

# Thomas E Nichols

## List of Publications by Year in descending order

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264  
papers

63,237  
citations

5267

83  
h-index

1091

232  
g-index

330  
all docs

330  
docs citations

330  
times ranked

45344  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tract-based spatial statistics: Voxelwise analysis of multi-subject diffusion data. <i>NeuroImage</i> , 2006, 31, 1487-1505.	4.2	5,755
2	Nonparametric permutation tests for functional neuroimaging: A primer with examples. <i>Human Brain Mapping</i> , 2002, 15, 1-25.	3.6	5,490
3	Threshold-free cluster enhancement: Addressing problems of smoothing, threshold dependence and localisation in cluster inference. <i>NeuroImage</i> , 2009, 44, 83-98.	4.2	4,467
4	Thresholding of Statistical Maps in Functional Neuroimaging Using the False Discovery Rate. <i>NeuroImage</i> , 2002, 15, 870-878.	4.2	4,420
5	Large-scale automated synthesis of human functional neuroimaging data. <i>Nature Methods</i> , 2011, 8, 665-670.	19.0	2,993
6	Permutation inference for the general linear model. <i>NeuroImage</i> , 2014, 92, 381-397.	4.2	2,870
7	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> , 2016, 113, 7900-7905.	7.1	2,809
8	Valid conjunction inference with the minimum statistic. <i>NeuroImage</i> , 2005, 25, 653-660.	4.2	1,743
9	Network modelling methods for FMRI. <i>NeuroImage</i> , 2011, 54, 875-891.	4.2	1,588
10	Scanning the horizon: towards transparent and reproducible neuroimaging research. <i>Nature Reviews Neuroscience</i> , 2017, 18, 115-126.	10.2	1,041
11	The brain imaging data structure, a format for organizing and describing outputs of neuroimaging experiments. <i>Scientific Data</i> , 2016, 3, 160044.	5.3	1,038
12	Controlling the familywise error rate in functional neuroimaging: a comparative review. <i>Statistical Methods in Medical Research</i> , 2003, 12, 419-446.	1.5	1,023
13	Reproducible brain-wide association studies require thousands of individuals. <i>Nature</i> , 2022, 603, 654-660.	27.8	842
14	SARS-CoV-2 is associated with changes in brain structure in UK Biobank. <i>Nature</i> , 2022, 604, 697-707.	27.8	825
15	Functional connectomics from resting-state fMRI. <i>Trends in Cognitive Sciences</i> , 2013, 17, 666-682.	7.8	802
16	A positive-negative mode of population covariation links brain connectivity, demographics and behavior. <i>Nature Neuroscience</i> , 2015, 18, 1565-1567.	14.8	782
17	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	27.8	772
18	Placebo Effects Mediated by Endogenous Opioid Activity on $\mu$ -Opioid Receptors. <i>Journal of Neuroscience</i> , 2005, 25, 7754-7762.	3.6	702

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19	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014, 8, 153-182.	2.1	696
20	Variability in the analysis of a single neuroimaging dataset by many teams. <i>Nature</i> , 2020, 582, 84-88.	27.8	634
21	Nonstationary cluster-size inference with random field and permutation methods. <i>NeuroImage</i> , 2004, 22, 676-687.	4.2	621
22	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012, 44, 552-561.	21.4	594
23	Ten simple rules for neuroimaging meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 84, 151-161.	6.1	564
24	Behavior, sensitivity, and power of activation likelihood estimation characterized by massive empirical simulation. <i>NeuroImage</i> , 2016, 137, 70-85.	4.2	547
25	Acquisition and voxelwise analysis of multi-subject diffusion data with Tract-Based Spatial Statistics. <i>Nature Protocols</i> , 2007, 2, 499-503.	12.0	526
26	NeuroVault.org: a web-based repository for collecting and sharing unthresholded statistical maps of the human brain. <i>Frontiers in Neuroinformatics</i> , 2015, 9, 8.	2.5	482
27	Best practices in data analysis and sharing in neuroimaging using MRI. <i>Nature Neuroscience</i> , 2017, 20, 299-303.	14.8	482
28	Guidelines for reporting an fMRI study. <i>NeuroImage</i> , 2008, 40, 409-414.	4.2	466
29	Validating cluster size inference: random field and permutation methods. <i>NeuroImage</i> , 2003, 20, 2343-2356.	4.2	449
30	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> , 2013, 110, 9523-9528.	7.1	422
31	Optimization of experimental design in fMRI: a general framework using a genetic algorithm. <i>NeuroImage</i> , 2003, 18, 293-309.	4.2	392
32	Non-white noise in fMRI: Does modelling have an impact?. <i>NeuroImage</i> , 2006, 29, 54-66.	4.2	370
33	Anterior Cingulate Gyrus Dysfunction and Selective Attention Deficits in Schizophrenia: [ <sup>15</sup> O]H <sub>2</sub> O PET Study During Single-Trial Stroop Task Performance. <i>American Journal of Psychiatry</i> , 1997, 154, 1670-1675.	7.2	358
34	Multi-site genetic analysis of diffusion images and voxelwise heritability analysis: A pilot project of the ENIGMA DTI working group. <i>NeuroImage</i> , 2013, 81, 455-469.	4.2	354
35	Meta-analysis of neuroimaging data: A comparison of image-based and coordinate-based pooling of studies. <i>NeuroImage</i> , 2009, 45, 810-823.	4.2	337
36	Impact of complex genetic variation in COMT on human brain function. <i>Molecular Psychiatry</i> , 2006, 11, 867-877.	7.9	296

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37	Extending the Human Connectome Project across ages: Imaging protocols for the Lifespan Development and Aging projects. <i>NeuroImage</i> , 2018, 183, 972-984.	4.2	290
38	Switching attention and resolving interference: fMRI measures of executive functions. <i>Neuropsychologia</i> , 2003, 41, 357-370.	1.6	287
39	Pronociceptive and Antinociceptive Effects of Estradiol through Endogenous Opioid Neurotransmission in Women. <i>Journal of Neuroscience</i> , 2006, 26, 5777-5785.	3.6	287
40	Estimation of brain age delta from brain imaging. <i>NeuroImage</i> , 2019, 200, 528-539.	4.2	274
41	Statistical Challenges in "Big Data" Human Neuroimaging. <i>Neuron</i> , 2018, 97, 263-268.	8.1	268
42	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	250
43	Faster permutation inference in brain imaging. <i>NeuroImage</i> , 2016, 141, 502-516.	4.2	242
44	Combining voxel intensity and cluster extent with permutation test framework. <i>NeuroImage</i> , 2004, 23, 54-63.	4.2	236
45	Heritability of fractional anisotropy in human white matter: A comparison of Human Connectome Project and ENIGMA-DTI data. <i>NeuroImage</i> , 2015, 111, 300-311.	4.2	227
46	Evaluating the consistency and specificity of neuroimaging data using meta-analysis. <i>NeuroImage</i> , 2009, 45, S210-S221.	4.2	215
47	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	14.8	213
48	A Bayesian Model of Category-Specific Emotional Brain Responses. <i>PLoS Computational Biology</i> , 2015, 11, e1004066.	3.2	212
49	Multi-level block permutation. <i>NeuroImage</i> , 2015, 123, 253-268.	4.2	212
50	Non-parametric combination and related permutation tests for neuroimaging. <i>Human Brain Mapping</i> , 2016, 37, 1486-1511.	3.6	211
51	Power calculation for group fMRI studies accounting for arbitrary design and temporal autocorrelation. <i>NeuroImage</i> , 2008, 39, 261-268.	4.2	205
52	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. <i>Nature Neuroscience</i> , 2016, 19, 420-431.	14.8	204
53	Cluster-based computational methods for mass univariate analyses of event-related brain potentials/fields: A simulation study. <i>Journal of Neuroscience Methods</i> , 2015, 250, 85-93.	2.5	202
54	A comparison of random field theory and permutation methods for the statistical analysis of MEG data. <i>NeuroImage</i> , 2005, 25, 383-394.	4.2	191

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55	Everything You Never Wanted to Know about Circular Analysis, but Were Afraid to Ask. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 1551-1557.	4.3	190
56	Activation of the medial prefrontal cortex and extended amygdala by individual ratings of emotional arousal: a fMRI study. <i>Biological Psychiatry</i> , 2003, 53, 211-215.	1.3	188
57	Generalizable representations of pain, cognitive control, and negative emotion in medial frontal cortex. <i>Nature Neuroscience</i> , 2018, 21, 283-289.	14.8	187
58	Discovering genetic associations with high-dimensional neuroimaging phenotypes: A sparse reduced-rank regression approach. <i>NeuroImage</i> , 2010, 53, 1147-1159.	4.2	186
59	The Lifespan Human Connectome Project in Development: A large-scale study of brain connectivity development in 5-21 year olds. <i>NeuroImage</i> , 2018, 183, 456-468.	4.2	184
60	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. <i>NeuroImage</i> , 2017, 145, 389-408.	4.2	173
61	Multiple testing corrections, nonparametric methods, and random field theory. <i>NeuroImage</i> , 2012, 62, 811-815.	4.2	172
62	Fast and accurate modelling of longitudinal and repeated measures neuroimaging data. <i>NeuroImage</i> , 2014, 94, 287-302.	4.2	162
63	Spatiotemporal reconstruction of list-mode PET data. <i>IEEE Transactions on Medical Imaging</i> , 2002, 21, 396-404.	8.9	159
64	Measuring and comparing brain cortical surface area and other areal quantities. <i>NeuroImage</i> , 2012, 61, 1428-1443.	4.2	157
65	Brain Network Analysis: Separating Cost from Topology Using Cost-Integration. <i>PLoS ONE</i> , 2011, 6, e21570.	2.5	155
66	Statistical limitations in functional neuroimaging II. Signal detection and statistical inference. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 1261-1281.	4.0	154
67	Genetics of the connectome. <i>NeuroImage</i> , 2013, 80, 475-488.	4.2	149
68	Anatomically-distinct genetic associations of APOE $\epsilon$ 4 allele load with regional cortical atrophy in Alzheimer's disease. <i>NeuroImage</i> , 2009, 44, 724-728.	4.2	144
69	False positives in neuroimaging genetics using voxel-based morphometry data. <i>NeuroImage</i> , 2011, 54, 992-1000.	4.2	135
70	Data Sharing in Psychology: A Survey on Barriers and Preconditions. <i>Advances in Methods and Practices in Psychological Science</i> , 2018, 1, 70-85.	9.4	135
71	Confound modelling in UK Biobank brain imaging. <i>NeuroImage</i> , 2021, 224, 117002.	4.2	135
72	Diagnosis and exploration of massively univariate neuroimaging models. <i>NeuroImage</i> , 2003, 19, 1014-1032.	4.2	129

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73	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> , 2014, 95, 136-150.	4.2	127
74	How patients with multiple sclerosis acquire disability. <i>Brain</i> , 2022, 145, 3147-3161.	7.6	126
75	Adjusting the effect of nonstationarity in cluster-based and TFCE inference. <i>NeuroImage</i> , 2011, 54, 2006-2019.	4.2	123
76	Brain aging comprises many modes of structural and functional change with distinct genetic and biophysical associations. <i>ELife</i> , 2020, 9, .	6.0	122
77	Association of GSK3 $\beta$ Polymorphisms With Brain Structural Changes in Major Depressive Disorder. <i>Archives of General Psychiatry</i> , 2009, 66, 721.	12.3	121
78	Multi-modal characterization of rapid anterior hippocampal volume increase associated with aerobic exercise. <i>NeuroImage</i> , 2016, 131, 162-170.	4.2	119
79	Statistical limitations in functional neuroimaging. I. Non-inferential methods and statistical models. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 1239-1260.	4.0	112
80	The heritability of multi-modal connectivity in human brain activity. <i>ELife</i> , 2017, 6, .	6.0	107
81	Exploring the impact of analysis software on task fMRI results. <i>Human Brain Mapping</i> , 2019, 40, 3362-3384.	3.6	101
82	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> , 2021, 26, 3943-3955.	7.9	100
83	An interactive meta-analysis of MRI biomarkers of myelin. <i>ELife</i> , 2020, 9, .	6.0	99
84	Joint Analysis of Cortical Area and Thickness as a Replacement for the Analysis of the Volume of the Cerebral Cortex. <i>Cerebral Cortex</i> , 2018, 28, 738-749.	2.9	92
85	Changes in forebrain function from waking to REM sleep in depression: preliminary analyses [of 18F]FDG PET studies. <i>Psychiatry Research - Neuroimaging</i> , 1999, 91, 59-78.	1.8	89
86	Rank-order versus mean based statistics for neuroimaging. <i>NeuroImage</i> , 2007, 35, 1531-1537.	4.2	89
87	Effective degrees of freedom of the Pearson's correlation coefficient under autocorrelation. <i>NeuroImage</i> , 2019, 199, 609-625.	4.2	89
88	Gender differences in patterns of cerebral activation during equal experience of painful laser stimulation. <i>Journal of Pain</i> , 2002, 3, 401-411.	1.4	88
89	Simple group fMRI modeling and inference. <i>NeuroImage</i> , 2009, 47, 1469-1475.	4.2	88
90	Pathway-based approaches to imaging genetics association studies: Wnt signaling, GSK3 $\beta$ substrates and major depression. <i>NeuroImage</i> , 2010, 53, 908-917.	4.2	86

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91	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. <i>Journal of Alzheimer's Disease</i> , 2011, 22, 1241-1256.	2.6	86
92	Reduced $\hat{1}^3$ -Aminobutyric Acid $\hat{1}^3$ -Benzodiazepine Binding Sites in Insular Cortex of Individuals With Panic Disorder. <i>Archives of General Psychiatry</i> , 2007, 64, 793.	12.3	85
93	Association of regional gray matter volume loss and progression of white matter lesions in multiple sclerosis $\hat{1}^3$ A longitudinal voxel-based morphometry study. <i>NeuroImage</i> , 2009, 45, 60-67.	4.2	83
94	Sharing the wealth: Neuroimaging data repositories. <i>NeuroImage</i> , 2016, 124, 1065-1068.	4.2	83
95	Positron Emission Tomographic Imaging of Serotonin Activation Effects on Prefrontal Cortex in Healthy Volunteers. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1996, 16, 418-426.	4.3	80
96	Increasing power for voxel-wise genome-wide association studies: The random field theory, least square kernel machines and fast permutation procedures. <i>NeuroImage</i> , 2012, 63, 858-873.	4.2	76
97	Insight and inference for DVARS. <i>NeuroImage</i> , 2018, 172, 291-312.	4.2	76
98	Toward a taxonomy of attention shifting: Individual differences in fMRI during multiple shift types. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2005, 5, 127-143.	2.0	75
99	Estimation efficiency and statistical power in arterial spin labeling fMRI. <i>NeuroImage</i> , 2006, 33, 103-114.	4.2	71
100	Probabilistic TFCE: A generalized combination of cluster size and voxel intensity to increase statistical power. <i>NeuroImage</i> , 2019, 185, 12-26.	4.2	71
101	NeuroVault.org: A repository for sharing unthresholded statistical maps, parcellations, and atlases of the human brain. <i>NeuroImage</i> , 2016, 124, 1242-1244.	4.2	70
102	Massively expedited genome-wide heritability analysis (MEGHA). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2479-2484.	7.1	69
103	Test-retest variability of serotonin 5-HT2A receptor binding measured with positron emission tomography and [18F]altanserin in the human brain. , 1998, 30, 380-392.		67
104	Modeling and inference of multisubject fMRI data. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2006, 25, 42-51.	0.8	66
105	Lesion probability maps of white matter hyperintensities in elderly individuals. <i>Journal of Neurology</i> , 2006, 253, 1064-1070.	3.6	64
106	Optimizing the Design and Analysis of Clinical Functional Magnetic Resonance Imaging Research Studies. <i>Biological Psychiatry</i> , 2008, 64, 842-849.	1.3	63
107	Orbitofrontal Connectivity with Resting-State Networks Is Associated with Midbrain Dopamine D3 Receptor Availability. <i>Cerebral Cortex</i> , 2012, 22, 2784-2793.	2.9	62
108	Impact of Combined Estradiol and Norethindrone Therapy on Visuospatial Working Memory Assessed by Functional Magnetic Resonance Imaging. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 4476-4481.	3.6	61

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109	Fixing the stimulus-as-fixed-effect fallacy in task fMRI. Wellcome Open Research, 2016, 1, 23.	1.8	61
110	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
111	Stochastic Blockmodeling of the Modules and Core of the Caenorhabditis elegans Connectome. PLoS ONE, 2014, 9, e97584.	2.5	59
112	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
113	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
114	Cerebrovascular risk factors impact frontoparietal network integrity and executive function in healthy ageing. Nature Communications, 2020, 11, 4340.	12.8	59
115	Permutation inference for canonical correlation analysis. NeuroImage, 2020, 220, 117065.	4.2	59
116	Towards algorithmic analytics for large-scale datasets. Nature Machine Intelligence, 2019, 1, 296-306.	16.0	58
117	Striatal [ <sup>11</sup> C]dihydrotrabectedin and [ <sup>11</sup> C]methylphenidate binding in Tourette syndrome. Neurology, 2009, 72, 1390-1396.	1.1	55
118	The danger of systematic bias in group-level fMRI-lag-based causality estimation. NeuroImage, 2012, 59, 1228-1229.	4.2	54
119	Sharing brain mapping statistical results with the neuroimaging data model. Scientific Data, 2016, 3, 160102.	5.3	53
120	Heterochronicity of white matter development and aging explains regional patient control differences in schizophrenia. Human Brain Mapping, 2016, 37, 4673-4688.	3.6	53
121	Genetic Analysis of Cortical Thickness and Fractional Anisotropy of Water Diffusion in the Brain. Frontiers in Neuroscience, 2011, 5, 120.	2.8	52
122	Multiple testing correction over contrasts for brain imaging. NeuroImage, 2020, 216, 116760.	4.2	52
123	Pitfalls in brain age analyses. Human Brain Mapping, 2021, 42, 4092-4101.	3.6	50
124	Development of Impulse Control Circuitry in Children of Alcoholics. Biological Psychiatry, 2014, 76, 708-716.	1.3	49
125	Cluster mass inference via random field theory. NeuroImage, 2009, 44, 51-61.	4.2	48
126	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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127	PET brain mapping study of auditory verbal supraspan memory versus visual fixation in schizophrenia. <i>Biological Psychiatry</i> , 1997, 41, 33-42.	1.3	47
128	Multivariate pattern classification of gray matter pathology in multiple sclerosis. <i>NeuroImage</i> , 2012, 60, 400-408.	4.2	47
129	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> , 2020, 40, 1576-1585.	4.3	47
130	Linkage Disequilibrium: Ancient History Drives the New Genetics. <i>Human Heredity</i> , 2005, 59, 118-124.	0.8	45
131	Comparison of heritability estimates on resting state fMRI connectivity phenotypes using the ENIGMA analysis pipeline. <i>Human Brain Mapping</i> , 2018, 39, 4893-4902.	3.6	45
132	Structural Brain Changes in Patients with Recurrent Major Depressive Disorder Presenting with Anxiety Symptoms. , 2011, 21, 375-382.		44
133	The psychological correlates of distinct neural states occurring during wakeful rest. <i>Scientific Reports</i> , 2020, 10, 21121.	3.3	44
134	Functional Connectivity in Auditoryâ€“Verbal Short-Term Memory in Alzheimer's Disease. <i>NeuroImage</i> , 1996, 4, 67-77.	4.2	42
135	Spatiotemporal distribution pattern of white matter lesion volumes and their association with regional grey matter volume reductions in relapsingâ€“remitting multiple sclerosis. <i>Human Brain Mapping</i> , 2010, 31, 1542-1555.	3.6	42
136	Longitudinal gray matter changes in multiple sclerosisâ€“Differential scanner and overall diseaseâ€“related effects. <i>Human Brain Mapping</i> , 2012, 33, 1225-1245.	3.6	40
137	Genes regulated by learning in the hippocampus. <i>Journal of Neuroscience Research</i> , 2003, 71, 763-768.	2.9	38
138	FVGWAS: Fast voxelwise genome wide association analysis of large-scale imaging genetic data. <i>NeuroImage</i> , 2015, 118, 613-627.	4.2	38
139	The Coordinate-Based Meta-Analysis of Neuroimaging Data. <i>Statistical Science</i> , 2017, 32, 580-599.	2.8	38
140	Seeking Optimal Region-Of-Interest (ROI) Single-Value Summary Measures for fMRI Studies in Imaging Genetics. <i>PLoS ONE</i> , 2016, 11, e0151391.	2.5	38
141	Age differences in the brain mechanisms of good taste. <i>NeuroImage</i> , 2015, 113, 298-309.	4.2	37
142	Modeling Interâ€“Subject Variability in fMRI Activation Location: A Bayesian Hierarchical Spatial Model. <i>Biometrics</i> , 2009, 65, 1041-1051.	1.4	36
143	A Comparison of Gray Matter Density in Restless Legs Syndrome Patients and Matched Controls Using Voxelâ€“Based Morphometry. <i>Journal of Neuroimaging</i> , 2012, 22, 28-32.	2.0	35
144	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> , 2015, 6, 351.	2.8	35

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145	Fast and powerful heritability inference for family-based neuroimaging studies. <i>NeuroImage</i> , 2015, 115, 256-268.	4.2	33
146	Post-ECT increases in MRI regional T2 relaxation times and their relationship to cognitive side effects: A pilot study. <i>Psychiatry Research</i> , 1994, 54, 177-184.	3.3	32
147	Effect of immunomodulatory medication on regional gray matter loss in relapsingâ€“remitting multiple sclerosisâ€“A longitudinal MRI study. <i>Brain Research</i> , 2010, 1325, 174-182.	2.2	31
148	Progression in disability and regional grey matter atrophy in relapsingâ€“remitting multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2014, 20, 202-213.	3.0	30
149	Exploring fMRI Results Space: 31 Variants of an fMRI Analysis in AFNI, FSL, and SPM. <i>Frontiers in Neuroinformatics</i> , 2016, 10, 24.	2.5	30
150	Commentary on Vul et al.'s (2009) â€œPuzzlingly High Correlations in fMRI Studies of Emotion, Personality, and Social Cognitionâ€• <i>Perspectives on Psychological Science</i> , 2009, 4, 291-293.	9.0	29
151	Using Gaussian-Process Regression for Meta-Analytic Neuroimaging Inference Based on Sparse Observations. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 1401-1416.	8.9	29
152	Medial demons registration localizes the degree of genetic influence over subcortical shape variability: An N&#x003D; 1480 meta-analysis. , 2015, 2015, 1402-1406.		29
153	The common genetic influence over processing speed and white matter microstructure: Evidence from the Old Order Amish and Human Connectome Projects. <i>NeuroImage</i> , 2016, 125, 189-197.	4.2	29
154	Structural Variability in the Human Brain Reflects Fine-Grained Functional Architecture at the Population Level. <i>Journal of Neuroscience</i> , 2019, 39, 6136-6149.	3.6	29
155	Estimating the prevalence of missing experiments in a neuroimaging metaâ€“analysis. <i>Research Synthesis Methods</i> , 2020, 11, 866-883.	8.7	28
156	Fixing the stimulus-as-fixed-effect fallacy in task fMRI. <i>Wellcome Open Research</i> , 0, 1, 23.	1.8	28
157	Associations between moderate alcohol consumption, brain iron, and cognition in UK Biobank participants: Observational and mendelian randomization analyses. <i>PLoS Medicine</i> , 2022, 19, e1004039.	8.4	28
158	Unravelling the GSK3Î²-related genotypic interaction network influencing hippocampal volume in recurrent major depressive disorder. <i>Psychiatric Genetics</i> , 2018, 28, 77-84.	1.1	27
159	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> , 2019, 13, 1361-1374.	2.1	27
160	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. <i>Neuron</i> , 2021, 109, 1769-1775.	8.1	27
161	Spatiotemporal Localization of Significant Activation in MEG Using Permutation Tests. <i>Lecture Notes in Computer Science</i> , 2003, 18, 512-523.	1.3	26
162	Spatiotemporal distribution of white matter lesions in relapsingâ€“remitting and secondary progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2012, 18, 1577-1584.	3.0	26

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163	Post-hoc power estimation for topological inference in fMRI. <i>NeuroImage</i> , 2014, 84, 45-64.	4.2	26
164	Shared and Anxiety-Specific Pediatric Psychopathology Dimensions Manifest Distributed Neural Correlates. <i>Biological Psychiatry</i> , 2021, 89, 579-587.	1.3	26
165	Searching Multiregression Dynamic Models of Resting-State fMRI Networks Using Integer Programming. <i>Bayesian Analysis</i> , 2015, 10, .	3.0	25
166	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> , 2021, 27, 2062-2076.	3.0	25
167	A Bayesian hierarchical spatial point process model for multi-type neuroimaging meta-analysis. <i>Annals of Applied Statistics</i> , 2014, 8, 1800-1824.	1.1	24
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