Thomas E Nichols

List of Publications by Year
in descending order

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		5267	1091
264	63,237	83	232
papers	citations	h-index	g-index

330	330	330	45344
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Associations of cognitive performance with cardiovascular magnetic resonance phenotypes in the UK Biobank. European Heart Journal Cardiovascular Imaging, 2022, 23, 663-672.	1.2	12
2	Discussion on â€œdistributional independent component analysis for diverse neuroimaging modalitiesâ€• by Ben Wu, Subhadip Pal, Jian Kang, and Ying Guo. Biometrics, 2022, 78, 1113-1117.	1.4	2
3	Isolating the sources of <scp>pipelineâ€variability</scp> in <scp>groupâ€level taskâ€fMRI</scp> results. Human Brain Mapping, 2022, 43, 1112-1128.	3.6	19
4	How patients with multiple sclerosis acquire disability. Brain, 2022, 145, 3147-3161.	7.6	126
5	The additive impact of <scp>cardioâ€metabolic</scp> disorders and psychiatric illnesses on accelerated brain aging. Human Brain Mapping, 2022, 43, 1997-2010.	3.6	8
6	The expected behaviour of random fields in high dimensions: contradictions in the results of Bansal and Peterson [ ]. Magnetic Resonance Imaging, 2022, , .	1.8	0
7	Reproducible brain-wide association studies require thousands of individuals. Nature, 2022, 603, 654-660.	27.8	842
8	SARS-CoV-2 is associated with changes in brain structure in UK Biobank. Nature, 2022, 604, 697-707.	27.8	825
9	Alcohol consumption and MRI markers of brain structure and function: Cohort study of 25,378 UK Biobank participants. NeuroImage: Clinical, 2022, 35, 103066.	2.7	14
10	An interactive meta-analysis of MRI biomarkers of myelin. , 2022, 1, 4.		1
11	NiMARE: Neuroimaging Meta-Analysis Research Environment. , 2022, 1, 7.		24
12	Structural Brain Correlates of Childhood Inhibited Temperament: An ENIGMA-Anxiety Mega-analysis. Journal of the American Academy of Child and Adolescent Psychiatry, 2022, 61, 1182-1188.	0.5	2
13	Causal inference on neuroimaging data with Mendelian randomisation. NeuroImage, 2022, 258, 119385.	4.2	16
14	Associations between moderate alcohol consumption, brain iron, and cognition in UK Biobank participants: Observational and mendelian randomization analyses. PLoS Medicine, 2022, 19, e1004039.	8.4	28
15	Large-scale GWAS reveals genetic architecture of brain white matter microstructure and genetic overlap with cognitive and mental health traits (nâ€‰=â€‰17,706). Molecular Psychiatry, 2021, 26, 3943-3955.	7.9	100
16	Confound modelling in UK Biobank brain imaging. NeuroImage, 2021, 224, 117002.	4.2	135
17	Shared and Anxiety-Specific Pediatric Psychopathology Dimensions Manifest Distributed Neural Correlates. Biological Psychiatry, 2021, 89, 579-587.	1.3	26
18	Confidence Sets for Cohenâ€™s d effect size images. NeuroImage, 2021, 226, 117477.	4.2	21

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19	OUP accepted manuscript. Cerebral Cortex, 2021, , .	2.9	3
20	Multimodal Imaging Brain Markers in Early Adolescence Are Linked with a Physically Active Lifestyle. Journal of Neuroscience, 2021, 41, 1092-1104.	3.6	8
21	Characterisation of MS phenotypes across the age span using a novel data set integrating 34 clinical trials (NO.MS cohort): Age is a key contributor to presentation. Multiple Sclerosis Journal, 2021, 27, 2062-2076.	3.0	25
22	Comparison of regional brain deficit patterns in common psychiatric and neurological disorders as revealed by big data. NeuroImage: Clinical, 2021, 29, 102574.	2.7	9
23	The effect of a one-year vigorous physical activity intervention on fitness, cognitive performance and mental health in young adolescents: the Fit to Study cluster randomised controlled trial. International Journal of Behavioral Nutrition and Physical Activity, 2021, 18, 47.	4.6	23
24	Pitfalls in brain age analyses. Human Brain Mapping, 2021, 42, 4092-4101.	3.6	50
25	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. Neuron, 2021, 109, 1769-1775.	8.1	27
26	Fisher Scoring for crossed factor linear mixed models. Statistics and Computing, 2021, 31, 53.	1.5	7
27	Voxel-wise and spatial modelling of binary lesion masks: Comparison of methods with a realistic simulation framework. NeuroImage, 2021, 236, 118090.	4.2	2
28	White Matter Integrity and Nicotine Dependence: Evaluating Vertical and Horizontal Pleiotropy. Frontiers in Neuroscience, 2021, 15, 738037.	2.8	6
29	Reassessing associations between white matter and behaviour with multimodal microstructural imaging. Cortex, 2021, 145, 187-200.	2.4	10
30	Comparing empirical kinship derived heritability for imaging genetics traits in the UK biobank and human connectome project. NeuroImage, 2021, 245, 118700.	4.2	2
31	Advancing data science in drug development through an innovative computational framework for data sharing and statistical analysis. BMC Medical Research Methodology, 2021, 21, 250.	3.1	9
32	Selective peak inference: Unbiased estimation of raw and standardized effect size at local maxima. NeuroImage, 2020, 209, 116375.	4.2	6
33	Associations between fitness, physical activity and mental health in a community sample of young British adolescents: baseline data from the Fit to Study trial. BMJ Open Sport and Exercise Medicine, 2020, 6, e000819.	2.9	20
34	The genetics-BIDS extension: Easing the search for genetic data associated with human brain imaging. GigaScience, 2020, 9, .	6.4	7
35	Estimating the prevalence of missing experiments in a neuroimaging metaâ€analysis. Research Synthesis Methods, 2020, 11, 866-883.	8.7	28
36	Cerebrovascular risk factors impact frontoparietal network integrity and executive function in healthy ageing. Nature Communications, 2020, 11, 4340.	12.8	59

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37	The psychological correlates of distinct neural states occurring during wakeful rest. Scientific Reports, 2020, 10, 21121.	3.3	44
38	Variability in the analysis of a single neuroimaging dataset by many teams. Nature, 2020, 582, 84-88.	27.8	634
39	Multiâ€subject stochastic blockmodels with mixed effects for adaptive analysis of individual differences in human brain network cluster structure. Statistica Neerlandica, 2020, 74, 363-396.	1.6	0
40	Quantifying uncertainty in brain-predicted age using scalar-on-image quantile regression. NeuroImage, 2020, 219, 116938.	4.2	18
41	Multiple testing correction over contrasts for brain imaging. NeuroImage, 2020, 216, 116760.	4.2	52
42	Permutation inference for canonical correlation analysis. NeuroImage, 2020, 220, 117065.	4.2	59
43	Developmental maturation of inhibitory control circuitry in a high-risk sample: A longitudinal fMRI study. Developmental Cognitive Neuroscience, 2020, 43, 100781.	4.0	12
44	Multi-subject Stochastic Blockmodels for adaptive analysis of individual differences in human brain network cluster structure. NeuroImage, 2020, 220, 116611.	4.2	7
45	Guidelines for the content and format of PET brain data in publications and archives: A consensus paper. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1576-1585.	4.3	47
46	Spatial distribution and cognitive impact of cerebrovascular risk-related white matter hyperintensities. NeuroImage: Clinical, 2020, 28, 102405.	2.7	23
47	Brain aging comprises many modes of structural and functional change with distinct genetic and biophysical associations. ELife, 2020, 9, .	6.0	122
48	An interactive meta-analysis of MRI biomarkers of myelin. ELife, 2020, 9, .	6.0	99
49	Discovering correlates of age-related decline in a healthy late-midlife male birth cohort. Aging, 2020, 12, 16709-16743.	3.1	2
50	Bayesian Log-Gaussian Cox Process Regression: Applications to Meta-Analysis of Neuroimaging Working Memory Studies. Journal of the Royal Statistical Society Series C: Applied Statistics, 2019, 68, 217-234.	1.0	11
51	Homogenizing Estimates of Heritability Among SOLAR-Eclipse, OpenMx, APACE, and FPHI Software Packages in Neuroimaging Data. Frontiers in Neuroinformatics, 2019, 13, 16.	2.5	23
52	Towards algorithmic analytics for large-scale datasets. Nature Machine Intelligence, 2019, 1, 296-306.	16.0	58
53	Spatial confidence sets for raw effect size images. NeuroImage, 2019, 203, 116187.	4.2	16
54	The harmonic mean p-value: Strong versus weak control, and the assumption of independence. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23382-23383.	7.1	9

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55	Estimation of brain age delta from brain imaging. NeuroImage, 2019, 200, 528-539.	4.2	274
56	Structural Variability in the Human Brain Reflects Fine-Grained Functional Architecture at the Population Level. Journal of Neuroscience, 2019, 39, 6136-6149.	3.6	29
57	Effective degrees of freedom of the Pearson's correlation coefficient under autocorrelation. NeuroImage, 2019, 199, 609-625.	4.2	89
58	Accelerated estimation and permutation inference for ACE modeling. Human Brain Mapping, 2019, 40, 3488-3507.	3.6	19
59	Beyond Bonferroni revisited: concerns over inflated false positive research findings in the fields of conservation genetics, biology, and medicine. Conservation Genetics, 2019, 20, 927-937.	1.5	59
60	Exploring the impact of analysis software on task fMRI results. Human Brain Mapping, 2019, 40, 3362-3384.	3.6	101
61	Reply to Chen et al.: Parametric methods for cluster inference perform worse for twoâ€sided t â€tests. Human Brain Mapping, 2019, 40, 1689-1691.	3.6	4
62	MRI-based prediction of conversion from clinically isolated syndrome to clinically definite multiple sclerosis using SVM and lesion geometry. Brain Imaging and Behavior, 2019, 13, 1361-1374.	2.1	27
63	Stable betweenâ€subject statistical inference from unstable withinâ€subject functional connectivity estimates. Human Brain Mapping, 2019, 40, 1234-1243.	3.6	16
64	Modelling the distribution of white matter hyperintensities due to ageing on MRI images using Bayesian inference. NeuroImage, 2019, 185, 434-445.	4.2	9
65	Cluster failure revisited: Impact of first level design and physiological noise on cluster false positive rates. Human Brain Mapping, 2019, 40, 2017-2032.	3.6	60
66	Genomic kinship construction to enhance genetic analyses in the human connectome project data. Human Brain Mapping, 2019, 40, 1677-1688.	3.6	14
67	Probabilistic TFCE: A generalized combination of cluster size and voxel intensity to increase statistical power. NeuroImage, 2019, 185, 12-26.	4.2	71
68	A group analysis using the Multiregression Dynamic Models for fMRI networked time series. Journal of Statistical Planning and Inference, 2019, 198, 43-61.	0.6	4
69	Discovering markers of healthy aging: a prospective study in a Danish male birth cohort. Aging, 2019, 11, 5943-5974.	3.1	11
70	Ten simple rules for neuroimaging meta-analysis. Neuroscience and Biobehavioral Reviews, 2018, 84, 151-161.	6.1	564
71	Directed functional connectivity using dynamic graphical models. NeuroImage, 2018, 175, 340-353.	4.2	23
72	Data Sharing in Psychology: A Survey on Barriers and Preconditions. Advances in Methods and Practices in Psychological Science, 2018, 1, 70-85.	9.4	135

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73	Statistical Challenges in â€œBig Dataâ€•Human Neuroimaging. Neuron, 2018, 97, 263-268.	8.1	268
74	Insight and inference for DVARS. NeuroImage, 2018, 172, 291-312.	4.2	76
75	Generalizable representations of pain, cognitive control, and negative emotion in medial frontal cortex. Nature Neuroscience, 2018, 21, 283-289.	14.8	187
76	Joint Analysis of Cortical Area and Thickness as a Replacement for the Analysis of the Volume of the Cerebral Cortex. Cerebral Cortex, 2018, 28, 738-749.	2.9	92
77	Spatial Bayesian Latent Factor Regression Modeling of Coordinate-based Meta-analysis Data. Biometrics, 2018, 74, 342-353.	1.4	15
78	Unravelling the GSK3Î²-related genotypic interaction network influencing hippocampal volume in recurrent major depressive disorder. Psychiatric Genetics, 2018, 28, 77-84.	1.1	27
79	Extending the Human Connectome Project across ages: Imaging protocols for the Lifespan Development and Aging projects. NeuroImage, 2018, 183, 972-984.	4.2	290
80	Comparison of heritability estimates on resting state fMRI connectivity phenotypes using the ENIGMA analysis pipeline. Human Brain Mapping, 2018, 39, 4893-4902.	3.6	45
81	Fast and powerful genome wide association of dense genetic data with high dimensional imaging phenotypes. Nature Communications, 2018, 9, 3254.	12.8	6
82	The Lifespan Human Connectome Project in Development: A large-scale study of brain connectivity development in 5â€“21 year olds. NeuroImage, 2018, 183, 456-468.	4.2	184
83	Making replication prestigious. Behavioral and Brain Sciences, 2018, 41, e131.	0.7	15
84	Heritability estimates on resting state fMRI data using ENIGMA analysis pipeline. , 2018, , .		20
85	Combining multi-modality data for searching biomarkers in schizophrenia. PLoS ONE, 2018, 13, e0191202.	2.5	22
86	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. NeuroImage, 2017, 145, 389-408.	4.2	173
87	Novel genetic loci associated with hippocampal volume. Nature Communications, 2017, 8, 13624.	12.8	250
88	A defense of using resting-state fMRI as null data for estimating false positive rates. Cognitive Neuroscience, 2017, 8, 144-149.	1.4	14
89	Improving data availability for brain image biobanking in healthy subjects: Practice-based suggestions from an international multidisciplinary working group. NeuroImage, 2017, 153, 399-409.	4.2	13
90	Best practices in data analysis and sharing in neuroimaging using MRI. Nature Neuroscience, 2017, 20, 299-303.	14.8	482

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91	Reply to Brown and Behrmann, Cox, et al., and Kessler et al.: Data and code sharing is the way forward for fMRI. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3374-E3375.	7.1	16
92	Scanning the horizon: towards transparent and reproducible neuroimaging research. Nature Reviews Neuroscience, 2017, 18, 115-126.	10.2	1,041
93	Accelerating permutation testing in voxel-wise analysis through subspace tracking: A new plugin for SnPM. NeuroImage, 2017, 159, 79-98.	4.2	6
94	Variance decomposition for single-subject task-based fMRI activity estimates across many sessions. NeuroImage, 2017, 154, 206-218.	4.2	13
95	Comparison of a nonâ€stationary voxelationâ€corrected clusterâ€size test with TFCE for groupâ€Level MRI inference. Human Brain Mapping, 2017, 38, 1269-1280.	3.6	23
96	Generalized reduced rank latent factor regression for high dimensional tensor fields, and neuroimaging-genetic applications. NeuroImage, 2017, 144, 35-57.	4.2	9
97	The Coordinate-Based Meta-Analysis of Neuroimaging Data. Statistical Science, 2017, 32, 580-599.	2.8	38
98	Studying the effective brain connectivity using multiregression dynamic models. Brazilian Journal of Probability and Statistics, 2017, 31, .	0.4	4
99	Personalized Medication Response Prediction for Attention-Deficit Hyperactivity Disorder: Learning in the Model Space vs. Learning in the Data Space. Frontiers in Physiology, 2017, 8, 199.	2.8	14
100	Voxelwise distribution of acute ischemic stroke lesions in patients with newly diagnosed atrial fibrillation: Trigger of arrhythmia or only target of embolism?. PLoS ONE, 2017, 12, e0177474.	2.5	15
101	The heritability of multi-modal connectivity in human brain activity. ELife, 2017, 6, .	6.0	107
102	Modelling the penumbra in Computed Tomography1. Journal of X-Ray Science and Technology, 2016, 24, 583-597.	1.0	14
103	Exploring fMRI Results Space: 31 Variants of an fMRI Analysis in AFNI, FSL, and SPM. Frontiers in Neuroinformatics, 2016, 10, 24.	2.5	30
104	When the Single Matters more than the Group (II): Addressing the Problem of High False Positive Rates in Single Case Voxel Based Morphometry Using Non-parametric Statistics. Frontiers in Neuroscience, 2016, 10, 6.	2.8	24
105	Sharing brain mapping statistical results with the neuroimaging data model. Scientific Data, 2016, 3, 160102.	5.3	53
106	Behavior, sensitivity, and power of activation likelihood estimation characterized by massive empirical simulation. NeuroImage, 2016, 137, 70-85.	4.2	547
107	Statistical Analysis of fMRI Data. Neuromethods, 2016, , 183-239.	0.3	1
108	Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582.	14.8	213

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109	Heterochronicity of white matter development and aging explains regional patient control differences in schizophrenia. Human Brain Mapping, 2016, 37, 4673-4688.	3.6	53
110	Nonâ€parametric combination and related permutation tests for neuroimaging. Human Brain Mapping, 2016, 37, 1486-1511.	3.6	211
111	The brain imaging data structure, a format for organizing and describing outputs of neuroimaging experiments. Scientific Data, 2016, 3, 160044.	5.3	1,038
112	Faster permutation inference in brain imaging. NeuroImage, 2016, 141, 502-516.	4.2	242
113	Cluster failure: Why fMRI inferences for spatial extent have inflated false-positive rates. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7900-7905.	7.1	2,809
114	Sharing the wealth: Neuroimaging data repositories. NeuroImage, 2016, 124, 1065-1068.	4.2	83
115	Multi-modal characterization of rapid anterior hippocampal volume increase associated with aerobic exercise. NeuroImage, 2016, 131, 162-170.	4.2	119
116	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. Nature Neuroscience, 2016, 19, 420-431.	14.8	204
117	The common genetic influence over processing speed and white matter microstructure: Evidence from the Old Order Amish and Human Connectome Projects. NeuroImage, 2016, 125, 189-197.	4.2	29
118	NeuroVault.org: A repository for sharing unthresholded statistical maps, parcellations, and atlases of the human brain. NeuroImage, 2016, 124, 1242-1244.	4.2	70
119	Fixing the stimulus-as-fixed-effect fallacy in task fMRI. Wellcome Open Research, 2016, 1, 23.	1.8	61
120	Seeking Optimal Region-Of-Interest (ROI) Single-Value Summary Measures for fMRI Studies in Imaging Genetics. PLoS ONE, 2016, 11, e0151391.	2.5	38
121	Searching Multiregression Dynamic Models of Resting-State fMRI Networks Using Integer Programming. Bayesian Analysis, 2015, 10, .	3.0	25
122	Classifying individuals at high-risk for psychosis based on functional brain activity during working memory processing. NeuroImage: Clinical, 2015, 9, 555-563.	2.7	21
123	NeuroVault.org: a web-based repository for collecting and sharing unthresholded statistical maps of the human brain. Frontiers in Neuroinformatics, 2015, 9, 8.	2.5	482
124	An Ultra-High Field Magnetic Resonance Spectroscopy Study of Post Exercise Lactate, Glutamate and Glutamine Change in the Human Brain. Frontiers in Physiology, 2015, 6, 351.	2.8	35
125	A Bayesian Model of Category-Specific Emotional Brain Responses. PLoS Computational Biology, 2015, 11, e1004066.	3.2	212
126	A kernel machine method for detecting effects of interaction between multidimensional variable sets: An imaging genetics application. NeuroImage, 2015, 109, 505-514.	4.2	23

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127	Toward a Multisubject Analysis of Neural Connectivity. Neural Computation, 2015, 27, 151-170.	2.2	4
128	Empirically investigating the statistical validity of SPM, FSL and AFNI for single subject fMRI analysis. , 2015, , .		13
129	Medial demons registration localizes the degree of genetic influence over subcortical shape variability: An N= 1480 meta-analysis. , 2015, 2015, 1402-1406.		29
130	Massively expedited genome-wide heritability analysis (MEGHA). Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2479-2484.	7.1	69
131	Multiple comparison procedures for neuroimaging genomewide association studies. Biostatistics, 2015, 16, 17-30.	1.5	9
132	Common genetic variants influence human subcortical brain structures. Nature, 2015, 520, 224-229.	27.8	772
133	Fast and powerful heritability inference for family-based neuroimaging studies. NeuroImage, 2015, 115, 256-268.	4.2	33
134	Cluster-based computational methods for mass univariate analyses of event-related brain potentials/fields: A simulation study. Journal of Neuroscience Methods, 2015, 250, 85-93.	2.5	202
135	Heritability of fractional anisotropy in human white matter: A comparison of Human Connectome Project and ENIGMA-DTI data. NeuroImage, 2015, 111, 300-311.	4.2	227
136	Age differences in the brain mechanisms of good taste. NeuroImage, 2015, 113, 298-309.	4.2	37
137	A positive-negative mode of population covariation links brain connectivity, demographics and behavior. Nature Neuroscience, 2015, 18, 1565-1567.	14.8	782
138	FVGWAS: Fast voxelwise genome wide association analysis of large-scale imaging genetic data. NeuroImage, 2015, 118, 613-627.	4.2	38
139	Multi-level block permutation. NeuroImage, 2015, 123, 253-268.	4.2	212
140	A voxelation-corrected non-stationary 3D cluster-size test based on random field theory. NeuroImage, 2015, 118, 676-682.	4.2	4
141	Stochastic Blockmodeling of the Modules and Core of the Caenorhabditis elegans Connectome. PLoS ONE, 2014, 9, e97584.	2.5	59
142	Joint genetic analysis of hippocampal size in mouse and human identifies a novel gene linked to neurodegenerative disease. BMC Genomics, 2014, 15, 850.	2.8	59
143	Progression in disability and regional grey matter atrophy in relapsingâ€“remitting multiple sclerosis. Multiple Sclerosis Journal, 2014, 20, 202-213.	3.0	30
144	Global Genetic Variations Predict Brain Response to Faces. PLoS Genetics, 2014, 10, e1004523.	3.5	18

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145	Impact of family structure and common environment on heritability estimation for neuroimaging genetics studies using Sequential Oligogenic Linkage Analysis Routines. Journal of Medical Imaging, 2014, 1, 014005.	1.5	12
146	On study design in neuroimaging heritability analyses. , 2014, , .		0
147	Combining meta- and mega- analytic approaches for multi-site diffusion imaging based genetic studies: From the ENIGMA-DTI working group. , 2014, , .		0
148	Fast and accurate modelling of longitudinal and repeated measures neuroimaging data. NeuroImage, 2014, 94, 287-302.	4.2	162
149	Post-hoc power estimation for topological inference in fMRI. NeuroImage, 2014, 84, 45-64.	4.2	26
150	Development of Impulse Control Circuitry in Children of Alcoholics. Biological Psychiatry, 2014, 76, 708-716.	1.3	49
151	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. Brain Imaging and Behavior, 2014, 8, 153-182.	2.1	696
152	Imaging proteomics for diagnosis, monitoring and prediction of Alzheimer's disease. NeuroImage, 2014, 102, 657-665.	4.2	22
153	Permutation inference for the general linear model. NeuroImage, 2014, 92, 381-397.	4.2	2,870
154	Multi-site study of additive genetic effects on fractional anisotropy of cerebral white matter: Comparing meta and megaanalytical approaches for data pooling. NeuroImage, 2014, 95, 136-150.	4.2	127
155	Analysis of multiple sclerosis lesions via spatially varying coefficients. Annals of Applied Statistics, 2014, 8, 1095-1118.	1.1	21
156	A Bayesian hierarchical spatial point process model for multi-type neuroimaging meta-analysis. Annals of Applied Statistics, 2014, 8, 1800-1824.	1.1	24
157	Power Estimates for Voxel-Based Genetic Association Studies Using Diffusion Imaging. Mathematics and Visualization, 2014, , 229-238.	0.6	2
158	Spatial Modeling of Multiple Sclerosis for Disease Subtype Prediction. Lecture Notes in Computer Science, 2014, 17, 797-804.	1.3	5
159	Alternative-based thresholding with application to presurgical fMRI. Cognitive, Affective and Behavioral Neuroscience, 2013, 13, 703-713.	2.0	9
160	Functional connectomics from resting-state fMRI. Trends in Cognitive Sciences, 2013, 17, 666-682.	7.8	802
161	Preventing Alzheimerâ€™s disease-related gray matter atrophy by B-vitamin treatment. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9523-9528.	7.1	422
162	Multi-site genetic analysis of diffusion images and voxelwise heritability analysis: A pilot project of the ENIGMAâ€“DTI working group. NeuroImage, 2013, 81, 455-469.	4.2	354

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163	Genetics of the connectome. NeuroImage, 2013, 80, 475-488.	4.2	149
164	Transcriptomics of cortical gray matter thickness decline during normal aging. NeuroImage, 2013, 82, 273-283.	4.2	18
165	A Bayesian non-parametric Potts model with application to pre-surgical FMRI data. Statistical Methods in Medical Research, 2013, 22, 364-381.	1.5	17
166	Dynamic filtering of static dipoles in magnetoencephalography. Annals of Applied Statistics, 2013, 7, .	1.1	16
167	Boosting BOLD fMRI by K-Space Density Weighted Echo Planar Imaging. PLoS ONE, 2013, 8, e74501.	2.5	3
168	Spatiotemporal distribution of white matter lesions in relapsingâ€“remitting and secondary progressive multiple sclerosis. Multiple Sclerosis Journal, 2012, 18, 1577-1584.	3.0	26
169	Orbitofrontal Connectivity with Resting-State Networks Is Associated with Midbrain Dopamine D3 Receptor Availability. Cerebral Cortex, 2012, 22, 2784-2793.	2.9	62
170	Multiple testing corrections, nonparametric methods, and random field theory. NeuroImage, 2012, 62, 811-815.	4.2	172
171	Identification of common variants associated with human hippocampal and intracranial volumes. Nature Genetics, 2012, 44, 552-561.	21.4	594
172	Genetic variation in GOLM1 and prefrontal cortical volume in Alzheimer's disease. Neurobiology of Aging, 2012, 33, 457-465.	3.1	14
173	The danger of systematic bias in group-level FMRI-lag-based causality estimation. NeuroImage, 2012, 59, 1228-1229.	4.2	54
174	Measuring and comparing brain cortical surface area and other areal quantities. NeuroImage, 2012, 61, 1428-1443.	4.2	157
175	Increasing power for voxel-wise genome-wide association studies: The random field theory, least square kernel machines and fast permutation procedures. NeuroImage, 2012, 63, 858-873.	4.2	76
176	Multivariate pattern classification of gray matter pathology in multiple sclerosis. NeuroImage, 2012, 60, 400-408.	4.2	47
177	A hybrid procedure for detecting global treatment effects in multivariate clinical trials: theory and applications to fMRI studies. Statistics in Medicine, 2012, 31, 253-268.	1.6	4
178	Longitudinal gray matter changes in multiple sclerosisâ€”Differential scanner and overall diseaseâ€related effects. Human Brain Mapping, 2012, 33, 1225-1245.	3.6	40
179	A Comparison of Gray Matter Density in Restless Legs Syndrome Patients and Matched Controls Using Voxelâ€Based Morphometry. Journal of Neuroimaging, 2012, 22, 28-32.	2.0	35
180	False positives in neuroimaging genetics using voxel-based morphometry data. NeuroImage, 2011, 54, 992-1000.	4.2	135

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181	Network modelling methods for FMRI. NeuroImage, 2011, 54, 875-891.	4.2	1,588
182	Adjusting the effect of nonstationarity in cluster-based and TFCE inference. NeuroImage, 2011, 54, 2006-2019.	4.2	123
183	Large-scale automated synthesis of human functional neuroimaging data. Nature Methods, 2011, 8, 665-670.	19.0	2,993
184	A Multi-Center Randomized Proof-of-Concept Clinical Trial Applying [18F]FDG-PET for Evaluation of Metabolic Therapy with Rosiglitazone XR in Mild to Moderate Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 22, 1241-1256.	2.6	86
185	Genetic Analysis of Cortical Thickness and Fractional Anisotropy of Water Diffusion in the Brain. Frontiers in Neuroscience, 2011, 5, 120.	2.8	52
186	Brain Network Analysis: Separating Cost from Topology Using Cost-Integration. PLoS ONE, 2011, 6, e21570.	2.5	155
187	Structural Brain Changes in Patients with Recurrent Major Depressive Disorder Presenting with Anxiety Symptoms. , 2011, 21, 375-382.		44
188	Thyroid hormone transporter genes and grey matter changes in patients with major depressive disorder and healthy controls. Psychoneuroendocrinology, 2011, 36, 929-934.	2.7	6
189	Using Gaussian-Process Regression for Meta-Analytic Neuroimaging Inference Based on Sparse Observations. IEEE Transactions on Medical Imaging, 2011, 30, 1401-1416.	8.9	29
190	Meta Analysis of Functional Neuroimaging Data via Bayesian Spatial Point Processes. Journal of the American Statistical Association, 2011, 106, 124-134.	3.1	48
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