10
1191	Hex: Tilted hexagonal grids for rapid 3D imaging. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2507-2523.	1.9	11

#	ARTICLE	IF	CITATIONS
1192	Reconstruction of respiratory variation signals from fMRI data. <i>NeuroImage</i> , 2021, 225, 117459.	2.1	15
1193	Cholinergic and dopaminergic effects on prediction error and uncertainty responses during sensory associative learning. <i>NeuroImage</i> , 2021, 226, 117590.	2.1	31
1194	Interrelations between dopamine and serotonin producing sites and regions of the default mode network. <i>Human Brain Mapping</i> , 2021, 42, 811-823.	1.9	12
1195	A retrospective physiological noise correction method for oscillating steady-state imaging. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 936-944.	1.9	1
1196	Hemodynamic modeling of long-term aspirin effects on blood oxygenated level dependent responses at 7 Tesla in patients at cardiovascular risk. <i>European Journal of Neuroscience</i> , 2021, 53, 1262-1278.	1.2	0
1197	fMRI based on transition-band balanced SSFP in comparison with EPI on a high-performance 0.55 T scanner. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 3196-3210.	1.9	5
1198	Exploring Brain Dynamic Functional Connectivity Using Improved Principal Components Analysis Based on Template Matching. <i>Brain Topography</i> , 2021, 34, 121-138.	0.8	1
1199	Real-time fMRI neurofeedback amygdala training may influence kynurenine pathway metabolism in major depressive disorder. <i>NeuroImage: Clinical</i> , 2021, 29, 102559.	1.4	16
1200	Altered effective connectivity within an oculomotor control network in individuals with schizophrenia. <i>NeuroImage: Clinical</i> , 2021, 31, 102764.	1.4	2
1201	Neurofeedback Training versus Treatment-as-Usual for Alcohol Dependence: Results of an Early-Phase Randomized Controlled Trial and Neuroimaging Correlates. <i>European Addiction Research</i> , 2021, 27, 381-394.	1.3	7
1202	Role of the Nucleus Basalis as a Key Network Node in Temporal Lobe Epilepsy. <i>Neurology</i> , 2021, 96, e1334-e1346.	1.5	16
1203	Deep Stacking Networks for Conditional Nonlinear Granger Causal Modeling of fMRI Data. <i>Lecture Notes in Computer Science</i> , 2021, , 113-124.	1.0	5
1204	Differential alteration of fMRI signal variability in the ascending trigeminal somatosensory and pain modulatory pathways in migraine. <i>Journal of Headache and Pain</i> , 2021, 22, 4.	2.5	33
1205	MRI network progression in mesial temporal lobe epilepsy related to healthy brain architecture. <i>Network Neuroscience</i> , 2021, 5, 434-450.	1.4	9
1206	Integrated and segregated frequency architecture of the human brain network. <i>Brain Structure and Function</i> , 2021, 226, 335-350.	1.2	5
1207	Functional Connectivity in Autism Spectrum Disorders: Challenges and Perspectives. , 2021, , 239-272.		0
1208	Noise-driven multistability vs deterministic chaos in phenomenological semi-empirical models of whole-brain activity. <i>Chaos</i> , 2021, 31, 023127.	1.0	16
1209	Cortical thinning and associated connectivity changes in patients with anorexia nervosa. <i>Translational Psychiatry</i> , 2021, 11, 95.	2.4	11

#	ARTICLE	IF	CITATIONS
1210	Relation between palm and finger cortical representations in primary somatosensory cortex: A 7T fMRI study. <i>Human Brain Mapping</i> , 2021, 42, 2262-2277.	1.9	4
1213	Functional imaging of the brainstem during visually-guided motor control reveals visuomotor regions in the pons and midbrain. <i>NeuroImage</i> , 2021, 226, 117627.	2.1	6
1214	Investigating the effects of healthy cognitive aging on brain functional connectivity using 4.7T resting-state functional magnetic resonance imaging. <i>Brain Structure and Function</i> , 2021, 226, 1067-1098.	1.2	15
1216	Improving the sensitivity of spin-echo fMRI at 3T by highly accelerated acquisitions. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 245-257.	1.9	3
1217	Striatal and cerebellar vesicular acetylcholine transporter expression is disrupted in human DYT1 dystonia. <i>Brain</i> , 2021, 144, 909-923.	3.7	22
1218	rt-me-fMRI: a task and resting state dataset for real-time, multi-echo fMRI methods development and validation. <i>F1000Research</i> , 0, 10, 70.	0.8	1
1220	Observation of others'™ painful heat stimulation involves responses in the spinal cord. <i>Science Advances</i> , 2021, 7, .	4.7	8
1224	Quantitative Assessment of the Impact of Geometric Distortions and Their Correction on fMRI Data Analyses. <i>Frontiers in Neuroscience</i> , 2021, 15, 642808.	1.4	4
1226	Periinfarct rewiring supports recovery after primary motor cortex stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2174-2184.	2.4	7
1227	The Amsterdam Open MRI Collection, a set of multimodal MRI datasets for individual difference analyses. <i>Scientific Data</i> , 2021, 8, 85.	2.4	63
1228	Trading off spatio-temporal properties in 3D high-speed fMRI using interleaved stack-of-spirals trajectories. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 777-790.	1.9	0
1230	Working memory in schizophrenia: The role of the locus coeruleus and its relation to functional brain networks. <i>Brain and Behavior</i> , 2021, 11, e02130.	1.0	4
1231	Coordination between frontolimbic resting state connectivity and hypothalamic-pituitary-adrenal axis functioning in adolescents with and without depression. <i>Psychoneuroendocrinology</i> , 2021, 125, 105123.	1.3	10
1234	Interactions between methodological and interindividual variability: How Monetary Incentive Delay (MID) task contrast maps vary and impact associations with behavior. <i>Brain and Behavior</i> , 2021, 11, e02093.	1.0	7
1235	Effect of wearing a face mask on fMRI BOLD contrast. <i>NeuroImage</i> , 2021, 229, 117752.	2.1	24
1236	Resting-state hippocampal networks related to language processing reveal unique patterns in temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2021, 117, 107834.	0.9	2
1237	Taking the body off the mind: Decreased functional connectivity between somatomotor and default-mode networks following Floatation-REST. <i>Human Brain Mapping</i> , 2021, 42, 3216-3227.	1.9	14
1238	Enhanced inter-regional coupling of neural responses and repetition suppression provide separate contributions to long-term behavioral priming. <i>Communications Biology</i> , 2021, 4, 487.	2.0	5

#	ARTICLE	IF	CITATIONS
1239	A Hilbert-based method for processing respiratory timeseries. <i>NeuroImage</i> , 2021, 230, 117787.	2.1	11
1241	Reward signalling in brainstem nuclei under fluctuating blood glucose. <i>PLoS ONE</i> , 2021, 16, e0243899.	1.1	2
1242	Contrasting Measures of Cerebrovascular Reactivity Between MRI and Doppler: A Cross-Sectional Study of Younger and Older Healthy Individuals. <i>Frontiers in Physiology</i> , 2021, 12, 656746.	1.3	16
1244	High resolution structural and functional MRI of the hippocampus in young adults with Down syndrome. <i>Brain Communications</i> , 2021, 3, fcab088.	1.5	15
1245	Spectral analysis of physiological brain pulsations affecting the <sc>BOLD</sc> signal. <i>Human Brain Mapping</i> , 2021, 42, 4298-4313.	1.9	25
1246	fMRI-based detection of alertness predicts behavioral response variability. <i>ELife</i> , 2021, 10, .	2.8	28
1248	Detecting the Inverted-U in fMRI Studies of Schizophrenia: A Comparison of Three Analysis Methods. <i>Journal of the International Neuropsychological Society</i> , 2022, 28, 258-269.	1.2	7
1250	The organizational principles of de-differentiated topographic maps in somatosensory cortex. <i>ELife</i> , 2021, 10, .	2.8	13
1252	Cerebro-Cerebellar Response to Sequence Violation in a Cognitive Task: an fMRI Study. <i>Cerebellum</i> , 2022, 21, 73-85.	1.4	4
1253	An Approach to Automatically Label and Order Brain Activity/Component Maps. <i>Brain Connectivity</i> , 2022, 12, 85-95.	0.8	5
1254	Reliability of task-specific neuronal activation assessed with functional PET, ASL and BOLD imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2986-2999.	2.4	18
1255	Functional Neuroimaging During Asleep DBS Surgery: A Proof of Concept Study. <i>Frontiers in Neurology</i> , 2021, 12, 659002.	1.1	0
1257	The Influence of Heart Rate Variability Biofeedback on Cardiac Regulation and Functional Brain Connectivity. <i>Frontiers in Neuroscience</i> , 2021, 15, 691988.	1.4	36
1258	The impact of real-time fMRI denoising on online evaluation of brain activity and functional connectivity. <i>Journal of Neural Engineering</i> , 2021, 18, 046092.	1.8	8
1259	A data-driven functional mapping of the anterior temporal lobes. <i>Journal of Neuroscience</i> , 2021, , JN-RM-0456-21.	1.7	27
1260	Evaluation of a connectivity-based imaging metric that reflects functional decline in Multiple Sclerosis. <i>PLoS ONE</i> , 2021, 16, e0251338.	1.1	3
1261	Common Data Elements, Scalable Data Management Infrastructure, and Analytics Workflows for Large-Scale Neuroimaging Studies. <i>Frontiers in Psychiatry</i> , 2021, 12, 682495.	1.3	5
1262	Anticipatory Energization Revealed by Pupil and Brain Activity Guides Human Effort-Based Decision Making. <i>Journal of Neuroscience</i> , 2021, 41, 6328-6342.	1.7	14

#	ARTICLE	IF	CITATIONS
1263	Cardiac-induced cerebral pulsatility, brain structure, and cognition in middle and older-aged adults. <i>NeuroImage</i> , 2021, 233, 117956.	2.1	5
1264	TAPAS: An Open-Source Software Package for Translational Neuromodeling and Computational Psychiatry. <i>Frontiers in Psychiatry</i> , 2021, 12, 680811.	1.3	69
1265	Decoding brain states on the intrinsic manifold of human brain dynamics across wakefulness and sleep. <i>Communications Biology</i> , 2021, 4, 854.	2.0	23
1266	A single session of moderate intensity exercise influences memory, endocannabinoids and brain derived neurotrophic factor levels in men. <i>Scientific Reports</i> , 2021, 11, 14371.	1.6	16
1267	Machine Learning Evidence for Sex Differences Consistently Influences Resting-State fMRI Fluctuations Across Multiple Independently-Acquired Datasets. <i>Brain Connectivity</i> , 2021, , .	0.8	5
1269	Which multiband factor should you choose for your resting-state fMRI study?. <i>NeuroImage</i> , 2021, 234, 117965.	2.1	43
1270	The unbalanced reorganization of weaker functional connections induces the altered brain network topology in schizophrenia. <i>Scientific Reports</i> , 2021, 11, 15400.	1.6	8
1272	Comparison of continuous sampling with active noise cancelation and sparse sampling for cortical and subcortical auditory functional MRI. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 2577-2588.	1.9	0
1274	Classification of Adolescent Major Depressive Disorder Via Static and Dynamic Connectivity. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 2604-2614.	3.9	20
1275	Attenuated neuronal and autonomic responses during error processing in anorexia nervosa. <i>Brain and Behavior</i> , 2021, 11, e2235.	1.0	4
1276	Resting-State Correlations of Fatigue Following Military Deployment. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2021, 33, 337-341.	0.9	2
1277	Respiratory, cardiac, EEG, BOLD signals and functional connectivity over multiple microsleep episodes. <i>NeuroImage</i> , 2021, 237, 118129.	2.1	13
1279	Physiological and motion signatures in static and time-varying functional connectivity and their subject identifiability. <i>ELife</i> , 2021, 10, .	2.8	30
1281	Dynamic Time Warping Identifies Functionally Distinct fMRI Resting State Cortical Networks Specific to VTA and SNc: A Proof of Concept. <i>Cerebral Cortex</i> , 2022, 32, 1142-1151.	1.6	1
1282	Spinal Cord Resting State Activity in Individuals With Fibromyalgia Who Take Opioids. <i>Frontiers in Neurology</i> , 2021, 12, 694271.	1.1	7
1284	Estimates of locus coeruleus function with functional magnetic resonance imaging are influenced by localization approaches and the use of multi-echo data. <i>NeuroImage</i> , 2021, 236, 118047.	2.1	20
1285	Dissecting functional contributions of the social brain to strategic behavior. <i>Neuron</i> , 2021, 109, 3323-3337.e5.	3.8	20
1286	Effect of SSRIs on Resting-State Functional Brain Networks in Adolescents with Major Depressive Disorder. <i>Journal of Clinical Medicine</i> , 2021, 10, 4322.	1.0	6

#	ARTICLE	IF	CITATIONS
1288	Statistical power or more precise insights into neuro-temporal dynamics? Assessing the benefits of rapid temporal sampling in fMRI. <i>Progress in Neurobiology</i> , 2021, 207, 102171.	2.8	6
1289	Neural mechanisms of pain processing differ between endurance athletes and nonathletes: A functional connectivity magnetic resonance imaging study. <i>Human Brain Mapping</i> , 2021, 42, 5927-5942.	1.9	7
1290	Impact of cognitive reserve on dance intervention-induced changes in brain plasticity. <i>Scientific Reports</i> , 2021, 11, 18527.	1.6	6
1291	Altered Effective Connectivity within an Oculomotor Control Network in Unaffected Relatives of Individuals with Schizophrenia. <i>Brain Sciences</i> , 2021, 11, 1228.	1.1	1
1294	Sensory integration in interoception: Interplay between top-down and bottom-up processing. <i>Cortex</i> , 2021, 144, 185-197.	1.1	14
1295	Mapping dependencies of BOLD signal change to end-tidal CO ₂ : Linear and nonlinear modeling, and effect of physiological noise correction. <i>Journal of Neuroscience Methods</i> , 2021, 362, 109317.	1.3	1
1296	Functional networks in non-human primate spinal cord and the effects of injury. <i>NeuroImage</i> , 2021, 240, 118391.	2.1	8
1297	Structural and resting state functional connectivity beyond the cortex. <i>NeuroImage</i> , 2021, 240, 118379.	2.1	25
1298	Changes in Brain Responses to Music and Non-music Sounds Following Creativity Training Within the "Different Hearing" Program. <i>Frontiers in Neuroscience</i> , 2021, 15, 703620.	1.4	2
1299	Effects of testosterone administration on fMRI responses to executive function, aggressive behavior, and emotion processing tasks during severe exercise- and diet-induced energy deficit. <i>NeuroImage</i> , 2021, 243, 118496.	2.1	7
1300	Physiological noise modeling in fMRI based on the pulsatile component of photoplethysmograph. <i>NeuroImage</i> , 2021, 242, 118467.	2.1	12
1301	An isotropic EPI database and analytical pipelines for rat brain resting-state fMRI. <i>NeuroImage</i> , 2021, 243, 118541.	2.1	20
1302	Self-regulation of stress-related large-scale brain network balance using real-time fMRI neurofeedback. <i>NeuroImage</i> , 2021, 243, 118527.	2.1	10
1303	Functional Magnetic Resonance Imaging: Design and Analysis. , 2022, , 114-125.		0
1304	Phase-locking of resting-state brain networks with the gastric basal electrical rhythm. <i>PLoS ONE</i> , 2021, 16, e0244756.	1.1	14
1305	Understanding the Neurocomputational Mechanisms of Antidepressant Placebo Effects. <i>Journal of Psychiatry and Brain Science</i> , 2021, 6, .	0.3	0
1307	Intrinsic network interactions explain individual differences in mentalizing ability in adolescents. <i>Neuropsychologia</i> , 2021, 151, 107737.	0.7	8
1308	Quality Assurance in Functional MRI. <i>Biological Magnetic Resonance</i> , 2015, , 245-270.	0.4	6

#	ARTICLE	IF	CITATIONS
1309	Midbrain fMRI: Applications, Limitations and Challenges. <i>Biological Magnetic Resonance</i> , 2015, , 581-609.	0.4	11
1310	Field Strength Dependence of Contrast and Noise in fMRI. <i>Biological Magnetic Resonance</i> , 2015, , 793-818.	0.4	3
1311	Physiology and Physics of the fMRI Signal. <i>Biological Magnetic Resonance</i> , 2015, , 163-213.	0.4	5
1312	Intrinsic Brain Activity and Resting State Networks. , 2016, , 1625-1676.		4
1313	fMRI of Emotion. <i>Neuromethods</i> , 2009, , 411-456.	0.2	8
1314	Statistical Analysis of fMRI Data. <i>Neuromethods</i> , 2009, , 179-236.	0.2	9
1315	Pharmacological Application of fMRI. <i>Methods in Molecular Biology</i> , 2011, 711, 551-565.	0.4	9
1316	Resting-State fMRI: Preclinical Foundations. , 2020, , 47-63.		3
1318	Pattern Recognition Pipeline for Neuroimaging Data. <i>Lecture Notes in Computer Science</i> , 2018, , 306-319.	1.0	6
1319	fMRI characterisation of widespread brain networks relevant for behavioural variability in fine hand motor control with and without visual feedback. <i>NeuroImage</i> , 2017, 148, 330-342.	2.1	22
1320	A Bayesian heteroscedastic GLM with application to fMRI data with motion spikes. <i>NeuroImage</i> , 2017, 155, 354-369.	2.1	12
1321	Spatially congruent negative BOLD responses to different stimuli do not summate in visual cortex. <i>NeuroImage</i> , 2020, 218, 116891.	2.1	2
1322	Frontoparietal processing of stress-relevant information differs in individuals with a negative cognitive style.. <i>Journal of Abnormal Psychology</i> , 2018, 127, 437-447.	2.0	2
1323	Variability in stroke motor outcome is explained by structural and functional integrity of the motor system. <i>Scientific Reports</i> , 2018, 8, 9480.	1.6	16
1324	Pregabalin Rectifies Aberrant Brain Chemistry, Connectivity, and Functional Response in Chronic Pain Patients. <i>Anesthesiology</i> , 2013, 119, 1453-1464.	1.3	225
1325	A picture is worth a thousand words: linking fibromyalgia pain widespreadness from digital pain drawings with pain catastrophizing and brain cross-network connectivity. <i>Pain</i> , 2021, 162, 1352-1363.	2.0	28
1326	Advances in functional imaging of the human cerebellum. <i>Current Opinion in Neurology</i> , 2010, 23, 382-387.	1.8	69
1355	Denoising of neuronal signal from mixed systemic low-frequency oscillation using peripheral measurement as noise regressor in near-infrared imaging. <i>Neurophotonics</i> , 2019, 6, 1.	1.7	15

#	ARTICLE	IF	CITATIONS
1356	Tulsa 1000: a naturalistic study protocol for multilevel assessment and outcome prediction in a large psychiatric sample. <i>BMJ Open</i> , 2018, 8, e016620.	0.8	88
1358	Computational imaging during video game playing shows dynamic synchronization of cortical and subcortical networks of emotions. <i>PLoS Biology</i> , 2020, 18, e3000900.	2.6	15
1359	Recursive Cluster Elimination Based Support Vector Machine for Disease State Prediction Using Resting State Functional and Effective Brain Connectivity. <i>PLoS ONE</i> , 2010, 5, e14277.	1.1	57
1360	Towards a Physiology-Based Measure of Pain: Patterns of Human Brain Activity Distinguish Painful from Non-Painful Thermal Stimulation. <i>PLoS ONE</i> , 2011, 6, e24124.	1.1	153
1361	Self-Regulation of Amygdala Activation Using Real-Time fMRI Neurofeedback. <i>PLoS ONE</i> , 2011, 6, e24522.	1.1	274
1362	A Functional and Structural Investigation of the Human Fronto-Basal Volitional Saccade Network. <i>PLoS ONE</i> , 2012, 7, e29517.	1.1	52
1363	Functional Network Endophenotypes Unravel the Effects of Apolipoprotein E Epsilon 4 in Middle-Aged Adults. <i>PLoS ONE</i> , 2013, 8, e55902.	1.1	50
1364	On the Origins of Signal Variance in fMRI of the Human Midbrain at High Field. <i>PLoS ONE</i> , 2013, 8, e62708.	1.1	15
1365	BOLD fMRI in the White Matter as a Marker of Aging and Small Vessel Disease. <i>PLoS ONE</i> , 2013, 8, e67652.	1.1	76
1366	Spatio-Temporal Correlation Tensors Reveal Functional Structure in Human Brain. <i>PLoS ONE</i> , 2013, 8, e82107.	1.1	101
1367	Spontaneous BOLD Signal Fluctuations in Young Healthy Subjects and Elderly Patients with Chronic Kidney Disease. <i>PLoS ONE</i> , 2014, 9, e92539.	1.1	31
1368	The Relationship between Fearfulness, GABA+, and Fear-Related BOLD Responses in the Insula. <i>PLoS ONE</i> , 2015, 10, e0120101.	1.1	16
1369	An Automated, Adaptive Framework for Optimizing Preprocessing Pipelines in Task-Based Functional MRI. <i>PLoS ONE</i> , 2015, 10, e0131520.	1.1	57
1370	Neural Responses to Truth Telling and Risk Propensity under Asymmetric Information. <i>PLoS ONE</i> , 2015, 10, e0137014.	1.1	4
1371	Physiological Contribution in Spontaneous Oscillations: An Approximate Quality-Assurance Index for Resting-State fMRI Signals. <i>PLoS ONE</i> , 2016, 11, e0148393.	1.1	6
1372	Alterations in Cortical Sensorimotor Connectivity following Complete Cervical Spinal Cord Injury: A Prospective Resting-State fMRI Study. <i>PLoS ONE</i> , 2016, 11, e0150351.	1.1	52
1373	Suppressing Respiration Effects when Geometric Distortion Is Corrected Dynamically by Phase Labeling for Additional Coordinate Encoding (PLACE) during Functional MRI. <i>PLoS ONE</i> , 2016, 11, e0156750.	1.1	2
1374	Regional Reproducibility of BOLD Calibration Parameter M, OEF and Resting-State CMRO2 Measurements with QUO2 MRI. <i>PLoS ONE</i> , 2016, 11, e0163071.	1.1	24

#	ARTICLE	IF	CITATIONS
1375	Distinction between Neural and Vascular BOLD Oscillations and Intertwined Heart Rate Oscillations at 0.1 Hz in the Resting State and during Movement. PLoS ONE, 2017, 12, e0168097.	1.1	19
1376	Vagal nerve stimulation triggers widespread responses and alters large-scale functional connectivity in the rat brain. PLoS ONE, 2017, 12, e0189518.	1.1	51
1377	Dynamic brain-body coupling of breath-by-breath O ₂ -CO ₂ exchange ratio with resting state cerebral hemodynamic fluctuations. PLoS ONE, 2020, 15, e0238946.	1.1	8
1378	Resting-state connectivity of the bed nucleus of the stria terminalis and the central nucleus of the amygdala in clinical anxiety. Journal of Psychiatry and Neuroscience, 2019, 44, 313-323.	1.4	17
1379	Novel Intrinsic Ignition Method Measuring Local-Global Integration Characterizes Wakefulness and Deep Sleep. ENeuro, 2017, 4, ENEURO.0106-17.2017.	0.9	47
1380	Structural Adaptive Smoothing in Diffusion Tensor Imaging: TheRPackagedti. Journal of Statistical Software, 2009, 31, .	1.8	5
1381	Functional Magnetic Resonance Imaging Evaluation of Auricular Percutaneous Electrical Neural Field Stimulation for Fibromyalgia: Protocol for a Feasibility Study. JMIR Research Protocols, 2018, 7, e39.	0.5	5
1382	The Physiological Bases of Hidden Noise-Induced Hearing Loss: Protocol for a Functional Neuroimaging Study. JMIR Research Protocols, 2018, 7, e79.	0.5	8
1383	Divergent network properties that predict early surgical failure versus late recurrence in temporal lobe epilepsy. Journal of Neurosurgery, 2020, 132, 1324-1333.	0.9	17
1384	Dynamic BOLD functional connectivity in humans and its electrophysiological correlates. Frontiers in Human Neuroscience, 2012, 6, 339.	1.0	248
1385	Functional brain networks in schizophrenia: a review. Frontiers in Human Neuroscience, 2009, 3, 17.	1.0	234
1386	Analysis of fMRI Single Subject Data in the Fourier Domain Acquired Using a Multiple Input Stimulus Experimental Design. Journal of Signal and Information Processing, 2012, 03, 469-480.	0.8	1
1387	fMRI resting state time series causality: comparison of Granger causality and phase slope index. International Journal of Research in Medical Sciences, 2014, 2, 47.	0.0	3
1388	Resting state functional connectivity in the human spinal cord. ELife, 2014, 3, e02812.	2.8	97
1389	A map of abstract relational knowledge in the human hippocampalâ€”entorhinal cortex. ELife, 2017, 6, .	2.8	259
1390	The cortical connectivity of the periaqueductal gray and the conditioned response to the threat of breathlessness. ELife, 2017, 6, .	2.8	62
1391	Value generalization in human avoidance learning. ELife, 2018, 7, .	2.8	34
1392	Content-specific activity in frontoparietal and default-mode networks during prior-guided visual perception. ELife, 2018, 7, .	2.8	41

#	ARTICLE	IF	CITATIONS
1393	Neural dynamics of visual ambiguity resolution by perceptual prior. <i>ELife</i> , 2019, 8, .	2.8	31
1394	Anterior insular cortex plays a critical role in interoceptive attention. <i>ELife</i> , 2019, 8, .	2.8	99
1395	The cerebellum is involved in processing of predictions and prediction errors in a fear conditioning paradigm. <i>ELife</i> , 2019, 8, .	2.8	66
1396	Neural arbitration between social and individual learning systems. <i>ELife</i> , 2020, 9, .	2.8	14
1397	Privateâ€“public mappings in human prefrontal cortex. <i>ELife</i> , 2020, 9, .	2.8	23
1398	Elucidating the nature and mechanism of tic improvement in tourette syndrome: a pilot study. <i>Tremor and Other Hyperkinetic Movements</i> , 2014, 4, 217.	1.1	7
1399	Analysis methods for real-time fMRI neurofeedback. , 2021, , 23-55.		0
1400	New Horizons in Brain Science. <i>Creative Economy</i> , 2021, , 291-310.	0.1	0
1401	Data-Driven EEG Informed Functional MRI Combined with Network Analysis Successfully Identifies the Seizure Onset Zone. <i>Lecture Notes in Computer Science</i> , 2021, , 218-230.	1.0	0
1402	S1 Brain Connectivity in Carpal Tunnel Syndrome Underlies Median Nerve and Functional Improvement Following Electro-Acupuncture. <i>Frontiers in Neurology</i> , 2021, 12, 754670.	1.1	4
1403	Brain Injury and Mental Health Among the Victims of Intimate Partner Violence: A Case-Series Exploratory Study. <i>Frontiers in Psychology</i> , 2021, 12, 710602.	1.1	7
1405	Neural mediators of subjective and autonomic responding during threat learning and regulation. <i>NeuroImage</i> , 2021, 245, 118643.	2.1	10
1407	A Bridge between the Breath and the Brain: Synchronization of Respiration, a Pupillometric Marker of the Locus Coeruleus, and an EEG Marker of Attentional Control State. <i>Brain Sciences</i> , 2021, 11, 1324.	1.1	8
1409	Sensitivity limitations of high-resolution perfusion-based human fMRI at 7ÂˆTesla. <i>Magnetic Resonance Imaging</i> , 2021, 84, 135-144.	1.0	2
1411	Selection of Optimal Pulse Sequences for fMRI. <i>Neuroinformatics</i> , 2009, , 69-108.	0.2	0
1412	Image Quality Issues. , 2009, , 173-199.		0
1413	Experimental Design and Data Analysis Strategies. , 2009, , 221-257.		1
1414	fMRI in Epilepsy. <i>Neuroinformatics</i> , 2009, , 681-735.	0.2	3

#	ARTICLE	IF	CITATIONS
1415	Magnetic Resonance Imaging of Pharmacological Systems. , 2010, , 91-104.		0
1416	Methodological Considerations for Using Bold fMRI in the Clinical Neurosciences. , 2011, , 103-116.		1
1417	Functional Connectivity MR Imaging. , 2011, , 355-371.		4
1418	Experimental Design and Data Analysis for fMRI. , 2011, , 321-330.		0
1419	Understanding the abnormal brain activity in epilepsy as a potential predictor of the onset of an epileptic seizure. ANZIAM Journal, 0, 51, 36.	0.0	0
1421	Hemodynamic Imaging: Functional Magnetic Resonance Imaging. Springer Handbook of Auditory Research, 2012, , 129-162.	0.3	0
1422	An Introduction to the Analysis of Functional Magnetic Resonance Imaging Data. Fields Institute Communications, 2013, , 131-151.	0.6	1
1424	Resting-State-fMRT. , 2013, , 229-256.		1
1425	Physiological Noise Modeling and Analysis for Spinal Cord fMRI. , 2014, , 240-257.		2
1426	Functional Connectivity MR Imaging. , 2015, , 83-104.		0
1427	Experimental Design and Data Analysis for fMRI. , 2015, , 37-50.		0
1445	Basic Principles of Functional MRI. , 2018, , 20-29.		0
1446	Functional Magnetic Resonance Imaging of Eye Movements: Introduction to Methods and Basic Phenomena. Studies in Neuroscience, Psychology and Behavioral Economics, 2019, , 503-548.	0.1	0
1466	A multi-measure approach for assessing the performance of fMRI preprocessing strategies in resting-state functional connectivity. Magnetic Resonance Imaging, 2022, 85, 228-250.	1.0	9
1468	Investigating the human spinal sensorimotor pathways through functional magnetic resonance imaging. NeuroImage, 2021, 245, 118684.	2.1	26
1469	Power spectra reveal distinct BOLD resting-state time courses in white matter. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	16
1470	Diffuse optical tomography in the human brain: A briefly review from the neurophysiology to its applications. Brain Science Advances, 2020, 6, 289-305.	0.3	7
1472	Intrasubject functional connectivity related to self-generated thoughts. Brain and Behavior, 2021, 11, e01860.	1.0	2

#	ARTICLE	IF	CITATIONS
1474	OUP accepted manuscript. Cerebral Cortex, 2021, , .	1.6	2
1475	Functional Magnetic Resonance Imaging-Based Brain Computer Interfaces. , 2020, , 17-47.		1
1479	Deactivation of the attention-shifting ventromedial prefrontal cortex during the encoding and hold phases predicts working memory performance. NeuroReport, 2021, 32, 1408-1415.	0.6	2
1486	The benefit of high-performance gradients on echo planar imaging for BOLD-based resting-state functional MRI. Physics in Medicine and Biology, 2020, 65, 235024.	1.6	6
1491	Effect of Physiological Noise on Thoracolumbar Spinal Cord Functional Magnetic Resonance Imaging in 3T Magnetic Field. Basic and Clinical Neuroscience, 2020, 11, 737-751.	0.3	0
1492	Functional magnetic resonance imaging responses during perceptual decision-making at 3 and 7ÅT in human cortex, striatum, and brainstem. Human Brain Mapping, 2022, 43, 1265-1279.	1.9	11
1494	Advances in spiral fMRI: A high-resolution study with single-shot acquisition. NeuroImage, 2022, 246, 118738.	2.1	18
1495	Processing of fMRI-related anxiety and bi-directional information flow between prefrontal cortex and brain stem. Scientific Reports, 2021, 11, 22348.	1.6	10
1497	Age-Related Intrinsic Functional Connectivity Changes of Locus Coeruleus from Childhood to Older Adults. Brain Sciences, 2021, 11, 1485.	1.1	8
1498	Mapping cortico-subcortical sensitivity to 4 Hz amplitude modulation depth in human auditory system with functional MRI. NeuroImage, 2021, , 118745.	2.1	0
1500	Mild early-life stress exaggerates the impact of acute stress on corticolimbic resting-state functional connectivity. European Journal of Neuroscience, 2022, 55, 2122-2141.	1.2	4
1501	Revealing Brain Activity and White Matter Structure Using Functional and Diffusion-Weighted Magnetic Resonance Imaging. Medical Radiology, 2022, , 21-83.	0.0	0
1502	Effective connectivity and criminal sentencing decisions: dynamic causal models in laypersons and legal experts. Cerebral Cortex, 2022, 32, 4304-4316.	1.6	1
1503	Autonomic arousals contribute to brain fluid pulsations during sleep. NeuroImage, 2022, 249, 118888.	2.1	27
1504	Adolescent stress experienceâ€“expressionâ€“physiology correspondence: Links to depression, self-injurious thoughts and behaviors, and frontolimbic neural circuitry. Journal of Affective Disorders, 2022, 300, 269-279.	2.0	10
1505	Effect of Physiological Noise on Thoracolumbar Spinal Cord Functional Magnetic Resonance Imaging in 3T Magnetic Field. Basic and Clinical Neuroscience, 2020, 11, 737-752.	0.3	3
1506	The Sensory and Motor Components of the Cortical Hierarchy Are Coupled to the Rhythm of the Stomach during Rest. Journal of Neuroscience, 2022, 42, 2205-2220.	1.7	18
1508	Characterization of resting functional MRI activity alterations across epileptic foci and networks. Cerebral Cortex, 2022, 32, 5555-5568.	1.6	5

#	ARTICLE	IF	CITATIONS
1509	Neural heterogeneity underlying late adolescent motivational processing is linked to individual differences in behavioral sensation seeking. <i>Journal of Neuroscience Research</i> , 2022, 100, 762-779.	1.3	7
1510	Brain-wide ongoing activity is responsible for significant cross-trial BOLD variability. <i>Cerebral Cortex</i> , 2022, 32, 5311-5329.	1.6	14
1511	Context-dependent amygdala-prefrontal connectivity in youths with autism spectrum disorder. <i>Research in Autism Spectrum Disorders</i> , 2022, 91, 101913.	0.8	8
1512	Advancing motion denoising of multiband resting-state functional connectivity fMRI data. <i>NeuroImage</i> , 2022, 249, 118907.	2.1	5
1513	Functional connectome of brainstem nuclei involved in autonomic, limbic, pain and sensory processing in living humans from 7 Tesla resting state fMRI. <i>NeuroImage</i> , 2022, 250, 118925.	2.1	21
1514	Functional connectome of arousal and motor brainstem nuclei in living humans by 7 Tesla resting-state fMRI. <i>NeuroImage</i> , 2022, 249, 118865.	2.1	20
1515	Optimizing EEG Source Reconstruction with Concurrent fMRI-Derived Spatial Priors. <i>Brain Topography</i> , 2022, 35, 282-301.	0.8	2
1516	Dynamic variations of resting-state BOLD signal spectra in white matter. <i>NeuroImage</i> , 2022, 250, 118972.	2.1	4
1517	Towards reliable spinal cord fMRI: Assessment of common imaging protocols. <i>NeuroImage</i> , 2022, 250, 118964.	2.1	22
1519	MAGNIMS recommendations for harmonization of MRI data in MS multicenter studies. <i>NeuroImage: Clinical</i> , 2022, 34, 102972.	1.4	11
1520	Morphological Component Analysis of Functional MRI Brain Networks. <i>IEEE Transactions on Biomedical Engineering</i> , 2022, 69, 3193-3204.	2.5	2
1525	A Library for fMRI Real-Time Processing Systems in Python (RTPSpy) With Comprehensive Online Noise Reduction, Fast and Accurate Anatomical Image Processing, and Online Processing Simulation. <i>Frontiers in Neuroscience</i> , 2022, 16, 834827.	1.4	2
1527	Neurofeedback-Augmented Mindfulness Training Elicits Distinct Responses in the Subregions of the Insular Cortex in Healthy Adolescents. <i>Brain Sciences</i> , 2022, 12, 363.	1.1	9
1528	Self-regulation of the posterior cingulate cortex with real-time fMRI neurofeedback augmented mindfulness training in healthy adolescents: A nonrandomized feasibility study. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2022, 22, 849-867.	1.0	7
1529	Real-time and Recursive Estimators for Functional MRI Quality Assessment. <i>Neuroinformatics</i> , 2022, 20, 897-917.	1.5	3
1531	Quantification of Kuramoto Coupling Between Intrinsic Brain Networks Applied to fMRI Data in Major Depressive Disorder. <i>Frontiers in Computational Neuroscience</i> , 2022, 16, 729556.	1.2	1
1532	<sc>DyNAMIc</sc>: A prospective longitudinal study of dopamine and brain connectomes: A new window into cognitive aging. <i>Journal of Neuroscience Research</i> , 2022, 100, 1296-1320.	1.3	10
1533	Cross-Scale Dynamicity of Entropy and Connectivity in the Sleeping Brain. <i>Brain Connectivity</i> , 2022, 12, 835-845.	0.8	3

#	ARTICLE	IF	CITATIONS
1534	On the intersection between data quality and dynamical modelling of large-scale fMRI signals. <i>NeuroImage</i> , 2022, 256, 119051.	2.1	11
1535	Deep attentive spatio-temporal feature learning for automatic resting-state fMRI denoising. <i>NeuroImage</i> , 2022, 254, 119127.	2.1	5
1536	A comprehensive investigation of physiologic noise modeling in resting state fMRI; time shifted cardiac noise in EPI and its removal without external physiologic signal measures.. <i>NeuroImage</i> , 2022, 254, 119136.	2.1	7
1537	An ICA Investigation into the Effect of Physiological Noise Correction on Dynamic Functional Network Connectivity and Meta-state Metrics. , 2021, 2021, 3137-3140.		0
1538	An ICA Investigation into the Effect of Physiological Noise Correction on Dimensionality and Spatial Maps of Intrinsic Connectivity Networks. , 2021, 2021, 3145-3148.		1
1540	Dynamic subcortical modulators of human default mode network function. <i>Cerebral Cortex</i> , 2022, 32, 4345-4355.	1.6	16
1541	Canonical EEG microstates transitions reflect switching among BOLD resting state networks and predict fMRI signal. <i>Journal of Neural Engineering</i> , 2021, 18, 066051.	1.8	2
1542	Personalized Neural Networks Underlie Individual Differences in Ethnic Identity Exploration and Resolution. <i>Journal of Research on Adolescence</i> , 2022, , .	1.9	0
1543	Getting the nod: Pediatric head motion in a transdiagnostic sample during movie- and resting-state fMRI. <i>PLoS ONE</i> , 2022, 17, e0265112.	1.1	12
1544	Retention Effects of Long-Term Balance Training with Vibrotactile Sensory Augmentation in Healthy Older Adults. <i>Sensors</i> , 2022, 22, 3014.	2.1	7
1545	Functional connectivity between mesial temporal and default mode structures may help lateralize surgical temporal lobe epilepsy. <i>Journal of Neurosurgery</i> , 2022, 137, 1571-1581.	0.9	5
1565	Opioid analgesia alters corticospinal coupling along the descending pain system in healthy participants. <i>ELife</i> , 2022, 11, .	2.8	7
1567	Pre-processing of Sub-millimeter GE-BOLD fMRI Data for Laminar Applications. , 2022, 1, .		3
1568	Physiological instability is linked to mortality in primary central nervous system lymphoma: A caseâ€control <sc>fMRI</sc> study. <i>Human Brain Mapping</i> , 2022, 43, 4030-4044.	1.9	3
1569	Graph theory analysis identified two hubs that connect sensorimotor and cognitive and cortical and subcortical nociceptive networks in the non-human primate. <i>NeuroImage</i> , 2022, 257, 119244.	2.1	6
1570	Increased insula activity precedes the formation of subjective illusory Gestalt. <i>NeuroImage</i> , 2022, 257, 119289.	2.1	3
1571	Cine gastric <sc>MRI</sc> reveals altered <sc>Gutâ€Brain</sc> Axis in Functional Dyspepsia: gastric motility is linked with brainstemâ€cortical <sc>fMRI</sc> connectivity. <i>Neurogastroenterology and Motility</i> , 2022, 34, e14396.	1.6	6
1572	Presurgical temporal lobe epilepsy connectome fingerprint for seizure outcome prediction. <i>Brain Communications</i> , 2022, 4, .	1.5	16

#	ARTICLE	IF	CITATIONS
1573	Cortico-Striatal Activity Characterizes Human Safety Learning via Pavlovian Conditioned Inhibition. <i>Journal of Neuroscience</i> , 2022, 42, 5047-5057.	1.7	6
1574	Functional MRI in major depressive disorder: A review of findings, limitations, and future prospects. <i>Journal of Neuroimaging</i> , 2022, 32, 582-595.	1.0	12
1575	Cohesive parcellation of the human brain using resting-state fMRI. <i>Journal of Neuroscience Methods</i> , 2022, 377, 109629.	1.3	0
1576	Real-Time Functional Magnetic Resonance Imaging Dyadic Neurofeedback for Emotion Regulation: A Proof-of-Concept Study. <i>Frontiers in Human Neuroscience</i> , 2022, 16, .	1.0	2
1580	Performance of Temporal and Spatial Independent Component Analysis in Identifying and Removing Low-Frequency Physiological and Motion Effects in Resting-State fMRI. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	5
1581	A two-stage framework for neural processing of biological motion. <i>NeuroImage</i> , 2022, 259, 119403.	2.1	11
1582	Youth with Down syndrome display widespread increased functional connectivity during rest. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
1583	Linking Plasma Amyloid Beta and Neurofilament Light Chain to Intracortical Myelin Content in Cognitively Normal Older Adults. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	2
1584	Task-Dependent Effective Connectivity of the Reward Network During Food Cue-Reactivity: A Dynamic Causal Modeling Investigation. <i>Frontiers in Behavioral Neuroscience</i> , 0, 16, .	1.0	3
1585	A longitudinal resource for studying connectome development and its psychiatric associations during childhood. <i>Scientific Data</i> , 2022, 9, .	2.4	18
1587	The INSIDEOUT framework provides precise signatures of the balance of intrinsic and extrinsic dynamics in brain states. <i>Communications Biology</i> , 2022, 5, .	2.0	23
1588	Dynamic Changes in the Central Autonomic Network of Patients with Anorexia Nervosa. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
1589	Applications of Advanced MRI to Disorders of Consciousness. <i>Seminars in Neurology</i> , 2022, 42, 325-334.	0.5	7
1590	Spinal Cord fMRI: A New Window into the Central Nervous System. <i>Neuroscientist</i> , 2023, 29, 715-731.	2.6	18
1592	Arousal and salience network connectivity alterations in surgical temporal lobe epilepsy. <i>Journal of Neurosurgery</i> , 2022, , 1-11.	0.9	1
1594	Ultra-slow fMRI fluctuations in the fourth ventricle as a marker of drowsiness. <i>NeuroImage</i> , 2022, 259, 119424.	2.1	9
1595	Functional connectivity in the dorsal network of the cervical spinal cord is correlated with diffusion tensor imaging indices in relapsing-remitting multiple sclerosis. <i>NeuroImage: Clinical</i> , 2022, 35, 103127.	1.4	5
1596	The effect of endovascular baroreflex amplification on central sympathetic nerve circuits and cerebral blood flow in patients with resistant hypertension: A functional MRI study. , 0, 1, .		1

#	ARTICLE	IF	CITATIONS
1597	Reinforcement learning with associative or discriminative generalization across states and actions: fMRI at 3ÅT and 7ÅT. <i>Human Brain Mapping</i> , 2022, 43, 4750-4790.	1.9	5
1598	A Large-Scale Brain Network for Species-Specific Dynamic Human Body Perception. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1600	fMRI spectral signatures of sleep. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	14
1602	Temporal stability of the hemodynamic response function across the majority of human cerebral cortex. <i>Human Brain Mapping</i> , 2022, 43, 4924-4942.	1.9	7
1604	Asymmetric representation of aversive prediction errors in Pavlovian threat conditioning. <i>NeuroImage</i> , 2022, 263, 119579.	2.1	1
1606	WHOCARES: WHOLE-brain Cardiac signal REgression from highly accelerated simultaneous multi-Slice fMRI acquisitions. <i>Journal of Neural Engineering</i> , 2022, 19, 056006.	1.8	3
1608	Anomalous and heterogeneous characteristics of the BOLD hemodynamic response function in white matter. <i>Cerebral Cortex Communications</i> , 2022, 3, .	0.7	9
1609	Mode decomposition-based time-varying phase synchronization for fMRI. <i>NeuroImage</i> , 2022, 261, 119519.	2.1	1
1610	Multimodal MRI of myalgic encephalomyelitis/chronic fatigue syndrome: A cross-sectional neuroimaging study toward its neuropathophysiology and diagnosis. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	2
1611	Nonlinear Conditional Time-Varying Granger Causality of Task fMRI via Deep Stacking Networks and Adaptive Convolutional Kernels. <i>Lecture Notes in Computer Science</i> , 2022, , 271-281.	1.0	2
1612	Speech cortical activation and connectivity in typically developing children and those with listening difficulties. <i>NeuroImage: Clinical</i> , 2022, 36, 103172.	1.4	4
1613	fMRI studies evaluating central respiratory control in humans. <i>Frontiers in Neural Circuits</i> , 0, 16, .	1.4	3
1614	Project, toolkit, and database of neuroinformatics ecosystem: A summary of previous studies on "Frontiers in Neuroinformatics" Frontiers in Neuroinformatics, 0, 16, .	1.3	0
1615	A temporal sequence of thalamic activity unfolds at transitions in behavioral arousal state. <i>Nature Communications</i> , 2022, 13, .	5.8	11
1617	Central autonomic network alterations in male endurance athletes. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
1618	Intrinsic Brain Activity and Resting State Networks. , 2022, , 1939-1990.		0
1619	Processing of sensory, painful and vestibular stimuli in the thalamus. <i>Brain Structure and Function</i> , 2023, 228, 433-447.	1.2	4
1620	Correcting cardiorespiratory noise in resting-state functional MRI data acquired in critically ill patients. <i>Brain Communications</i> , 0, , .	1.5	0

#	ARTICLE	IF	CITATIONS
1622	Maladaptive Laterality in Cortical Networks Related to Social Communication in Autism Spectrum Disorder. <i>Journal of Neuroscience</i> , 2022, 42, 9045-9052.	1.7	6
1623	Evaluation of noise regression techniques in resting-state fMRI studies using data of 434 older adults. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	5
1624	Neural underpinning of a respiration-associated resting-state fMRI network. <i>ELife</i> , 0, 11, .	2.8	11
1625	Effects of variability in manually contoured spinal cord masks on fMRI co-registration and interpretation. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	4
1626	Measuring brain beats: Cardiac-aligned fast functional magnetic resonance imaging signals. <i>Human Brain Mapping</i> , 2023, 44, 280-294.	1.9	5
1627	Data-driven discovery of canonical large-scale brain dynamics. <i>Cerebral Cortex Communications</i> , 2022, 3, .	0.7	4
1628	Retrospective correction of dynamic B0 field variations. <i>Advances in Magnetic Resonance Technology and Applications</i> , 2023, , 287-300.	0.0	0
1629	Functional MRI. <i>Advances in Magnetic Resonance Technology and Applications</i> , 2023, , 499-515.	0.0	0
1631	A randomized pharmacological fMRI trial investigating d-cycloserine and brain plasticity mechanisms in learned pain responses. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
1632	Pre-diabetes is associated with altered functional connectivity density in cortical regions of the default-mode network. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	3
1635	Robust high spatio-temporal line-scanning fMRI in humans at 7T using multi-echo readouts, denoising and prospective motion correction. <i>Journal of Neuroscience Methods</i> , 2023, 384, 109746.	1.3	5
1636	Unsupervised physiological noise correction of functional magnetic resonance imaging data using phase and magnitude information (<sc>PREPAIR</sc>). <i>Human Brain Mapping</i> , 2023, 44, 1209-1226.	1.9	4
1637	Dynamic shimming in the cervical spinal cord for multi-echo gradient-echo imaging at 3T. <i>NeuroImage Reports</i> , 2023, 3, 100150.	0.5	3
1638	Mixture Components Inference for Sparse Regression: Introduction and Application for Estimation of Neuronal Signal from fMRI BOLD. <i>Applied Mathematical Modelling</i> , 2023, 116, 735-748.	2.2	2
1639	Effect of spinal anesthesia-induced deafferentation on pain processing in healthy male volunteers: A task-related fMRI study. <i>Frontiers in Pain Research</i> , 0, 3, .	0.9	2
1640	Central Autonomic Network Alterations in Anorexia Nervosa Following Peripheral Adrenergic Stimulation. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2023, 8, 720-730.	1.1	1
1641	Effects of Physiological Signal Removal on Resting-State Functional MRI Metrics. <i>Brain Sciences</i> , 2023, 13, 8.	1.1	1
1642	Reliable Fast (20 Hz) Acquisition Rate by a TD fNIRS Device: Brain Resting-State Oscillation Studies. <i>Sensors</i> , 2023, 23, 196.	2.1	3

#	ARTICLE	IF	CITATIONS
1643	A large-scale brain network of species-specific dynamic human body perception. <i>Progress in Neurobiology</i> , 2023, 221, 102398.	2.8	3
1644	Network organization of resting-state cerebral hemodynamics and their aliasing contributions measured by functional near-infrared spectroscopy. <i>Journal of Neural Engineering</i> , 0, , .	1.8	0
1645	Flexible sensory-motor mapping rules manifest in correlated variability of stimulus and action codes across the brain. <i>Neuron</i> , 2023, 111, 571-584.e9.	3.8	3
1646	Improving robustness of 3D multi-shot EPI by structured low-rank reconstruction of segmented CAIPI sampling for fMRI at 7T. <i>NeuroImage</i> , 2023, 267, 119827.	2.1	1
1649	The generalization of behavioral control over physical threats to social stressors in humans: a pilot fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 2023, , 111598.	0.9	0
1651	Functional neuroanatomy of reading in Czech: Evidence of a dual-route processing architecture in a shallow orthography. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	0
1653	Improvement of olfactory fMRI activation and hemodynamic response function curve with respiration correction. <i>Journal of Neuroscience Methods</i> , 2023, 386, 109782.	1.3	0
1654	Effects of non-modifiable risk factors of Alzheimer's disease on intracortical myelin content. <i>Alzheimer's Research and Therapy</i> , 2022, 14, .	3.0	3
1656	Neural fatigue by passive induction: repeated stimulus exposure results in cognitive fatigue and altered representations in task-relevant networks. <i>Communications Biology</i> , 2023, 6, .	2.0	1
1657	Improvement of cognition across a decade after stroke correlates with the integrity of functional brain networks. <i>NeuroImage: Clinical</i> , 2023, 37, 103356.	1.4	1
1658	Functional magnetic resonance imaging of headache: Issues, best practices, and new directions, a narrative review. <i>Headache</i> , 2023, 63, 309-321.	1.8	3
1659	Cortical amyloid-beta burden is associated with changes in intracortical myelin in cognitively normal older adults. <i>Translational Psychiatry</i> , 2023, 13, .	2.4	1
1660	Evaluating increases in sensitivity from NORDIC for diverse fMRI acquisition strategies. <i>NeuroImage</i> , 2023, 270, 119949.	2.1	8
1661	Improved sensitivity and microvascular weighting of 3T laminar fMRI with GE-BOLD using NORDIC and phase regression. <i>NeuroImage</i> , 2023, 271, 120011.	2.1	6
1663	Experimental Design and Data Analysis Strategies. , 2022, , 267-322.		0
1664	Image Quality Issues. , 2022, , 213-246.		0
1665	Direct machine learning reconstruction of respiratory variation waveforms from resting state fMRI data in a pediatric population. <i>NeuroImage</i> , 2023, 269, 119904.	2.1	2
1667	An examination of the reliability of seed-to-seed resting state functional connectivity in tinnitus patients. <i>NeuroImage Reports</i> , 2023, 3, 100158.	0.5	1

#	ARTICLE	IF	CITATIONS
1668	Characterization of visual processing in temporomandibular disorders using functional magnetic resonance imaging. <i>Brain and Behavior</i> , 2023, 13, .	1.0	2
1669	Resting-state neural correlates of visual Gestalt experience. <i>Cerebral Cortex</i> , 2023, 33, 7175-7184.	1.6	2
1670	Frequency-specific brain network architecture in resting-state fMRI. <i>Scientific Reports</i> , 2023, 13, .	1.6	6
1671	Identifying the distinct spectral dynamics of laminar-specific interhemispheric connectivity with bilateral line-scanning fMRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2023, 43, 1115-1129.	2.4	4
1672	Subcortical contributions to salience network functioning during negative emotional processing. <i>NeuroImage</i> , 2023, 270, 119964.	2.1	4
1674	The frontoparietal multiple demand network interacts with the dual pathways in auditory working memory. <i>Cerebral Cortex</i> , 0, , .	1.6	0
1676	Abnormal functional connectivity of the posterior hypothalamus and other arousal regions in surgical temporal lobe epilepsy. <i>Journal of Neurosurgery</i> , 2023, , 1-11.	0.9	0
1677	Investigating Intra-Individual Networks of Response Inhibition and Interference Resolution using 7T MRI. <i>NeuroImage</i> , 2023, 271, 119988.	2.1	6
1678	Brain effective connectivity and functional connectivity as markers of lifespan vascular exposures in middle-aged adults: The Bogalusa Heart Study. <i>Frontiers in Aging Neuroscience</i> , 0, 15, .	1.7	1
1680	An imaging-based method of mapping echo BOLD intracranial pulsatility. <i>Magnetic Resonance in Medicine</i> , 0, , .	1.9	1
1681	Dynamic changes in the central autonomic network of patients with anorexia nervosa. <i>European Journal of Neuroscience</i> , 2023, 57, 1597-1610.	1.2	1
1682	Neural processing of pain-related distress to neck-specific movements in people with chronic whiplash-associated disorders. <i>Pain</i> , 2023, 164, 1954-1964.	2.0	1
1683	Sleep fMRI with simultaneous electrophysiology at 9.4T in male mice. <i>Nature Communications</i> , 2023, 14, .	5.8	8
1685	Structural disconnection relates to functional changes after temporal lobe epilepsy surgery. <i>Brain</i> , 2023, 146, 3913-3922.	3.7	2
1691	Functional Connectivity MR Imaging. , 2023, , 521-541.		0
1692	Principles of BOLD Functional MRI. , 2023, , 461-472.		1
1702	Experimental Design and Data Analysis for fMRI. , 2023, , 485-495.		0
1705	Clinical application of connectomics to disorders of consciousness. , 2023, , 409-421.		0

#	ARTICLE	IF	CITATIONS
1706	Quality assurance: Best practices. , 2023, , 237-253.		0
1707	Interoceptive influences on resting-state fMRI. , 2023, , 87-105.		0
1708	Advances in resting-state fMRI acquisition: Highly accelerated fMRI. , 2023, , 255-275.		0
1709	Head motion and physiological effects. , 2023, , 107-130.		0
1710	Systemic low-frequency oscillations in resting-state fMRI. , 2023, , 155-173.		0
1717	Interoceptive rhythms in the brain. Nature Neuroscience, 2023, 26, 1670-1684.	7.1	9
1721	Brainstem imaging. Advances in Magnetic Resonance Technology and Applications, 2023, , 287-299.	0.0	0
1732	Joint Estimation of Neural Events and Hemodynamic Response Functions from Task fMRI via Convolutional Neural Networks. Lecture Notes in Computer Science, 2023, , 67-78.	1.0	0