

# Thomas E Nichols

## List of Publications by Year in Descending Order

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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.

289  
papers

46,192  
citations

76  
h-index

214  
g-index

330  
ext. papers

56,543  
ext. citations

7.5  
avg, IF

7.85  
L-index

#	Paper	IF	Citations
289	How patients with multiple sclerosis acquire disability.. <i>Brain</i> , <b>2022</b> ,	11.2	10
288	The additive impact of cardio-metabolic disorders and psychiatric illnesses on accelerated brain aging.. <i>Human Brain Mapping</i> , <b>2022</b> ,	5.9	3
287	The expected behaviour of random fields in high dimensions: contradictions in the results of Bansal and Peterson []. <i>Magnetic Resonance Imaging</i> , <b>2022</b> ,	3.3	
286	Reproducible brain-wide association studies require thousands of individuals.. <i>Nature</i> , <b>2022</b> , 603, 654-669	66.4	34
285	SARS-CoV-2 is associated with changes in brain structure in UK Biobank.. <i>Nature</i> , <b>2022</b> ,	50.4	74
284	Alcohol consumption and MRI markers of brain structure and function: Cohort study of 25,378 UK Biobank participants. <i>NeuroImage: Clinical</i> , <b>2022</b> , 35, 103066	5.3	0
283	An interactive meta-analysis of MRI biomarkers of myelin <b>2022</b> , 1, 4		
282	Large-scale GWAS reveals genetic architecture of brain white matter microstructure and genetic overlap with cognitive and mental health traits (n = 17,706). <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 3943-3955	15.1	35
281	Comparing empirical kinship derived heritability for imaging genetics traits in the UK biobank and human connectome project. <i>NeuroImage</i> , <b>2021</b> , 245, 118700	7.9	1
280	Advancing data science in drug development through an innovative computational framework for data sharing and statistical analysis. <i>BMC Medical Research Methodology</i> , <b>2021</b> , 21, 250	4.7	1
279	Isolating the sources of pipeline-variability in group-level task-fMRI results. <i>Human Brain Mapping</i> , <b>2021</b> ,	5.9	2
278	White Matter Integrity and Nicotine Dependence: Evaluating Vertical and Horizontal Pleiotropy. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 738037	5.1	0
277	Reassessing associations between white matter and behaviour with multimodal microstructural imaging. <i>Cortex</i> , <b>2021</b> , 145, 187-200	3.8	2
276	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. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2021</b> , 18, 47	8.4	5
275	Pitfalls in brain age analyses. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 4092-4101	5.9	11
274	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. <i>Neuron</i> , <b>2021</b> , 109, 1769-1775	13.9	10
273	Brain imaging before and after COVID-19 in UK Biobank <b>2021</b> ,		31

272	Fisher Scoring for crossed factor linear mixed models. <i>Statistics and Computing</i> , <b>2021</b> , 31, 53	1.8	0
271	Confound modelling in UK Biobank brain imaging. <i>NeuroImage</i> , <b>2021</b> , 224, 117002	7.9	40
270	Shared and Anxiety-Specific Pediatric Psychopathology Dimensions Manifest Distributed Neural Correlates. <i>Biological Psychiatry</i> , <b>2021</b> , 89, 579-587	7.9	1
269	Confidence Sets for Cohen's d effect size images. <i>NeuroImage</i> , <b>2021</b> , 226, 117477	7.9	8
268	Multimodal Imaging Brain Markers in Early Adolescence Are Linked with a Physically Active Lifestyle. <i>Journal of Neuroscience</i> , <b>2021</b> , 41, 1092-1104	6.6	1
267	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. <i>Multiple Sclerosis Journal</i> , <b>2021</b> , 27, 2062-2076	5	10
266	Comparison of regional brain deficit patterns in common psychiatric and neurological disorders as revealed by big data. <i>NeuroImage: Clinical</i> , <b>2021</b> , 29, 102574	5.3	2
265	Voxel-wise and spatial modelling of binary lesion masks: Comparison of methods with a realistic simulation framework. <i>NeuroImage</i> , <b>2021</b> , 236, 118090	7.9	0
264	Variability in the analysis of a single neuroimaging dataset by many teams. <i>Nature</i> , <b>2020</b> , 582, 84-88	50.4	281
263	Multi-subject stochastic blockmodels with mixed effects for adaptive analysis of individual differences in human brain network cluster structure. <i>Statistica Neerlandica</i> , <b>2020</b> , 74, 363-396	0.9	
262	Quantifying uncertainty in brain-predicted age using scalar-on-image quantile regression. <i>NeuroImage</i> , <b>2020</b> , 219, 116938	7.9	8
261	Multiple testing correction over contrasts for brain imaging. <i>NeuroImage</i> , <b>2020</b> , 216, 116760	7.9	23
260	Permutation inference for canonical correlation analysis. <i>NeuroImage</i> , <b>2020</b> , 220, 117065	7.9	16
259	Developmental maturation of inhibitory control circuitry in a high-risk sample: A longitudinal fMRI study. <i>Developmental Cognitive Neuroscience</i> , <b>2020</b> , 43, 100781	5.5	5
258	Multi-subject Stochastic Blockmodels for adaptive analysis of individual differences in human brain network cluster structure. <i>NeuroImage</i> , <b>2020</b> , 220, 116611	7.9	4
257	Guidelines for the content and format of PET brain data in publications and archives: A consensus paper. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2020</b> , 40, 1576-1585	7.3	26
256	Discovering correlates of age-related decline in a healthy late-midlife male birth cohort. <i>Aging</i> , <b>2020</b> , 12, 16709-16743	5.6	0
255	Brain aging comprises many modes of structural and functional change with distinct genetic and biophysical associations. <i>ELife</i> , <b>2020</b> , 9,	8.9	56

254	An interactive meta-analysis of MRI biomarkers of myelin. <i>ELife</i> , <b>2020</b> , 9,	8.9	24
253	Spatial distribution and cognitive impact of cerebrovascular risk-related white matter hyperintensities. <i>NeuroImage: Clinical</i> , <b>2020</b> , 28, 102405	5.3	3
252	Selective peak inference: Unbiased estimation of raw and standardized effect size at local maxima. <i>NeuroImage</i> , <b>2020</b> , 209, 116375	7.9	4
251	Associations between fitness, physical activity and mental health in a community sample of young British adolescents: baseline data from the Fit to Study trial. <i>BMJ Open Sport and Exercise Medicine</i> , <b>2020</b> , 6, e000819	3.4	10
250	The genetics-BIDS extension: Easing the search for genetic data associated with human brain imaging. <i>GigaScience</i> , <b>2020</b> , 9,	7.6	5
249	Estimating the prevalence of missing experiments in a neuroimaging meta-analysis. <i>Research Synthesis Methods</i> , <b>2020</b> , 11, 866-883	7.2	8
248	Cerebrovascular risk factors impact frontoparietal network integrity and executive function in healthy ageing. <i>Nature Communications</i> , <b>2020</b> , 11, 4340	17.4	22
247	The psychological correlates of distinct neural states occurring during wakeful rest. <i>Scientific Reports</i> , <b>2020</b> , 10, 21121	4.9	17
246	Estimation of brain age delta from brain imaging. <i>NeuroImage</i> , <b>2019</b> , 200, 528-539	7.9	118
245	Structural Variability in the Human Brain Reflects Fine-Grained Functional Architecture at the Population Level. <i>Journal of Neuroscience</i> , <b>2019</b> , 39, 6136-6149	6.6	18
244	Effective degrees of freedom of the Pearson's correlation coefficient under autocorrelation. <i>NeuroImage</i> , <b>2019</b> , 199, 609-625	7.9	49
243	Accelerated estimation and permutation inference for ACE modeling. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 3488-3507	5.9	5
242	Beyond Bonferroni revisited: concerns over inflated false positive research findings in the fields of conservation genetics, biology, and medicine. <i>Conservation Genetics</i> , <b>2019</b> , 20, 927-937	2.6	26
241	Exploring the impact of analysis software on task fMRI results. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 3362-3384	5.9	54
240	Reply to Chen et al.: Parametric methods for cluster inference perform worse for two-sided t-tests. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 1689-1691	5.9	3
239	Bayesian log-Gaussian Cox process regression: with applications to meta-analysis of neuroimaging working memory studies. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , <b>2019</b> , 68, 217-234	1.5	7
238	Homogenizing Estimates of Heritability Among SOLAR-Eclipse, OpenMx, APACE, and FPHI Software Packages in Neuroimaging Data. <i>Frontiers in Neuroinformatics</i> , <b>2019</b> , 13, 16	3.9	15
237	Towards Algorithmic Analytics for Large-scale Datasets. <i>Nature Machine Intelligence</i> , <b>2019</b> , 1, 296-306	22.5	34

236	Spatial confidence sets for raw effect size images. <i>NeuroImage</i> , <b>2019</b> , 203, 116187	7.9	8
235	The harmonic mean $\phi$ -value: Strong versus weak control, and the assumption of independence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 23382-23383	11.5	4
234	Discovering markers of healthy aging: a prospective study in a Danish male birth cohort. <i>Aging</i> , <b>2019</b> , 11, 5943-5974	5.6	5
233	MRI-based prediction of conversion from clinically isolated syndrome to clinically definite multiple sclerosis using SVM and lesion geometry. <i>Brain Imaging and Behavior</i> , <b>2019</b> , 13, 1361-1374	4.1	14
232	Stable between-subject statistical inference from unstable within-subject functional connectivity estimates. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 1234-1243	5.9	7
231	Modelling the distribution of white matter hyperintensities due to ageing on MRI images using Bayesian inference. <i>NeuroImage</i> , <b>2019</b> , 185, 434-445	7.9	4
230	Cluster failure revisited: Impact of first level design and physiological noise on cluster false positive rates. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 2017-2032	5.9	36
229	Genomic kinship construction to enhance genetic analyses in the human connectome project data. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 1677-1688	5.9	11
228	Probabilistic TFCE: A generalized combination of cluster size and voxel intensity to increase statistical power. <i>NeuroImage</i> , <b>2019</b> , 185, 12-26	7.9	33
227	A group analysis using the Multiregression Dynamic Models for fMRI networked time series. <i>Journal of Statistical Planning and Inference</i> , <b>2019</b> , 198, 43-61	0.8	4
226	Ten simple rules for neuroimaging meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2018</b> , 84, 151-161	16.1	296
225	Directed functional connectivity using dynamic graphical models. <i>NeuroImage</i> , <b>2018</b> , 175, 340-353	7.9	17
224	Data Sharing in Psychology: A Survey on Barriers and Preconditions. <i>Advances in Methods and Practices in Psychological Science</i> , <b>2018</b> , 1, 70-85	13.3	78
223	Statistical Challenges in "Big Data" Human Neuroimaging. <i>Neuron</i> , <b>2018</b> , 97, 263-268	13.9	174
222	Insight and inference for DVARS. <i>NeuroImage</i> , <b>2018</b> , 172, 291-312	7.9	41
221	Generalizable representations of pain, cognitive control, and negative emotion in medial frontal cortex. <i>Nature Neuroscience</i> , <b>2018</b> , 21, 283-289	25.5	114
220	Joint Analysis of Cortical Area and Thickness as a Replacement for the Analysis of the Volume of the Cerebral Cortex. <i>Cerebral Cortex</i> , <b>2018</b> , 28, 738-749	5.1	56
219	Spatial Bayesian latent factor regression modeling of coordinate-based meta-analysis data. <i>Biometrics</i> , <b>2018</b> , 74, 342-353	1.8	14

218	Comparison of heritability estimates on resting state fMRI connectivity phenotypes using the ENIGMA analysis pipeline. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 4893-4902	5.9	27
217	Fast and powerful genome wide association of dense genetic data with high dimensional imaging phenotypes. <i>Nature Communications</i> , <b>2018</b> , 9, 3254	17.4	4
216	The Lifespan Human Connectome Project in Development: A large-scale study of brain connectivity development in 5-21 year olds. <i>NeuroImage</i> , <b>2018</b> , 183, 456-468	7.9	71
215	Heritability estimates on resting state fMRI data using ENIGMA analysis pipeline <b>2018</b> ,		5
214	Combining multi-modality data for searching biomarkers in schizophrenia. <i>PLoS ONE</i> , <b>2018</b> , 13, e0191203	7.7	11
213	Making replication prestigious. <i>Behavioral and Brain Sciences</i> , <b>2018</b> , 41, e131	0.9	4
212	Unravelling the GSK3 $\beta$ -related genotypic interaction network influencing hippocampal volume in recurrent major depressive disorder. <i>Psychiatric Genetics</i> , <b>2018</b> , 28, 77-84	2.9	23
211	Extending the Human Connectome Project across ages: Imaging protocols for the Lifespan Development and Aging projects. <i>NeuroImage</i> , <b>2018</b> , 183, 972-984	7.9	101
210	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. <i>NeuroImage</i> , <b>2017</b> , 145, 389-408	7.9	142
209	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , <b>2017</b> , 8, 13624	17.4	173
208	A defense of using resting-state fMRI as null data for estimating false positive rates. <i>Cognitive Neuroscience</i> , <b>2017</b> , 8, 144-149	1.7	12
207	Improving data availability for brain image biobanking in healthy subjects: Practice-based suggestions from an international multidisciplinary working group. <i>NeuroImage</i> , <b>2017</b> , 153, 399-409	7.9	12
206	Best practices in data analysis and sharing in neuroimaging using MRI. <i>Nature Neuroscience</i> , <b>2017</b> , 20, 299-303	25.5	312
205	Reply to Brown and Behrmann, Cox, et al., and Kessler et al.: Data and code sharing is the way forward for fMRI. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E3374-E3375	11.5	13
204	Scanning the horizon: towards transparent and reproducible neuroimaging research. <i>Nature Reviews Neuroscience</i> , <b>2017</b> , 18, 115-126	13.5	646
203	Accelerating permutation testing in voxel-wise analysis through subspace tracking: A new plugin for SnPM. <i>NeuroImage</i> , <b>2017</b> , 159, 79-98	7.9	3
202	Variance decomposition for single-subject task-based fMRI activity estimates across many sessions. <i>NeuroImage</i> , <b>2017</b> , 154, 206-218	7.9	11
201	Comparison of a non-stationary voxelation-corrected cluster-size test with TFCE for group-Level MRI inference. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 1269-1280	5.9	12

200	Generalized reduced rank latent factor regression for high dimensional tensor fields, and neuroimaging-genetic applications. <i>NeuroImage</i> , <b>2017</b> , 144, 35-57	7.9	6
199	The coordinate-based meta-analysis of neuroimaging data. <i>Statistical Science</i> , <b>2017</b> , 32, 580-599	2.4	24
198	Studying the effective brain connectivity using multiregression dynamic models. <i>Brazilian Journal of Probability and Statistics</i> , <b>2017</b> , 31,	0.9	4
197	Personalized Medication Response Prediction for Attention-Deficit Hyperactivity Disorder: Learning in the Model Space vs. Learning in the Data Space. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 199	4.6	8
196	Voxelwise distribution of acute ischemic stroke lesions in patients with newly diagnosed atrial fibrillation: Trigger of arrhythmia or only target of embolism?. <i>PLoS ONE</i> , <b>2017</b> , 12, e0177474	3.7	9
195	The heritability of multi-modal connectivity in human brain activity. <i>ELife</i> , <b>2017</b> , 6,	8.9	62
194	Author response: The heritability of multi-modal connectivity in human brain activity <b>2017</b> ,		3
193	The common genetic influence over processing speed and white matter microstructure: Evidence from the Old Order Amish and Human Connectome Projects. <i>NeuroImage</i> , <b>2016</b> , 125, 189-197	7.9	24
192	NeuroVault.org: A repository for sharing unthresholded statistical maps, parcellations, and atlases of the human brain. <i>NeuroImage</i> , <b>2016</b> , 124, 1242-1244	7.9	55
191	The brain imaging data structure, a format for organizing and describing outputs of neuroimaging experiments. <i>Scientific Data</i> , <b>2016</b> , 3, 160044	8.2	510
190	Faster permutation inference in brain imaging. <i>NeuroImage</i> , <b>2016</b> , 141, 502-516	7.9	136
189	Cluster failure: Why fMRI inferences for spatial extent have inflated false-positive rates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 7900-5	11.5	2098
188	Multi-modal characterization of rapid anterior hippocampal volume increase associated with aerobic exercise. <i>NeuroImage</i> , <b>2016</b> , 131, 162-70	7.9	79
187	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. <i>Nature Neuroscience</i> , <b>2016</b> , 19, 420-431	25.5	163
186	Fixing the stimulus-as-fixed-effect fallacy in task fMRI. <i>Wellcome Open Research</i> , <b>2016</b> , 1, 23	4.8	45
185	Seeking Optimal Region-Of-Interest (ROI) Single-Value Summary Measures for fMRI Studies in Imaging Genetics. <i>PLoS ONE</i> , <b>2016</b> , 11, e0151391	3.7	28
184	Modelling the penumbra in Computed Tomography <sup>1</sup> . <i>Journal of X-Ray Science and Technology</i> , <b>2016</b> , 24, 583-97	2.1	11
183	Exploring fMRI Results Space: 31 Variants of an fMRI Analysis in AFNI, FSL, and SPM. <i>Frontiers in Neuroinformatics</i> , <b>2016</b> , 10, 24	3.9	22

182	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. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 6	5.1	16
181	Sharing brain mapping statistical results with the neuroimaging data model. <i>Scientific Data</i> , <b>2016</b> , 3, 160802	0.2	26
180	Behavior, sensitivity, and power of activation likelihood estimation characterized by massive empirical simulation. <i>NeuroImage</i> , <b>2016</b> , 137, 70-85	7.9	346
179	Statistical Analysis of fMRI Data. <i>Neuroinformatics</i> , <b>2016</b> , 183-239	0.4	1
178	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , <b>2016</b> , 19, 1569-1582	25.5	147
177	Heterochronicity of white matter development and aging explains regional patient control differences in schizophrenia. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 4673-4688	5.9	43
176	Non-parametric combination and related permutation tests for neuroimaging. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 1486-511	5.9	122
175	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , <b>2015</b> , 520, 224-9	50.4	601
174	Fast and powerful heritability inference for family-based neuroimaging studies. <i>NeuroImage</i> , <b>2015</b> , 115, 256-68	7.9	24
173	Cluster-based computational methods for mass univariate analyses of event-related brain potentials/fields: A simulation study. <i>Journal of Neuroscience Methods</i> , <b>2015</b> , 250, 85-93	3	125
172	Heritability of fractional anisotropy in human white matter: a comparison of Human Connectome Project and ENIGMA-DTI data. <i>NeuroImage</i> , <b>2015</b> , 111, 300-11	7.9	159
171	Age differences in the brain mechanisms of good taste. <i>NeuroImage</i> , <b>2015</b> , 113, 298-309	7.9	31
170	A positive-negative mode of population covariation links brain connectivity, demographics and behavior. <i>Nature Neuroscience</i> , <b>2015</b> , 18, 1565-7	25.5	551
169	FVGWAS: Fast voxelwise genome wide association analysis of large-scale imaging genetic data. <i>NeuroImage</i> , <b>2015</b> , 118, 613-27	7.9	31
168	Multi-level block permutation. <i>NeuroImage</i> , <b>2015</b> , 123, 253-68	7.9	137
167	A voxelation-corrected non-stationary 3D cluster-size test based on random field theory. <i>NeuroImage</i> , <b>2015</b> , 118, 676-82	7.9	4
166	Searching Multiregression Dynamic Models of Resting-State fMRI Networks Using Integer Programming. <i>Bayesian Analysis</i> , <b>2015</b> , 10,	2.3	19
165	Classifying individuals at high-risk for psychosis based on functional brain activity during working memory processing. <i>NeuroImage: Clinical</i> , <b>2015</b> , 9, 555-63	5.3	17



164	NeuroVault.org: a web-based repository for collecting and sharing unthresholded statistical maps of the human brain. <i>Frontiers in Neuroinformatics</i> , <b>2015</b> , 9, 8	3.9	332
163	An Ultra-High Field Magnetic Resonance Spectroscopy Study of Post Exercise Lactate, Glutamate and Glutamine Change in the Human Brain. <i>Frontiers in Physiology</i> , <b>2015</b> , 6, 351	4.6	23
162	A Bayesian model of category-specific emotional brain responses. <i>PLoS Computational Biology</i> , <b>2015</b> , 11, e1004066	5	136
161	A kernel machine method for detecting effects of interaction between multidimensional variable sets: an imaging genetics application. <i>NeuroImage</i> , <b>2015</b> , 109, 505-514	7.9	18
160	Toward a multisubject analysis of neural connectivity. <i>Neural Computation</i> , <b>2015</b> , 27, 151-70	2.9	3
159	Empirically investigating the statistical validity of SPM, FSL and AFNI for single subject fMRI analysis <b>2015</b> ,		10
158	Medial Demons Registration Localizes The Degree of Genetic Influence Over Subcortical Shape Variability: An N= 1480 Meta-Analysis <b>2015</b> , 2015, 1402-1406	1.5	23
157	Massively expedited genome-wide heritability analysis (MEGHA). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 2479-84	11.5	52
156	Multiple comparison procedures for neuroimaging genomewide association studies. <i>Biostatistics</i> , <b>2015</b> , 16, 17-30	3.7	9
155	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , <b>2014</b> , 8, 153-82	4.1	539
154	Imaging proteomics for diagnosis, monitoring and prediction of Alzheimer's disease. <i>NeuroImage</i> , <b>2014</b> , 102 Pt 2, 657-65	7.9	16
153	Permutation inference for the general linear model. <i>NeuroImage</i> , <b>2014</b> , 92, 381-97	7.9	1884
152	Multi-site study of additive genetic effects on fractional anisotropy of cerebral white matter: Comparing meta and mega-analytical approaches for data pooling. <i>NeuroImage</i> , <b>2014</b> , 95, 136-50	7.9	95
151	ANALYSIS OF MULTIPLE SCLEROSIS LESIONS VIA SPATIALLY VARYING COEFFICIENTS. <i>Annals of Applied Statistics</i> , <b>2014</b> , 8, 1095-1118	2.1	18
150	A BAYESIAN HIERARCHICAL SPATIAL POINT PROCESS MODEL FOR MULTI-TYPE NEUROIMAGING META-ANALYSIS. <i>Annals of Applied Statistics</i> , <b>2014</b> , 8, 1800-1824	2.1	20
149	Stochastic blockmodeling of the modules and core of the <i>Caenorhabditis elegans</i> connectome. <i>PLoS ONE</i> , <b>2014</b> , 9, e97584	3.7	45
148	Joint genetic analysis of hippocampal size in mouse and human identifies a novel gene linked to neurodegenerative disease. <i>BMC Genomics</i> , <b>2014</b> , 15, 850	4.5	29
147	Progression in disability and regional grey matter atrophy in relapsing-remitting multiple sclerosis. <i>Multiple Sclerosis Journal</i> , <b>2014</b> , 20, 202-13	5	24

146	Global genetic variations predict brain response to faces. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004523	6	15
145	Impact of family structure and common environment on heritability estimation for neuroimaging genetics studies using Sequential Oligogenic Linkage Analysis Routines. <i>Journal of Medical Imaging</i> , <b>2014</b> , 1, 014005	2.6	12
144	Fast and accurate modelling of longitudinal and repeated measures neuroimaging data. <i>NeuroImage</i> , <b>2014</b> , 94, 287-302	7.9	97
143	Post-hoc power estimation for topological inference in fMRI. <i>NeuroImage</i> , <b>2014</b> , 84, 45-64	7.9	21
142	Development of impulse control circuitry in children of alcoholics. <i>Biological Psychiatry</i> , <b>2014</b> , 76, 708-167.9		44
141	Power Estimates for Voxel-Based Genetic Association Studies Using Diffusion Imaging. <i>Mathematics and Visualization</i> , <b>2014</b> , 229-238	0.6	2
140	Spatial modeling of multiple sclerosis for disease subtype prediction. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 17, 797-804	0.9	2
139	Alternative-based thresholding with application to presurgical fMRI. <i>Cognitive, Affective and Behavioral Neuroscience</i> , <b>2013</b> , 13, 703-13	3.5	9
138	Functional connectomics from resting-state fMRI. <i>Trends in Cognitive Sciences</i> , <b>2013</b> , 17, 666-82	14	560
137	Preventing Alzheimer's disease-related gray matter atrophy by B-vitamin treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 9523-8	11.5	329
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