

Saad Jbabdi

List of Publications by Year in Descending Order

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Version: 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

162
papers

21,365
citations

69
h-index

146
g-index

194
ext. papers

27,699
ext. citations

7.9
avg, IF

6.78
L-index

#	Paper	IF	Citations
162	The Digital Brain Bank, an open access platform for post-mortem datasets.. <i>ELife</i> , 2022 , 11,	8.9	1
161	SARS-CoV-2 is associated with changes in brain structure in UK Biobank.. <i>Nature</i> , 2022 ,	50.4	74
160	Clinical applications of magnetic resonance imaging based functional and structural connectivity. <i>NeuroImage</i> , 2021 , 244, 118649	7.9	1
159	Four Deep Brain Stimulation Targets for Obsessive-Compulsive Disorder: Are They Different?. <i>Biological Psychiatry</i> , 2021 , 90, 667-677	7.9	23
158	Functional and diffusion MRI reveal the neurophysiological basis of neonatesSnxious-stimulus evoked brain activity. <i>Nature Communications</i> , 2021 , 12, 2744	17.4	4
157	Brain imaging before and after COVID-19 in UK Biobank 2021 ,		31
156	Quantifying myelin in crossing fibers using diffusion-prepared phase imaging: Theory and simulations. <i>Magnetic Resonance in Medicine</i> , 2021 , 86, 2618-2634	4.4	1
155	FSL-MRS: An end-to-end spectroscopy analysis package. <i>Magnetic Resonance in Medicine</i> , 2021 , 85, 2950-2964	7.9	9
154	Modelling white matter in gyral blades as a continuous vector field. <i>NeuroImage</i> , 2021 , 227, 117693	7.9	8
153	A Common Space Approach to Comparative Neuroscience. <i>Annual Review of Neuroscience</i> , 2021 , 44, 69-86	8.7	14
152	Hierarchical modelling of functional brain networks in population and individuals from big fMRI data. <i>NeuroImage</i> , 2021 , 243, 118513	7.9	0
151	Non-negative data-driven mapping of structural connections with application to the neonatal brain. <i>NeuroImage</i> , 2020 , 222, 117273	7.9	7
150	Towards HCP-Style macaque connectomes: 24-Channel 3T multi-array coil, MRI sequences and preprocessing. <i>NeuroImage</i> , 2020 , 215, 116800	7.9	28
149	XTRACT - Standardised protocols for automated tractography in the human and macaque brain. <i>NeuroImage</i> , 2020 , 217, 116923	7.9	56
148	Transient spectral events in resting state MEG predict individual task responses. <i>NeuroImage</i> , 2020 , 215, 116818	7.9	2
147	Improved fibre dispersion estimation using b-tensor encoding. <i>NeuroImage</i> , 2020 , 215, 116832	7.9	12
146	Modeling an equivalent b-value in diffusion-weighted steady-state free precession. <i>Magnetic Resonance in Medicine</i> , 2020 , 84, 873-884	4.4	7

145	Cross-species cortical alignment identifies different types of anatomical reorganization in the primate temporal lobe. <i>ELife</i> , 2020 , 9,	8.9	37
144	Human decisions about when to act originate within a basal forebrain-nigral circuit. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 11799-11810	11.5	4
143	Circuits, Networks, and Neuropsychiatric Disease: Transitioning From Anatomy to Imaging. <i>Biological Psychiatry</i> , 2020 , 87, 318-327	7.9	23
142	Use of multi-flip angle measurements to account for transmit inhomogeneity and non-Gaussian diffusion in DW-SSFP. <i>NeuroImage</i> , 2020 , 220, 117113	7.9	3
141	Longitudinal connections and the organization of the temporal cortex in macaques, great apes, and humans. <i>PLoS Biology</i> , 2020 , 18, e3000810	9.7	25
140	Challenges and future directions for representations of functional brain organization. <i>Nature Neuroscience</i> , 2020 , 23, 1484-1495	25.5	35
139	Auditory and pain processing is severely disrupted at slow wave activity saturation under general anaesthesia. <i>British Journal of Anaesthesia</i> , 2019 , 123, e514	5.4	
138	Structural Variability in the Human Brain Reflects Fine-Grained Functional Architecture at the Population Level. <i>Journal of Neuroscience</i> , 2019 , 39, 6136-6149	6.6	18
137	The spatial correspondence and genetic influence of interhemispheric connectivity with white matter microstructure. <i>Nature Neuroscience</i> , 2019 , 22, 809-819	25.5	31
136	Automated processing pipeline for neonatal diffusion MRI in the developing Human Connectome Project. <i>NeuroImage</i> , 2019 , 185, 750-763	7.9	59
135	What is special about the human arcuate fasciculus? Lateralization, projections, and expansion. <i>Cortex</i> , 2019 , 118, 107-115	3.8	54
134	Joint modelling of diffusion MRI and microscopy. <i>NeuroImage</i> , 2019 , 201, 116014	7.9	10
133	A connectional hub in the rostral anterior cingulate cortex links areas of emotion and cognitive control. <i>ELife</i> , 2019 , 8,	8.9	39
132	Concurrent analysis of white matter bundles and grey matter networks in the chimpanzee. <i>Brain Structure and Function</i> , 2019 , 224, 1021-1033	4	12
131	Using GPUs to accelerate computational diffusion MRI: From microstructure estimation to tractography and connectomes. <i>NeuroImage</i> , 2019 , 188, 598-615	7.9	48
130	Automated quality control for within and between studies diffusion MRI data using a non-parametric framework for movement and distortion correction. <i>NeuroImage</i> , 2019 , 184, 801-812	7.9	78
129	Bayesian Optimisation of Large-Scale Biophysical Networks. <i>NeuroImage</i> , 2018 , 174, 219-236	7.9	7
128	A gyral coordinate system predictive of fibre orientations. <i>NeuroImage</i> , 2018 , 176, 417-430	7.9	7

127	Functional Segmentation of the Anterior Limb of the Internal Capsule: Linking White Matter Abnormalities to Specific Connections. <i>Journal of Neuroscience</i> , 2018 , 38, 2106-2117	6.6	78
126	Connectivity and the search for specializations in the language-capable brain. <i>Current Opinion in Behavioral Sciences</i> , 2018 , 21, 19-26	4	32
125	Concurrent white matter bundles and grey matter networks using independent component analysis. <i>NeuroImage</i> , 2018 , 170, 296-306	7.9	26
124	Choice of reference measurements affects quantification of long diffusion time behaviour using stimulated echoes. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 952-959	4.4	3
123	Time-efficient and flexible design of optimized multishell HARDI diffusion. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 1276-1292	4.4	49
122	Image processing and Quality Control for the first 10,000 brain imaging datasets from UK Biobank. <i>NeuroImage</i> , 2018 , 166, 400-424	7.9	415
121	Dissecting the pathobiology of altered MRI signal in amyotrophic lateral sclerosis: A post mortem whole brain sampling strategy for the integration of ultra-high-field MRI and quantitative neuropathology. <i>BMC Neuroscience</i> , 2018 , 19, 11	3.2	26
120	An empirical, 21st century evaluation of phrenology. <i>Cortex</i> , 2018 , 106, 26-35	3.8	11
119	A biophysical model of dynamic balancing of excitation and inhibition in fast oscillatory large-scale networks. <i>PLoS Computational Biology</i> , 2018 , 14, e1006007	5	35
118	Whole brain comparative anatomy using connectivity blueprints. <i>ELife</i> , 2018 , 7,	8.9	75
117	Feasibility of Diffusion Tensor and Morphologic Imaging of Peripheral Nerves at Ultra-High Field Strength. <i>Investigative Radiology</i> , 2018 , 53, 705-713	10.1	5
116	Extending the Human Connectome Project across ages: Imaging protocols for the Lifespan Development and Aging projects. <i>NeuroImage</i> , 2018 , 183, 972-984	7.9	101
115	A Machine Learning Approach to Diffusion MRI Partial Volume Estimation. <i>Lecture Notes in Computer Science</i> , 2018 , 42-51	0.9	
114	Connectivity Fingerprints: From Areal Descriptions to Abstract Spaces. <i>Trends in Cognitive Sciences</i> , 2018 , 22, 1026-1037	14	83
113	Resting connectivity predicts task activation in pre-surgical populations. <i>NeuroImage: Clinical</i> , 2017 , 13, 378-385	5.3	36
112	Evaluating fibre orientation dispersion in white matter: Comparison of diffusion MRI, histology and polarized light imaging. <i>NeuroImage</i> , 2017 , 157, 561-574	7.9	95
111	Subthalamic deep brain stimulation sweet spots and hyperdirect cortical connectivity in Parkinson's disease. <i>NeuroImage</i> , 2017 , 158, 332-345	7.9	131
110	Pathology of callosal damage in ALS: An $7T$ diffusion tensor MRI study. <i>NeuroImage: Clinical</i> , 2017 , 15, 200-208	5.3	30

109	Improved tractography using asymmetric fibre orientation distributions. <i>NeuroImage</i> , 2017 , 158, 205-218	9.9	29
108	Investigation of Slow-wave Activity Saturation during Surgical Anesthesia Reveals a Signature of Neural Inertia in Humans. <i>Anesthesiology</i> , 2017 , 127, 645-657	4.3	40
107	Multimodal population brain imaging in the UK Biobank prospective epidemiological study. <i>Nature Neuroscience</i> , 2016 , 19, 1523-1536	25.5	739
106	Using Diffusion Tractography to Predict Cortical Connection Strength and Distance: A Quantitative Comparison with Tracers in the Monkey. <i>Journal of Neuroscience</i> , 2016 , 36, 6758-70	6.6	225
105	Dentatorubrothalamic tract localization with postmortem MR diffusion tractography compared to histological 3D reconstruction. <i>Brain Structure and Function</i> , 2016 , 221, 3487-501	4	31
104	The extreme capsule fiber complex in humans and macaque monkeys: a comparative diffusion MRI tractography study. <i>Brain Structure and Function</i> , 2016 , 221, 4059-4071	4	71
103	Unmasking Latent Inhibitory Connections in Human Cortex to Reveal Dormant Cortical Memories. <i>Neuron</i> , 2016 , 90, 191-203	13.9	81
102	A probabilistic atlas of the cerebellar white matter. <i>NeuroImage</i> , 2016 , 124, 724-732	7.9	54
101	Revealing the neural fingerprints of a missing hand. <i>ELife</i> , 2016 , 5,	8.9	73
100	Perceptually relevant remapping of human somatotopy in 24 hours. <i>ELife</i> , 2016 , 5,	8.9	27
99	Anesthesia-induced Suppression of Human Dorsal Anterior Insula Responsivity at Loss of Volitional Behavioral Response. <i>Anesthesiology</i> , 2016 , 124, 766-78	4.3	19
98	Investigating the Stability of Fine-Grain Digit Somatotopy in Individual Human Participants. <i>Journal of Neuroscience</i> , 2016 , 36, 1113-27	6.6	63
97	Task-free MRI predicts individual differences in brain activity during task performance. <i>Science</i> , 2016 , 352, 216-20	33.3	432
96	Fusion in diffusion MRI for improved fibre orientation estimation: An application to the 3T and 7T data of the Human Connectome Project. <i>NeuroImage</i> , 2016 , 134, 396-409	7.9	67
95	Tractography Study of Deep Brain Stimulation of the Anterior Cingulate Cortex in Chronic Pain: Key to Improve the Targeting. <i>World Neurosurgery</i> , 2016 , 86, 361-70.e1-3	2.1	18
94	Tract-Based Spatial Statistics and Other Approaches for Cross-Subject Comparison of Local Diffusion MRI Parameters 2015 , 437-464		2
93	Heritability of fractional anisotropy in human white matter: a comparison of Human Connectome Project and ENIGMA-DTI data. <i>NeuroImage</i> , 2015 , 111, 300-11	7.9	159
92	Measuring macroscopic brain connections in vivo. <i>Nature Neuroscience</i> , 2015 , 18, 1546-55	25.5	225

91	A model for extra-axonal diffusion spectra with frequency-dependent restriction. <i>Magnetic Resonance in Medicine</i> , 2015 , 73, 2306-20	4.4	14
90	Diffusion tensor imaging of dolphin brains reveals direct auditory pathway to temporal lobe. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282,	4.4	26
89	Thalamo-Cortical Disruption Contributes to Short-Term Memory Deficits in Patients with Medial Temporal Lobe Damage. <i>Cerebral Cortex</i> , 2015 , 25, 4584-95	5.1	15
88	Connectivity-based segmentation of the periaqueductal gray matter in human with brainstem optimized diffusion MRI. <i>Human Brain Mapping</i> , 2015 , 36, 3459-71	5.9	49
87	High resolution whole brain diffusion imaging at 7T for the Human Connectome Project. <i>NeuroImage</i> , 2015 , 122, 318-31	7.9	114
86	Connectivity-based functional analysis of dopamine release in the striatum using diffusion-weighted MRI and positron emission tomography. <i>Cerebral Cortex</i> , 2014 , 24, 1165-77	5.1	203
85	MR Diffusion Tractography 2014 , 429-451		7
84	MSM: a new flexible framework for Multimodal Surface Matching. <i>NeuroImage</i> , 2014 , 100, 414-26	7.9	347
83	Differential structural and resting state connectivity between insular subdivisions and other pain-related brain regions. <i>Pain</i> , 2014 , 155, 2047-55	8	96
82	Mapping Connections in Humans and Non-Human Primates 2014 , 337-358		31
81	Improving diffusion-weighted imaging of post-mortem human brains: SSFP at 7 T. <i>NeuroImage</i> , 2014 , 102 Pt 2, 579-89	7.9	29
80	Cross-Subject Comparison of Local Diffusion MRI Parameters 2014 , 209-239		2
79	fMRI and sleep correlates of the age-related impairment in motor memory consolidation. <i>Human Brain Mapping</i> , 2014 , 35, 3625-45	5.9	91
78	Imaging Structure and Function 2014 , 585-605		2
77	Comprehensive morphometry of subcortical grey matter structures in early-stage Parkinson's disease. <i>Human Brain Mapping</i> , 2014 , 35, 1681-90	5.9	66
76	The organization of dorsal frontal cortex in humans and macaques. <i>Journal of Neuroscience</i> , 2013 , 33, 12255-74	6.6	281
75	Effects of image reconstruction on fiber orientation mapping from multichannel diffusion MRI: reducing the noise floor using SENSE. <i>Magnetic Resonance in Medicine</i> , 2013 , 70, 1682-9	4.4	132
74	Spatially constrained hierarchical parcellation of the brain with resting-state fMRI. <i>NeuroImage</i> , 2013 , 76, 313-24	7.9	158

73	Causal effect of disconnection lesions on interhemispheric functional connectivity in rhesus monkeys. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 13982-7	11.5	152
72	The CONNECT project: Combining macro- and micro-structure. <i>NeuroImage</i> , 2013 , 80, 273-82	7.9	93
71	Advances in diffusion MRI acquisition and processing in the Human Connectome Project. <i>NeuroImage</i> , 2013 , 80, 125-43	7.9	596
70	RubiX: combining spatial resolutions for Bayesian inference of crossing fibers in diffusion MRI. <i>IEEE Transactions on Medical Imaging</i> , 2013 , 32, 969-82	11.7	29
69	The topographic connectome. <i>Current Opinion in Neurobiology</i> , 2013 , 23, 207-15	7.6	73
68	Human and monkey ventral prefrontal fibers use the same organizational principles to reach their targets: tracing versus tractography. <i>Journal of Neuroscience</i> , 2013 , 33, 3190-201	6.6	165
67	Imaging human connectomes at the macroscale. <i>Nature Methods</i> , 2013 , 10, 524-39	21.6	294
66	The minimal preprocessing pipelines for the Human Connectome Project. <i>NeuroImage</i> , 2013 , 80, 105-24	7.9	2298
65	Pushing spatial and temporal resolution for functional and diffusion MRI in the Human Connectome Project. <i>NeuroImage</i> , 2013 , 80, 80-104	7.9	534
64	Long-range connectomics. <i>Annals of the New York Academy of Sciences</i> , 2013 , 1305, 83-93	6.5	24
63	Brain systems for probabilistic and dynamic prediction: computational specificity and integration. <i>PLoS Biology</i> , 2013 , 11, e1001662	9.7	27
62	Slow-wave activity saturation and thalamocortical isolation during propofol anesthesia in humans. <i>Science Translational Medicine</i> , 2013 , 5, 208ra148	17.5	119
61	Motor skill learning induces changes in white matter microstructure and myelination. <i>Journal of Neuroscience</i> , 2013 , 33, 19499-503	6.6	276
60	The temporoparietal fiber intersection area and wernicke perpendicular fasciculus. <i>Neurosurgery</i> , 2013 , 73, E381-2	3.2	13
59	Accelerating fibre orientation estimation from diffusion weighted magnetic resonance imaging using GPUs. <i>PLoS ONE</i> , 2013 , 8, e61892	3.7	101
58	Multimodal surface matching: fast and generalisable cortical registration using discrete optimisation. <i>Lecture Notes in Computer Science</i> , 2013 , 23, 475-86	0.9	31
57	How can a Bayesian approach inform neuroscience?. <i>European Journal of Neuroscience</i> , 2012 , 35, 1169-79	3.5	51
56	Connectivity-based subdivisions of the human right "temporoparietal junction area": evidence for different areas participating in different cortical networks. <i>Cerebral Cortex</i> , 2012 , 22, 1894-903	5.1	383

55	Diffusion tractography of post-mortem human brains: optimization and comparison of spin echo and steady-state free precession techniques. <i>NeuroImage</i> , 2012 , 59, 2284-97	7.9	59
54	Ball and rackets: Inferring fiber fanning from diffusion-weighted MRI. <i>NeuroImage</i> , 2012 , 60, 1412-25	7.9	124
53	Model-based analysis of multishell diffusion MR data for tractography: how to get over fitting problems. <i>Magnetic Resonance in Medicine</i> , 2012 , 68, 1846-55	4.4	222
52	Probabilistic tractography recovers a rostrocaudal trajectory of connectivity variability in the human insular cortex. <i>Human Brain Mapping</i> , 2012 , 33, 2005-34	5.9	200
51	Relating brain damage to brain plasticity in patients with multiple sclerosis. <i>Neurorehabilitation and Neural Repair</i> , 2012 , 26, 581-93	4.7	52
50	A brain network processing the age of faces. <i>PLoS ONE</i> , 2012 , 7, e49451	3.7	10
49	Diffusion imaging of whole, post-mortem human brains on a clinical MRI scanner. <i>NeuroImage</i> , 2011 , 57, 167-181	7.9	193
48	Network analysis detects changes in the contralesional hemisphere following stroke. <i>NeuroImage</i> , 2011 , 54, 161-9	7.9	160
47	DTI measures in crossing-fibre areas: increased diffusion anisotropy reveals early white matter alteration in MCI and mild Alzheimer's disease. <i>NeuroImage</i> , 2011 , 55, 880-90	7.9	381
46	Social network size affects neural circuits in macaques. <i>Science</i> , 2011 , 334, 697-700	33.3	332
45	Automated probabilistic reconstruction of white-matter pathways in health and disease using an atlas of the underlying anatomy. <i>Frontiers in Neuroinformatics</i> , 2011 , 5, 23	3.9	361
44	Structural and functional bases for individual differences in motor learning. <i>Human Brain Mapping</i> , 2011 , 32, 494-508	5.9	107
43	Tractography: where do we go from here?. <i>Brain Connectivity</i> , 2011 , 1, 169-83	2.7	429
42	Preservation of motor skill learning in patients with multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2011 , 17, 103-15	5	52
41	Diffusion-weighted imaging tractography-based parcellation of the human parietal cortex and comparison with human and macaque resting-state functional connectivity. <i>Journal of Neuroscience</i> , 2011 , 31, 4087-100	6.6	394
40	Motor practice promotes increased activity in brain regions structurally disconnected after subcortical stroke. <i>Neurorehabilitation and Neural Repair</i> , 2011 , 25, 607-16	4.7	42
39	Continuity, divergence, and the evolution of brain language pathways. <i>Frontiers in Evolutionary Neuroscience</i> , 2011 , 3, 11		111
38	Cortical and subcortical connectivity changes during decreasing levels of consciousness in humans: a functional magnetic resonance imaging study using propofol. <i>Journal of Neuroscience</i> , 2010 , 30, 9095-102	6.6	166

37	Anatomical and functional connectivity of cytoarchitectonic areas within the human parietal operculum. <i>Journal of Neuroscience</i> , 2010 , 30, 6409-21	6.6	283
36	Connectivity-based segmentation of the substantia nigra in human and its implications in Parkinson's disease. <i>NeuroImage</i> , 2010 , 52, 1175-80	7.9	102
35	Crossing fibres in tract-based spatial statistics. <i>NeuroImage</i> , 2010 , 49, 249-56	7.9	145
34	Structural correlates of preterm birth in the adolescent brain. <i>Pediatrics</i> , 2009 , 124, e964-72	7.4	85
33	219 A CLINICAL AND IMAGING PROTOCOL FOR THE DETAILED EVALUATION OF CHRONIC NEUROPATHIC PAIN IN MULTIPLE SCLEROSIS. <i>European Journal of Pain</i> , 2009 , 13, S71a	3.7	
32	486 CHRONIC NEUROPATHIC PAIN IN MULTIPLE SCLEROSIS: CLINICAL AND IMAGING FINDINGS, WITH A SPECIAL FOCUS ON THE THALAMUS. <i>European Journal of Pain</i> , 2009 , 13, S144b	3.7	
31	Imaging Structure and Function 2009 , 461-480		1
30	MR Diffusion Tractography 2009 , 333-351		20
29	Multiple-subjects connectivity-based parcellation using hierarchical Dirichlet process mixture models. <i>NeuroImage</i> , 2009 , 44, 373-84	7.9	77
28	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	7.9	116
27	High resolution diffusion-weighted imaging in fixed human brain using diffusion-weighted steady state free precession. <i>NeuroImage</i> , 2009 , 46, 775-85	7.9	142
26	In vivo evidence for the selective subcortical degeneration in Huntington's disease. <i>NeuroImage</i> , 2009 , 46, 958-66	7.9	165
25	MRI characteristics of the substantia nigra in Parkinson's disease: a combined quantitative T1 and DTI study. <i>NeuroImage</i> , 2009 , 47, 435-41	7.9	142
24	Bayesian analysis of neuroimaging data in FSL. <i>NeuroImage</i> , 2009 , 45, S173-86	7.9	1553
23	Integration of Measures of Functional and Structural MRI. <i>NeuroMethods</i> , 2009 , 785-809	0.4	
22	Changes in connectivity after visual cortical brain damage underlie altered visual function. <i>Brain</i> , 2008 , 131, 1433-44	11.2	185
21	Accurate anisotropic fast marching for diffusion-based geodesic tractography. <i>International Journal of Biomedical Imaging</i> , 2008 , 2008, 320195	5.2	79
20	Preoperative estimation of residual volume for WHO grade II glioma resected with intraoperative functional mapping. <i>Neuro-Oncology</i> , 2007 , 9, 63-9	1	82

19	Probabilistic diffusion tractography with multiple fibre orientations: What can we gain? <i>NeuroImage</i> , 2007 , 34, 144-55	7.9	2514
18	Symmetrical event-related EEG/fMRI information fusion in a variational Bayesian framework. <i>NeuroImage</i> , 2007 , 36, 69-87	7.9	143
17	A Bayesian framework for global tractography. <i>NeuroImage</i> , 2007 , 37, 116-29	7.9	215
16	Diffusion-weighted imaging tractography-based parcellation of the human lateral premotor cortex identifies dorsal and ventral subregions with anatomical and functional specializations. <i>Journal of Neuroscience</i> , 2007 , 27, 10259-69	6.6	275
15	Identification of large-scale networks in the brain using fMRI. <i>NeuroImage</i> , 2006 , 29, 1231-43	7.9	117
14	Simulation of anisotropic growth of low-grade gliomas using diffusion tensor imaging. <i>Magnetic Resonance in Medicine</i> , 2005 , 54, 616-24	4.4	202
13	Whole brain comparative anatomy using connectivity blueprints		1
12	Using GPUs to accelerate computational diffusion MRI: From microstructure estimation to tractography and connectomes		1
11	Image Processing and Quality Control for the first 10,000 Brain Imaging Datasets from UK Biobank		6
10	An empirical, 21st century evaluation of phrenology		1
9	Joint modelling of diffusion MRI and microscopy		2
8	Towards HCP-Style Macaque Connectomes: 24-Channel 3T Multi-Array Coil, MRI Sequences and Preprocessing		2
7	Cross-species cortical alignment identifies different types of neuroanatomical reorganization in the temporal lobe of higher primates		5
6	XTRACT - Standardised protocols for automated tractography in the human and macaque brain		3
5	Use of multi-flip angle measurements to account for transmit inhomogeneity and non-Gaussian diffusion in DW-SSFP		1
4	The Digital Brain Bank, an open access platform for post-mortem datasets		2
3	Hierarchical modelling of functional brain networks in population and individuals from big fMRI data		1
2	Accurate predictions of individual differences in task-evoked brain activity from resting-state fMRI using a sparse ensemble learner		1

1	Estimation of Li-Ion Degradation Test Sample Sizes Required to Understand Cell-to-Cell Variability**. <i>Batteries and Supercaps</i> ,	5.6	3
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