

Russell T Shinohara

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.

148
papers

5,938
citations

38
h-index

74
g-index

174
ext. papers

9,318
ext. citations

6.7
avg, IF

5.74
L-index

#	Paper	IF	Citations
148	Multidimensional Brain-Age Prediction Reveals Altered Brain Developmental Trajectory in Psychiatric Disorders.. <i>Cerebral Cortex</i> , 2022 ,	5.1	1
147	Developmental coupling of cerebral blood flow and fMRI fluctuations in youth.. <i>Cell Reports</i> , 2022 , 38, 110576	10.6	0
146	Statistical approaches to temporal and spatial autocorrelation in resting-state functional connectivity in mice measured with optical intrinsic signal imaging.. <i>Neurophotonics</i> , 2022 , 9, 041405	3.9	1
145	Generalized ComBat harmonization methods for radiomic features with multi-modal distributions and multiple batch effects.. <i>Scientific Reports</i> , 2022 , 12, 4493	4.9	0
144	A Framework for Brain Atlases: Lessons from Seizure Dynamics.. <i>NeuroImage</i> , 2022 , 118986	7.9	1
143	Harmonizing Functional Connectivity Reduces Scanner Effects in Community Detection.. <i>NeuroImage</i> , 2022 , 119198	7.9	0
142	Leveraging machine learning predictive biomarkers to augment the statistical power of clinical trials with baseline magnetic resonance imaging. <i>Brain Communications</i> , 2021 , 3, fcab264	4.5	0
141	Multi-scale semi-supervised clustering of brain images: Deriving disease subtypes. <i>Medical Image Analysis</i> , 2021 , 75, 102304	15.4	1
140	Privacy-preserving harmonization via distributed ComBat.. <i>NeuroImage</i> , 2021 , 248, 118822	7.9	1
139	Multiple sclerosis diagnosis: Knowledge gaps and opportunities for educational intervention in neurologists in the United States. <i>Multiple Sclerosis Journal</i> , 2021 , 13524585211048401	5	4
138	SpaGCN: Integrating gene expression, spatial location and histology to identify spatial domains and spatially variable genes by graph convolutional network. <i>Nature Methods</i> , 2021 , 18, 1342-1351	21.6	27
137	Pitfalls in brain age analyses. <i>Human Brain Mapping</i> , 2021 , 42, 4092-4101	5.9	11
136	A local group differences test for subject-level multivariate density neuroimaging outcomes. <i>Biostatistics</i> , 2021 , 22, 646-661	3.7	
135	Recovery kinetics of creatine in mild plantar flexion exercise using 3D creatine CEST imaging at 7 Tesla. <i>Magnetic Resonance in Medicine</i> , 2021 , 85, 802-817	4.4	8
134	Structural and Functional Brain Parameters Related to Cognitive Performance Across Development: Replication and Extension of the Parieto-Frontal Integration Theory in a Single Sample. <i>Cerebral Cortex</i> , 2021 , 31, 1444-1463	5.1	9
133	Diminished reward responsiveness is associated with lower reward network GluCEST: an ultra-high field glutamate imaging study. <i>Molecular Psychiatry</i> , 2021 , 26, 2137-2147	15.1	3
132	Resting fMRI-guided TMS results in subcortical and brain network modulation indexed by interleaved TMS/fMRI. <i>Experimental Brain Research</i> , 2021 , 239, 1165-1178	2.3	5

131	Structural brain measures linked to clinical phenotypes in major depression replicate across clinical centres. <i>Molecular Psychiatry</i> , 2021 , 26, 2764-2775	15.1	4
130	Fully automated detection of paramagnetic rims in multiple sclerosis lesions on 3T susceptibility-based MR imaging. <i>NeuroImage: Clinical</i> , 2021 , 32, 102796	5.3	2
129	A simple permutation-based test of intermodal correspondence. <i>Human Brain Mapping</i> , 2021 , 42, 5175-5187	5.9	3
128	Mitigating site effects in covariance for machine learning in neuroimaging data.. <i>Human Brain Mapping</i> , 2021 ,	5.9	3
127	Dimensional connectomics of anxious misery, a human connectome study related to human disease: Overview of protocol and data quality. <i>NeuroImage: Clinical</i> , 2020 , 28, 102489	5.3	3
126	Imaging Mechanisms of Disease Progression in Multiple Sclerosis: Beyond Brain Atrophy. <i>Journal of Neuroimaging</i> , 2020 , 30, 251-266	2.8	14
125	TAPAS: A Thresholding Approach for Probability Map Automatic Segmentation in Multiple Sclerosis. <i>NeuroImage: Clinical</i> , 2020 , 27, 102256	5.3	4
124	Evaluating White Matter Lesion Segmentations with Refined Sørensen-Dice Analysis. <i>Scientific Reports</i> , 2020 , 10, 8242	4.9	31
123	Sex Differences in Variability of Brain Structure Across the Lifespan. <i>Cerebral Cortex</i> , 2020 , 30, 5420-5439	9.1	10
122	Increased power by harmonizing structural MRI site differences with the ComBat batch adjustment method in ENIGMA. <i>NeuroImage</i> , 2020 , 218, 116956	7.9	32
121	The extent and drivers of gender imbalance in neuroscience reference lists. <i>Nature Neuroscience</i> , 2020 , 23, 918-926	25.5	125
120	Multi-scale network regression for brain-phenotype associations. <i>Human Brain Mapping</i> , 2020 , 41, 2553-2566	5.9	10
119	Imaging local genetic influences on cortical folding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 7430-7436	11.5	13
118	Longitudinal ComBat: A method for harmonizing longitudinal multi-scanner imaging data. <i>NeuroImage</i> , 2020 , 220, 117129	7.9	32
117	Two distinct neuroanatomical subtypes of schizophrenia revealed using machine learning. <i>Brain</i> , 2020 , 143, 1027-1038	11.2	53
116	Individual Variation in Functional Topography of Association Networks in Youth. <i>Neuron</i> , 2020 , 106, 340-353.e861	3.9	61
115	Experimental design and sample size considerations in longitudinal magnetic resonance imaging-based biomarker detection for multiple sclerosis. <i>Statistical Methods in Medical Research</i> , 2020 , 29, 2617-2628	2.3	2
114	Nonnegative decomposition of functional count data. <i>Biometrics</i> , 2020 , 76, 1273-1284	1.8	1

113	Longitudinal Development of Brain Iron Is Linked to Cognition in Youth. <i>Journal of Neuroscience</i> , 2020 , 40, 1810-1818	6.6	20
112	Leveraging multi-shell diffusion for studies of brain development in youth and young adulthood. <i>Developmental Cognitive Neuroscience</i> , 2020 , 43, 100788	5.5	27
111	Overall survival prediction in glioblastoma patients using structural magnetic resonance imaging (MRI): advanced radiomic features may compensate for lack of advanced MRI modalities. <i>Journal of Medical Imaging</i> , 2020 , 7, 031505	2.6	11
110	Optimization of energy state transition trajectory supports the development of executive function during youth. <i>ELife</i> , 2020 , 9,	8.9	19
109	Multi-institutional noninvasive in vivo characterization of , 1p/19q, and EGFRvIII in glioma using neuro-Cancer Imaging Phenomics Toolkit (neuro-CaPTk). <i>Neuro-Oncology Advances</i> , 2020 , 2, iv22-iv34	0.9	4
108	Temporal sequences of brain activity at rest are constrained by white matter structure and modulated by cognitive demands. <i>Communications Biology</i> , 2020 , 3, 261	6.7	36
107	Neurostructural Heterogeneity in Youths With Internalizing Symptoms. <i>Biological Psychiatry</i> , 2020 , 87, 473-482	7.9	12
106	Single-Voxel H MR spectroscopy of cerebral nicotinamide adenine dinucleotide (NAD) in humans at 7T using a 32-channel volume coil. <i>Magnetic Resonance in Medicine</i> , 2020 , 83, 806-814	4.4	7
105	Approaches to Defining Common and Dissociable Neurobiological Deficits Associated With Psychopathology in Youth. <i>Biological Psychiatry</i> , 2020 , 88, 51-62	7.9	10
104	Development of structure-function coupling in human brain networks during youth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 771-778	11.5	97
103	Spatial distribution of interictal spikes fluctuates over time and localizes seizure onset. <i>Brain</i> , 2020 , 143, 554-569	11.2	20
102	Harmonization of large MRI datasets for the analysis of brain imaging patterns throughout the lifespan. <i>NeuroImage</i> , 2020 , 208, 116450	7.9	79
101	Reproducibility analysis of multi-institutional paired expert annotations and radiomic features of the Ivy Glioblastoma Atlas Project (Ivy GAP) dataset. <i>Medical Physics</i> , 2020 , 47, 6039-6052	4.4	10
100	Alterations in white matter microstructure in individuals at persistent risk for psychosis. <i>Molecular Psychiatry</i> , 2020 , 25, 2441-2454	15.1	5
99	Sex-biased trajectories of amygdalo-hippocampal morphology change over human development. <i>NeuroImage</i> , 2020 , 204, 116122	7.9	16
98	Distance-based analysis of variance for brain connectivity. <i>Biometrics</i> , 2020 , 76, 257-269	1.8	0
97	Accelerated cortical thinning within structural brain networks is associated with irritability in youth. <i>Neuropsychopharmacology</i> , 2019 , 44, 2254-2262	8.7	12
96	Multisite reliability and repeatability of an advanced brain MRI protocol. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 50, 878-888	5.6	14

95	Structural and functional asymmetry of medial temporal subregions in unilateral temporal lobe epilepsy: A 7T MRI study. <i>Human Brain Mapping</i> , 2019 , 40, 2390-2398	5.9	22
94	The impact of peppermint oil on the irritable bowel syndrome: a meta-analysis of the pooled clinical data. <i>BMC Complementary and Alternative Medicine</i> , 2019 , 19, 21	4.7	100
93	Evidence for Dissociable Linkage of Dimensions of Psychopathology to Brain Structure in Youths. <i>American Journal of Psychiatry</i> , 2019 , 176, 1000-1009	11.9	27
92	Burden of Environmental Adversity Associated With Psychopathology, Maturation, and Brain Behavior Parameters in Youths. <i>JAMA Psychiatry</i> , 2019 , 76, 966-975	14.5	72
91	Characterizing the role of the structural connectome in seizure dynamics. <i>Brain</i> , 2019 , 142, 1955-1972	11.2	19
90	The emergent integrated network structure of scientific research. <i>PLoS ONE</i> , 2019 , 14, e0216146	3.7	8
89	Childhood trauma history is linked to abnormal brain connectivity in major depression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 8582-8590	11.5	66
88	A surface-in gradient of thalamic damage evolves in pediatric multiple sclerosis. <i>Annals of Neurology</i> , 2019 , 85, 340-351	9.4	24
87	Neuroimaging Findings in US Government Personnel With Possible Exposure to Directional Phenomena in Havana, Cuba. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 336-347	27.4	16
86	Virtual resection predicts surgical outcome for drug-resistant epilepsy. <i>Brain</i> , 2019 , 142, 3892-3905	11.2	42
85	Robust spatial extent inference with a semiparametric bootstrap joint inference procedure. <i>Biometrics</i> , 2019 , 75, 1145-1155	1.8	5
84	Glutamate weighted imaging contrast in gliomas with 7 Tesla magnetic resonance imaging. <i>NeuroImage: Clinical</i> , 2019 , 22, 101694	5.3	31
83	Imaging outcome measures of neuroprotection and repair in MS: A consensus statement from NAIMS. <i>Neurology</i> , 2019 , 92, 519-533	6.5	25
82	Alternating event processes during lifetimes: population dynamics and statistical inference. <i>Lifetime Data Analysis</i> , 2018 , 24, 110-125	1.3	2
81	An Automated Statistical Technique for Counting Distinct Multiple Sclerosis Lesions. <i>American Journal of Neuroradiology</i> , 2018 , 39, 626-633	4.4	15
80	Diminished Cortical Thickness Is Associated with Impulsive Choice in Adolescence. <i>Journal of Neuroscience</i> , 2018 , 38, 2471-2481	6.6	26
79	Quantitative assessment of structural image quality. <i>NeuroImage</i> , 2018 , 169, 407-418	7.9	129
78	MIMoSA: An Automated Method for Intermodal Segmentation Analysis of Multiple Sclerosis Brain Lesions. <i>Journal of Neuroimaging</i> , 2018 , 28, 389-398	2.8	24

77	Gradient nonlinearity effects on upper cervical spinal cord area measurement from 3D T-weighted brain MRI acquisitions. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 1595-1601	4.4	19
76	Radiomic subtyping improves disease stratification beyond key molecular, clinical, and standard imaging characteristics in patients with glioblastoma. <i>Neuro-Oncology</i> , 2018 , 20, 848-857	1	111
75	Linked dimensions of psychopathology and connectivity in functional brain networks. <i>Nature Communications</i> , 2018 , 9, 3003	17.4	169
74	Network changes associated with transdiagnostic depressive symptom improvement following cognitive behavioral therapy in MDD and PTSD. <i>Molecular Psychiatry</i> , 2018 , 23, 2314-2323	15.1	20
73	Interpretable High-Dimensional Inference Via Score Projection with an Application in Neuroimaging. <i>Journal of the American Statistical Association</i> , 2018 , 114, 820-830	2.8	1
72	Cancer imaging phenomics toolkit: quantitative imaging analytics for precision diagnostics and predictive modeling of clinical outcome. <i>Journal of Medical Imaging</i> , 2018 , 5, 011018	2.6	64
71	Joint Intensity Fusion Image Synthesis Applied to Multiple Sclerosis Lesion Segmentation 2018 , 10670, 43-54		2
70	Vitamin D levels do not predict the stage of hepatic fibrosis in patients with non-alcoholic fatty liver disease: A PRISMA compliant systematic review and meta-analysis of pooled data. <i>World Journal of Hepatology</i> , 2018 , 10, 142-154	3.4	13
69	Dice Overlap Measures for Objects of Unknown Number: Application to Lesion Segmentation. <i>Lecture Notes in Computer Science</i> , 2018 , 10670, 3-14	0.9	3
68	The NAIMS cooperative pilot project: Design, implementation and future directions. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 1770-1772	5	8
67	Harmonization of cortical thickness measurements across scanners and sites. <i>NeuroImage</i> , 2018 , 167, 104-120	7.9	286
66	Mapping the structural and functional network architecture of the medial temporal lobe using 7T MRI. <i>Human Brain Mapping</i> , 2018 , 39, 851-865	5.9	34
65	A dual modeling approach to automatic segmentation of cerebral T2 hyperintensities and T1 black holes in multiple sclerosis. <i>NeuroImage: Clinical</i> , 2018 , 20, 1211-1221	5.3	2
64	Automated Integration of Multimodal MRI for the Probabilistic Detection of the Central Vein Sign in White Matter Lesions. <i>American Journal of Neuroradiology</i> , 2018 , 39, 1806-1813	4.4	18
63	The landscape of NeuroImage-ing research. <i>NeuroImage</i> , 2018 , 183, 872-883	7.9	8
62	Normative brain size variation and brain shape diversity in humans. <i>Science</i> , 2018 , 360, 1222-1227	33.3	117
61	On testing for spatial correspondence between maps of human brain structure and function. <i>NeuroImage</i> , 2018 , 178, 540-551	7.9	162
60	Statistical harmonization corrects site effects in functional connectivity measurements from multi-site fMRI data. <i>Human Brain Mapping</i> , 2018 , 39, 4213-4227	5.9	117

59	Common Dimensional Reward Deficits Across Mood and Psychotic Disorders: A Connectome-Wide Association Study. <i>American Journal of Psychiatry</i> , 2017 , 174, 657-666	11.9	92
58	Cognitive behavioral therapy increases amygdala connectivity with the cognitive control network in both MDD and PTSD. <i>NeuroImage: Clinical</i> , 2017 , 14, 464-470	5.3	54
57	Modular Segregation of Structural Brain Networks Supports the Development of Executive Function in Youth. <i>Current Biology</i> , 2017 , 27, 1561-1572.e8	6.3	178
56	Benchmarking of participant-level confound regression strategies for the control of motion artifact in studies of functional connectivity. <i>NeuroImage</i> , 2017 , 154, 174-187	7.9	501
55	White matter microstructural deficits in 22q11.2 deletion syndrome. <i>Psychiatry Research - Neuroimaging</i> , 2017 , 268, 35-44	2.9	14
54	Harmonization of multi-site diffusion tensor imaging data. <i>NeuroImage</i> , 2017 , 161, 149-170	7.9	307
53	Volumetric Analysis from a Harmonized Multisite Brain MRI Study of a Single Subject with Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2017 , 38, 1501-1509	4.4	62
52	Tracheobronchomalacia Is Associated with Increased Morbidity in Bronchopulmonary Dysplasia. <i>Annals of the American Thoracic Society</i> , 2017 , 14,	4.7	62
51	Structural Correlation-based Outlier Rejection (SCORE) algorithm for arterial spin labeling time series. <i>Journal of Magnetic Resonance Imaging</i> , 2017 , 45, 1786-1797	5.6	23
50	Influence of vitamin D on liver fibrosis in chronic hepatitis C: A systematic review and meta-analysis of the pooled clinical trials data. <i>World Journal of Hepatology</i> , 2017 , 9, 278-287	3.4	18
49	Multiple Sclerosis Lesion Segmentation Using Joint Label Fusion. <i>Lecture Notes in Computer Science</i> , 2017 , 10530, 138-145	0.9	1
48	Stroke in HIV-infected African Americans: a retrospective cohort study. <i>Journal of NeuroVirology</i> , 2016 , 22, 50-5	3.9	11
47	Large-scale Radiomic Profiling of Recurrent Glioblastoma Identifies an Imaging Predictor for Stratifying Anti-Angiogenic Treatment Response. <i>Clinical Cancer Research</i> , 2016 , 22, 5765-5771	12.9	173
46	The central vein sign and its clinical evaluation for the diagnosis of multiple sclerosis: a consensus statement from the North American Imaging in Multiple Sclerosis Cooperative. <i>Nature Reviews Neurology</i> , 2016 , 12, 714-722	15	172
45	Elevated Amygdala Perfusion Mediates Developmental Sex Differences in Trait Anxiety. <i>Biological Psychiatry</i> , 2016 , 80, 775-785	7.9	67
44	Removing inter-subject technical variability in magnetic resonance imaging studies. <i>NeuroImage</i> , 2016 , 132, 198-212	7.9	61
43	Power estimation for non-standardized multisite studies. <i>NeuroImage</i> , 2016 , 134, 281-294	7.9	28
42	Relating multi-sequence longitudinal intensity profiles and clinical covariates in incident multiple sclerosis lesions. <i>NeuroImage: Clinical</i> , 2016 , 10, 1-17	5.3	15

41	Diastolic Dysfunction Increases the Risk of Primary Graft Dysfunction after Lung Transplant. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 193, 1392-400	10.2	38
40	Common and Dissociable Mechanisms of Executive System Dysfunction Across Psychiatric Disorders in Youth. <i>American Journal of Psychiatry</i> , 2016 , 173, 517-26	11.9	125
39	Structural Brain Abnormalities in Youth With Psychosis Spectrum Symptoms. <i>JAMA Psychiatry</i> , 2016 , 73, 515-24	14.5	79
38	Addressing Confounding in Predictive Models with an Application to Neuroimaging. <i>International Journal of Biostatistics</i> , 2016 , 12, 31-44	1.3	22
37	Cost comparison of Transcatheter and Operative Pulmonary Valve Replacement (from the Pediatric Health Information Systems Database). <i>American Journal of Cardiology</i> , 2016 , 117, 121-6	3	33
36	Soft Null Hypotheses: A Case Study of Image Enhancement Detection in Brain Lesions. <i>Journal of Computational and Graphical Statistics</i> , 2016 , 25, 570-588	1.4	2
35	Statistical estimation of T1 relaxation times using conventional magnetic resonance imaging. <i>NeuroImage</i> , 2016 , 133, 176-188	7.9	13
34	Subject-level measurement of local cortical coupling. <i>NeuroImage</i> , 2016 , 133, 88-97	7.9	12
33	Control-group feature normalization for multivariate pattern analysis of structural MRI data using the support vector machine. <i>NeuroImage</i> , 2016 , 132, 157-166	7.9	14
32	PREVAIL: Predicting Recovery through Estimation and Visualization of Active and Incident Lesions. <i>NeuroImage: Clinical</i> , 2016 , 12, 293-9	5.3	5
31	Statistical estimation of white matter microstructure from conventional MRI. <i>NeuroImage: Clinical</i> , 2016 , 12, 615-623	5.3	11
30	Cost comparison of transcatheter and operative closures of ostium secundum atrial septal defects. <i>American Heart Journal</i> , 2015 , 169, 727-735.e2	4.9	23
29	Interpreting support vector machine models for multivariate group wise analysis in neuroimaging. <i>Medical Image Analysis</i> , 2015 , 24, 190-204	15.4	35
28	A pilot trial to examine the effect of high-dose niacin on arterial wall inflammation using fluorodeoxyglucose positron emission tomography. <i>Academic Radiology</i> , 2015 , 22, 600-9	4.3	3
27	Predictors of Catastrophic Adverse Outcomes in Children With Pulmonary Hypertension Undergoing Cardiac Catheterization: A Multi-Institutional Analysis From the Pediatric Health Information Systems Database. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 1261-1269	15.1	40
26	Glutamate imaging (GluCEST) lateralizes epileptic foci in nonlesional temporal lobe epilepsy. <i>Science Translational Medicine</i> , 2015 , 7, 309ra161	17.5	112
25	Accuracy of Transthoracic Echocardiography in Assessing Retro-aortic Rim prior to Device Closure of Atrial Septal Defects. <i>Congenital Heart Disease</i> , 2015 , 10, E146-54	3.1	8
24	A Multicenter Cohort Study of Inferior Vena Cava Filter Use in Children. <i>Pediatric Blood and Cancer</i> , 2015 , 62, 2089-93	3	13

23	Scan-stratified case-control sampling for modeling blood-brain barrier integrity in multiple sclerosis. <i>Statistics in Medicine</i> , 2015 , 34, 2872-80	2.3	4
22	Effect of center catheterization volume on risk of catastrophic adverse event after cardiac catheterization in children. <i>American Heart Journal</i> , 2015 , 169, 823-832.e5	4.9	24
21	Topologically dissociable patterns of development of the human cerebral cortex. <i>Journal of Neuroscience</i> , 2015 , 35, 599-609	6.6	80
20	Worldwide reported use of IV tissue plasminogen activator for acute ischemic stroke. <i>International Journal of Stroke</i> , 2014 , 9, 349-55	6.3	33
19	Comparative effectiveness of less commonly used systemic monotherapies and common combination therapies for moderate to severe psoriasis in the clinical setting. <i>Journal of the American Academy of Dermatology</i> , 2014 , 71, 1167-75	4.5	22
18	Statistical normalization techniques for magnetic resonance imaging. <i>NeuroImage: Clinical</i> , 2014 , 6, 9-19	5.3	186
17	Impact of puberty on the evolution of cerebral perfusion during adolescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 8643-8	11.5	122
16	A comparison of supervised machine learning algorithms and feature vectors for MS lesion segmentation using multimodal structural MRI. <i>PLoS ONE</i> , 2014 , 9, e95753	3.7	25
15	Health effects of lesion localization in multiple sclerosis: spatial registration and confounding adjustment. <i>PLoS ONE</i> , 2014 , 9, e107263	3.7	14
14	OASIS is Automated Statistical Inference for Segmentation, with applications to multiple sclerosis lesion segmentation in MRI. <i>NeuroImage: Clinical</i> , 2013 , 2, 402-13	5.3	64
13	Estimating parsimonious models of longitudinal causal effects using regressions on propensity scores. <i>Statistics in Medicine</i> , 2013 , 32, 3829-37	2.3	3
12	A broad symmetry criterion for nonparametric validity of parametrically based tests in randomized trials. <i>Biometrics</i> , 2012 , 68, 85-91	1.8	2
11	Population-wide principal component-based quantification of blood-brain-barrier dynamics in multiple sclerosis. <i>NeuroImage</i> , 2011 , 57, 1430-46	7.9	32
10	The challenges with brain death determination in adult patients on extracorporeal membrane oxygenation. <i>Neurocritical Care</i> , 2011 , 14, 423-6	3.3	41
9	Neurological injury in adults treated with extracorporeal membrane oxygenation. <i>Archives of Neurology</i> , 2011 , 68, 1543-9		152
8	Bayesian Spatial Binary Regression for Label Fusion in Structural Neuroimaging. <i>Journal of the American Statistical Association</i> , 1-14	2.8	
7	Structural and functional brain parameters related to cognitive performance across development: Replication and extension of the parieto-frontal integration theory in a single sample		1
6	MIMoSA: A Method for Inter-Modal Segmentation Analysis		3

5	Statistical Pitfalls in Brain Age Analyses	3
4	Individualized non-invasive brain stimulation engages the subgenual anterior cingulate and amygdala	2
3	Harmonization of large multi-site imaging datasets: Application to 10,232 MRIs for the analysis of imaging patterns of structural brain change throughout the lifespan	1
2	Removal of Scanner Effects in Covariance Improves Multivariate Pattern Analysis in Neuroimaging Data	7
1	Longitudinal ComBat: A Method for Harmonizing Longitudinal Multi-scanner Imaging Data	2