Theodore D Satterthwaite

List of Publications by Citations

244 papers	14,209 citations	61 h-index	115 g-index
323 ext. papers	20,203 ext. citations	7 avg, IF	6.44 L-index

#	Paper	IF	Citations
244	An improved framework for confound regression and filtering for control of motion artifact in the preprocessing of resting-state functional connectivity data. *NeuroImage*, **2013**, 64, 240-56	7.9	1024
243	Impact of in-scanner head motion on multiple measures of functional connectivity: relevance for studies of neurodevelopment in youth. *NeuroImage*, **2012**, 60, 623-32	7.9	837
242	Sex differences in the structural connectome of the human brain. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 823-8	11.5	692
241	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. *Brain Imaging and Behavior*, **2014**, 8, 153-82	4.1	539
240	Subcortical brain volume abnormalities in 2028 individuals with schizophrenia and 2540 healthy controls via the ENIGMA consortium. *Molecular Psychiatry*, **2016**, 21, 547-53	15.1	525
239	Benchmarking of participant-level confound regression strategies for the control of motion artifact in studies of functional connectivity. *NeuroImage*, **2017**, 154, 174-187	7.9	501
238	Cortical abnormalities in bipolar disorder: an MRI analysis of 6503 individuals from the ENIGMA Bipolar Disorder Working Group. *Molecular Psychiatry*, **2018**, 23, 932-942	15.1	340
237	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. *Biological Psychiatry*, **2018**, 84, 644-654	7.9	325
236	Neuroimaging of the Philadelphia neurodevelopmental cohort. *NeuroImage*, **2014**, 86, 544-53	7.9	307
235	Harmonization of multi-site diffusion tensor imaging data. *NeuroImage*, **2017**, 161, 149-170	7.9	307
234	Subcortical volumetric abnormalities in bipolar disorder. *Molecular Psychiatry*, **2016**, 21, 1710-1716	15.1	283
233	Unraveling the miswired connectome: a developmental perspective. *Neuron*, **2014**, 83, 1335-53	13.9	232
232	Linked Sex Differences in Cognition and Functional Connectivity in Youth. *Cerebral Cortex*, **2015**, 25, 2383-94	5.1	209
231	Emergence of system roles in normative neurodevelopment. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 13681-6	11.5	197
230	Modular Segregation of Structural Brain Networks Supports the Development of Executive Function in Youth. *Current Biology*, **2017**, 27, 1561-1572.e8	6.3	178
229	The Philadelphia Neurodevelopmental Cohort: A publicly available resource for the study of normal and abnormal brain development in youth. *NeuroImage*, **2016**, 124, 1115-1119	7.9	173
228	Linked dimensions of psychopathology and connectivity in functional brain networks. *Nature Communications*, **2018**, 9, 3003	17.4	169

227	Functional maturation of the executive system during adolescence. *Journal of Neuroscience*, **2013**, 33, 16249-61	6.6	168
226	Heterogeneous impact of motion on fundamental patterns of developmental changes in functional connectivity during youth. *NeuroImage*, **2013**, 83, 45-57	7.9	167
225	On testing for spatial correspondence between maps of human brain structure and function. *NeuroImage*, **2018**, 178, 540-551	7.9	162
224	Neurocognitive growth charting in psychosis spectrum youths. *JAMA Psychiatry*, **2014**, 71, 366-74	14.5	160
223	Age-Related Effects and Sex Differences in Gray Matter Density, Volume, Mass, and Cortical Thickness from Childhood to Young Adulthood. *Journal of Neuroscience*, **2017**, 37, 5065-5073	6.6	152
222	Common and Dissociable Dysfunction of the Reward System in Bipolar and Unipolar Depression. *Neuropsychopharmacology*, **2015**, 40, 2258-68	8.7	149
221	Beyond stereotypes of adolescent risk taking: Placing the adolescent brain in developmental context. *Developmental Cognitive Neuroscience*, **2017**, 27, 19-34	5.5	147
220	The Philadelphia Neurodevelopmental Cohort: constructing a deep phenotyping collaborative. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2015**, 56, 1356-1369	7.9	136
219	Imaging patterns of brain development and their relationship to cognition. *Cerebral Cortex*, **2015**, 25, 1676-84	5.1	133
218	Amotivation in schizophrenia: integrated assessment with behavioral, clinical, and imaging measures. *Schizophrenia Bulletin*, **2014**, 40, 1328-37	1.3	131
217	Quantitative assessment of structural image quality. *NeuroImage*, **2018**, 169, 407-418	7.9	129
216	The impact of quality assurance assessment on diffusion tensor imaging outcomes in a large-scale population-based cohort. *NeuroImage*, **2016**, 125, 903-919	7.9	128
215	Common and Dissociable Mechanisms of Executive System Dysfunction Across Psychiatric Disorders in Youth. *American Journal of Psychiatry*, **2016**, 173, 517-26	11.9	125
214	Impact of puberty on the evolution of cerebral perfusion during adolescence. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 8643-8	11.5	122
213	The psychosis spectrum in a young U.S. community sample: findings from the Philadelphia Neurodevelopmental Cohort. *World Psychiatry*, **2014**, 13, 296-305	14.4	120
212	Normative brain size variation and brain shape diversity in humans. *Science*, **2018**, 360, 1222-1227	33.3	117
211	MUSE: MUlti-atlas region Segmentation utilizing Ensembles of registration algorithms and parameters, and locally optimal atlas selection. *NeuroImage*, **2016**, 127, 186-195	7.9	113
210	Being right is its own reward: load and performance related ventral striatum activation to correct responses during a working memory task in youth. *NeuroImage*, **2012**, 61, 723-9	7.9	109

209	Sex differences in the developing brain: insights from multimodal neuroimaging. *Neuropsychopharmacology*, **2019**, 44, 71-85	8.7	102
208	Development of structure-function coupling in human brain networks during youth. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 771-778	11.5	97
207	Establishing a link between sex-related differences in the structural connectome and behaviour. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2016**, 371, 20150111	5.8	96
206	Dissociable but inter-related systems of cognitive control and reward during decision making: evidence from pupillometry and event-related fMRI. *NeuroImage*, **2007**, 37, 1017-31	7.9	94
205	Common Dimensional Reward Deficits Across Mood and Psychotic Disorders: A Connectome-Wide Association Study. *American Journal of Psychiatry*, **2017**, 174, 657-666	11.9	92
204	The modular organization of human anatomical brain networks: Accounting for the cost of wiring. *Network Neuroscience*, **2017**, 1, 42-68	5.6	91
203	Developmental increases in white matter network controllability support a growing diversity of brain dynamics. *Nature Communications*, **2017**, 8, 1252	17.4	90
202	Default mode network segregation and social deficits in autism spectrum disorder: Evidence from non-medicated children. *NeuroImage: Clinical*, **2015**, 9, 223-32	5.3	90
201	Positive affect, surprise, and fatigue are correlates of network flexibility. *Scientific Reports*, **2017**, 7, 520	4.9	84
200	Mitigating head motion artifact in functional connectivity MRI. *Nature Protocols*, **2018**, 13, 2801-2826	18.8	84
199	Topologically dissociable patterns of development of the human cerebral cortex. *Journal of Neuroscience*, **2015**, 35, 599-609	6.6	80
198	Structural Brain Abnormalities in Youth With Psychosis Spectrum Symptoms. *JAMA Psychiatry*, **2016**, 73, 515-24	14.5	79
197	Harmonization of large MRI datasets for the analysis of brain imaging patterns throughout the lifespan. *NeuroImage*, **2020**, 208, 116450	7.9	79
196	Connectome-wide network analysis of youth with Psychosis-Spectrum symptoms. *Molecular Psychiatry*, **2015**, 20, 1508-15	15.1	78
195	Multisite Machine Learning Analysis Provides a Robust Structural Imaging Signature of Schizophrenia Detectable Across Diverse Patient Populations and Within Individuals. *Schizophrenia Bulletin*, **2018**, 44, 1035-1044	1.3	77
194	Burden of Environmental Adversity Associated With Psychopathology, Maturation, and Brain Behavior Parameters in Youths. *JAMA Psychiatry*, **2019**, 76, 966-975	14.5	72
193	Sex differences in the effect of puberty on hippocampal morphology. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2014**, 53, 341-50.e1	7.2	71
192	Using structural MRI to identify bipolar disorders - 13 site machine learning study in 3020 individuals from the ENIGMA Bipolar Disorders Working Group. *Molecular Psychiatry*, **2020**, 25, 2130-2143	15.1	71

191	Motion artifact in studies of functional connectivity: Characteristics and mitigation strategies. *Human Brain Mapping*, **2019**, 40, 2033-2051	5.9	69
190	Elevated Amygdala Perfusion Mediates Developmental Sex Differences in Trait Anxiety. *Biological Psychiatry*, **2016**, 80, 775-785	7.9	67
189	Diminished effort on a progressive ratio task in both unipolar and bipolar depression. *Journal of Affective Disorders*, **2016**, 196, 97-100	6.6	67
188	Evolution of brain network dynamics in neurodevelopment. *Network Neuroscience*, **2017**, 1, 14-30	5.6	66
187	Functional neuroimaging abnormalities in youth with psychosis spectrum symptoms. *JAMA Psychiatry*, **2015**, 72, 456-65	14.5	66
186	Prefrontal cortical thinning links to negative symptoms in schizophrenia via the ENIGMA consortium. *Psychological Medicine*, **2018**, 48, 82-94	6.9	66
185	Identifying Sparse Connectivity Patterns in the brain using resting-state fMRI. *NeuroImage*, **2015**, 105, 286-99	7.9	65
184	Within-individual variability in neurocognitive performance: age- and sex-related differences in children and youths from ages 8 to 21. *Neuropsychology*, **2014**, 28, 506-18	3.8	64
183	Individual Variation in Functional Topography of Association Networks in Youth. *Neuron*, **2020**, 106, 340-353.e8	13.9	61
182	Persistence of psychosis spectrum symptoms in the Philadelphia Neurodevelopmental Cohort: a prospective two-year follow-up. *World Psychiatry*, **2017**, 16, 62-76	14.4	59
181	Patterns of coordinated cortical remodeling during adolescence and their associations with functional specialization and evolutionary expansion. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 3527-3532	11.5	59
180	MRI signatures of brain age and disease over the lifespan based on a deep brain network and 14 468 individuals worldwide. *Brain*, **2020**, 143, 2312-2324	11.2	58
179	The impact of in-scanner head motion on structural connectivity derived from diffusion MRI. *NeuroImage*, **2018**, 173, 275-286	7.9	57
178	Dimensional depression severity in women with major depression and post-traumatic stress disorder correlates with fronto-amygdalar hypoconnectivty. *Molecular Psychiatry*, **2016**, 21, 894-902	15.1	55
177	Cognitive behavioral therapy increases amygdala connectivity with the cognitive control network in both MDD and PTSD. *NeuroImage: Clinical*, **2017**, 14, 464-470	5.3	54
176	Unsupervised learning of functional network dynamics in resting state fMRI. *Lecture Notes in Computer Science*, **2013**, 23, 426-37	0.9	54
175	Aberrant Cortical Morphometry in the 22q11.2 Deletion Syndrome. *Biological Psychiatry*, **2015**, 78, 135-43	7.9	53
174	Two distinct neuroanatomical subtypes of schizophrenia revealed using machine learning. *Brain*, **2020**, 143, 1027-1038	11.2	53

173	A meta-analysis of the risk of acute extrapyramidal symptoms with intramuscular antipsychotics for the treatment of agitation. *Journal of Clinical Psychiatry*, **2008**, 69, 1869-79	4.6	53
172	Finding the needle in a high-dimensional haystack: Canonical correlation analysis for neuroscientists. *NeuroImage*, **2020**, 216, 116745	7.9	50
171	How can studies of resting-state functional connectivity help us understand psychosis as a disorder of brain development?. *Current Opinion in Neurobiology*, **2015**, 30, 85-91	7.6	49
170	Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. *Molecular Psychiatry*, **2021**, 26, 5124-5139	15.1	48
169	Association of enhanced limbic response to threat with decreased cortical facial recognition memory response in schizophrenia. *American Journal of Psychiatry*, **2010**, 167, 418-26	11.9	48
168	Positive symptoms associate with cortical thinning in the superior temporal gyrus via the ENIGMA Schizophrenia consortium. *Acta Psychiatrica Scandinavica*, **2017**, 135, 439-447	6.5	47
167	GraSP: geodesic Graph-based Segmentation with Shape Priors for the functional parcellation of the cortex. *NeuroImage*, **2015**, 106, 207-21	7.9	45
166	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. *JAMA Psychiatry*, **2021**, 78, 47-63	14.5	43
165	Shared endo-phenotypes of default mode dsfunction in attention deficit/hyperactivity disorder and autism spectrum disorder. *Translational Psychiatry*, **2018**, 8, 133	8.6	42
164	Association between traumatic stress load, psychopathology, and cognition in the Philadelphia Neurodevelopmental Cohort. *Psychological Medicine*, **2019**, 49, 325-334	6.9	42
163	Understanding the Emergence of Neuropsychiatric Disorders With Network Neuroscience. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2018**, 3, 742-753	3.4	39
162	Heterogeneity of structural and functional imaging patterns of advanced brain aging revealed via machine learning methods. *Neurobiology of Aging*, **2018**, 71, 41-50	5.6	38
161	Temporal sequences of brain activity at rest are constrained by white matter structure and modulated by cognitive demands. *Communications Biology*, **2020**, 3, 261	6.7	36
160	Divergent relationship of depression severity to social reward responses among patients with bipolar versus unipolar depression. *Psychiatry Research - Neuroimaging*, **2016**, 254, 18-25	2.9	35
159	Associations between Neighborhood SES and Functional Brain Network Development. *Cerebral Cortex*, **2020**, 30, 1-19	5.1	34
158	Neurodevelopment of the association cortices: Patterns, mechanisms, and implications for psychopathology. *Neuron*, **2021**, 109, 2820-2846	13.9	34
157	Personalized Neuroscience: Common and Individual-Specific Features in Functional Brain Networks. *Neuron*, **2018**, 98, 243-245	13.9	33
156	Increased power by harmonizing structural MRI site differences with the ComBat batch adjustment method in ENIGMA. *NeuroImage*, **2020**, 218, 116956	7.9	32

155	An Evaluation of the Specificity of Executive Function Impairment in Developmental Psychopathology. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2017**, 56, 975-982.e3	7.2	32
154	BRAIN AGE PREDICTION BASED ON RESTING-STATE FUNCTIONAL CONNECTIVITY PATTERNS USING CONVOLUTIONAL NEURAL NETWORKS **2018**, 2018, 101-104	1.5	31
153	Greater male than female variability in regional brain structure across the lifespan. *Human Brain Mapping*, **2020**,	5.9	31
152	Sex differences in network controllability as a predictor of executive function in youth. *NeuroImage*, **2019**, 188, 122-134	7.9	30
151	Heritability of subcortical and limbic brain volume and shape in multiplex-multigenerational families with schizophrenia. *Biological Psychiatry*, **2015**, 77, 137-46	7.9	29
150	Convergent neural representations of experimentally-induced acute pain in healthy volunteers: A large-scale fMRI meta-analysis. *Neuroscience and Biobehavioral Reviews*, **2020**, 112, 300-323	9	28
149	Brain state expression and transitions are related to complex executive cognition in normative neurodevelopment. *NeuroImage*, **2018**, 166, 293-306	7.9	28
148	Evidence for Dissociable Linkage of Dimensions of Psychopathology to Brain Structure in Youths. *American Journal of Psychiatry*, **2019**, 176, 1000-1009	11.9	27
147	Leveraging multi-shell diffusion for studies of brain development in youth and young adulthood. *Developmental Cognitive Neuroscience*, **2020**, 43, 100788	5.5	27
146	Neural correlates of depressive realism--an fMRI study on causal attribution in depression. *Journal of Affective Disorders*, **2012**, 138, 268-76	6.6	27
145	Large-scale sparse functional networks from resting state fMRI. *NeuroImage*, **2017**, 156, 1-13	7.9	27
144	Diminished Cortical Thickness Is Associated with Impulsive Choice in Adolescence. *Journal of Neuroscience*, **2018**, 38, 2471-2481	6.6	26
143	QSIPrep: an integrative platform for preprocessing and reconstructing diffusion MRI data. *Nature Methods*, **2021**, 18, 775-778	21.6	26
142	Evaluation of confound regression strategies for the mitigation of micromovement artifact in studies of dynamic resting-state functional connectivity and multilayer network modularity. *Network Neuroscience*, **2019**, 3, 427-454	5.6	26
141	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. *Human Brain Mapping*, **2021**,	5.9	26
140	Globally weaker and topologically different: resting-state connectivity in youth with autism. *Molecular Autism*, **2017**, 8, 39	6.5	25
139	MIMoSA: An Automated Method for Intermodal Segmentation Analysis of Multiple Sclerosis Brain Lesions. *Journal of Neuroimaging*, **2018**, 28, 389-398	2.8	24
138	Amygdala abnormalities in first-degree relatives of individuals with schizophrenia unmasked by benzodiazepine challenge. *Psychopharmacology*, **2011**, 218, 503-12	4.7	24

137	Functional hypergraph uncovers novel covariant structures over neurodevelopment. *Human Brain Mapping*, **2017**, 38, 3823-3835	5.9	23
136	System-level matching of structural and functional connectomes in the human brain. *NeuroImage*, **2019**, 199, 93-104	7.9	23
135	Cognitive Behavioral Therapy Is Associated With Enhanced Cognitive Control Network Activity in Major Depression and Posttraumatic Stress Disorder. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2018**, 3, 311-319	3.4	23
134	Frontolimbic responses to emotional face memory: the neural correlates of first impressions. *Human Brain Mapping*, **2009**, 30, 3748-58	5.9	22
133	Steeper discounting of delayed rewards in schizophrenia but not first-degree relatives. *Psychiatry Research*, **2017**, 252, 303-309	9.9	21
132	Cannabis use in youth is associated with limited alterations in brain structure. *Neuropsychopharmacology*, **2019**, 44, 1362-1369	8.7	21
131	The Relationship Between White Matter Microstructure and General Cognitive Ability in Patients With Schizophrenia and Healthy Participants in the ENIGMA Consortium. *American Journal of Psychiatry*, **2020**, 177, 537-547	11.9	21
130	What we learn about bipolar disorder from large-scale neuroimaging: Findings and future directions from the ENIGMA Bipolar Disorder Working Group. *Human Brain Mapping*, **2020**,	5.9	21
129	Digital phenotyping for psychiatry: Accommodating data and theory with network science methodologies. *Current Opinion in Biomedical Engineering*, **2019**, 9, 8-13	4.4	21
128	Towards an Individualized Delineation of Functional Neuroanatomy. *Neuron*, **2015**, 87, 471-3	13.9	20
127	Longitudinal Development of Brain Iron Is Linked to Cognition in Youth. *Journal of Neuroscience*, **2020**, 40, 1810-1818	6.6	20
126	Brain state flexibility accompanies motor-skill acquisition. *NeuroImage*, **2018**, 171, 135-147	7.9	20
125	Network changes associated with transdiagnostic depressive symptom improvement following cognitive behavioral therapy in MDD and PTSD. *Molecular Psychiatry*, **2018**, 23, 2314-2323	15.1	20
124	Sparse dictionary learning of resting state fMRI networks. *International Workshop on Pattern Recognition in NeuroImaging*, **2012**, 73-76		20
123	Classification of multi-site MR images in the presence of heterogeneity using multi-task learning. *NeuroImage: Clinical*, **2018**, 19, 476-486	5.3	20
122	Association of Prenatal Exposure to Population-Wide Folic Acid Fortification With Altered Cerebral Cortex Maturation in Youths. *JAMA Psychiatry*, **2018**, 75, 918-928	14.5	20
121	Towards precise resting-state fMRI biomarkers in psychiatry: synthesizing developments in transdiagnostic research, dimensional models of psychopathology, and normative neurodevelopment. *Current Opinion in Neurobiology*, **2020**, 65, 120-128	7.6	19
120	Mega-analysis methods in ENIGMA: The experience of the generalized anxiety disorder working group. *Human Brain Mapping*, **2020**,	5.9	19

119	Temporal stability of network centrality in control and default mode networks: Specific associations with externalizing psychopathology in children and adolescents. *Human Brain Mapping*, **2015**, 36, 4926-37	5.9	19
118	Optimization of energy state transition trajectory supports the development of executive function during youth. *ELife*, **2020**, 9,	8.9	19
117	Opposing amygdala and ventral striatum connectivity during emotion identification. *Brain and Cognition*, **2011**, 76, 353-63	2.7	18
116	The regulation of positive and negative emotions through instructed causal attributions in lifetime depression - A functional magnetic resonance imaging study. *NeuroImage: Clinical*, **2018**, 20, 1233-1245	5.3	18
115	Development of a computerized adaptive screening tool for overall psychopathology ("p"). *Journal of Psychiatric Research*, **2019**, 116, 26-33	5.2	17
114	Striatal intrinsic reinforcement signals during recognition memory: relationship to response bias and dysregulation in schizophrenia. *Frontiers in Behavioral Neuroscience*, **2011**, 5, 81	3.5	17
113	A Multidimensional Neural Maturation Index Reveals Reproducible Developmental Patterns in Children and Adolescents. *Journal of Neuroscience*, **2020**, 40, 1265-1275	6.6	17
112	Temporal Lobe Volume Decrements in Psychosis Spectrum Youths. *Schizophrenia Bulletin*, **2017**, 43, 601-610	6.3	16
111	Neural Markers of the Development of Executive Function: Relevance for Education. *Current Opinion in Behavioral Sciences*, **2016**, 10, 7-13	4	15
110	Impact of Tryptophan Depletion on Executive System Function during Menopause is Moderated by Childhood Adversity. *Neuropsychopharmacology*, **2017**, 42, 2398-2406	8.7	14
109	White matter microstructural deficits in 22q11.2 deletion syndrome. *Psychiatry Research - Neuroimaging*, **2017**, 268, 35-44	2.9	14
108	ENIGMA-anxiety working group: Rationale for and organization of large-scale neuroimaging studies of anxiety disorders. *Human Brain Mapping*, **2020**,	5.9	14
107	Control-group feature normalization for multivariate pattern analysis of structural MRI data using the support vector machine. *NeuroImage*, **2016**, 132, 157-166	7.9	14
106	Sex differences in estimated brain metabolism in relation to body growth through adolescence. *Journal of Cerebral Blood Flow and Metabolism*, **2019**, 39, 524-535	7.3	14
105	Imaging local genetic influences on cortical folding. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 7430-7436	11.5	13
104	Intensity warping for multisite MRI harmonization. *NeuroImage*, **2020**, 223, 117242	7.9	13
103	Functional Connectivity of Frontoparietal and Salience/Ventral Attention Networks Have Independent Associations With Co-occurring Attention-Deficit/Hyperactivity Disorder Symptoms in Children With Autism. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2019**, 4, 343-351	3.4	13
102	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3-90 years. *Human Brain Mapping*, **2021**,	5.9	13

101	Accelerated cortical thinning within structural brain networks is associated with irritability in youth. *Neuropsychopharmacology*, **2019**, 44, 2254-2262	8.7	12
100	Multiple Facets of Value-Based Decision Making in Major Depressive Disorder. *Scientific Reports*, **2020**, 10, 3415	4.9	12
99	Electroconvulsive therapy in a 72-year-old woman with a history of Takotsubo cardiomyopathy: a case report and review of the literature. *Brain Stimulation*, **2009**, 2, 238-40	5.1	12
98	Neurostructural Heterogeneity in Youths With Internalizing Symptoms. *Biological Psychiatry*, **2020**, 87, 473-482	7.9	12
97	Subject-level measurement of local cortical coupling. *NeuroImage*, **2016**, 133, 88-97	7.9	12
96	Gestational Age is Dimensionally Associated with Structural Brain Network Abnormalities Across Development. *Cerebral Cortex*, **2019**, 29, 2102-2114	5.1	12
95	Pitfalls in brain age analyses. *Human Brain Mapping*, **2021**, 42, 4092-4101	5.9	11
94	Sex Differences in Variability of Brain Structure Across the Lifespan. *Cerebral Cortex*, **2020**, 30, 5420-5430	5.1	10
93	Multi-scale network regression for brain-phenotype associations. *Human Brain Mapping*, **2020**, 41, 2553-2566	5.9	10
92	QSIPrep: An integrative platform for preprocessing and reconstructing diffusion MRI		10
91	Approaches to Defining Common and Dissociable Neurobiological Deficits Associated With Psychopathology in Youth. *Biological Psychiatry*, **2020**, 88, 51-62	7.9	10
90	Transdiagnostic dimensions of psychopathology explain individuals' unique deviations from normative neurodevelopment in brain structure. *Translational Psychiatry*, **2021**, 11, 232	8.6	9
89	Structural and Functional Brain Parameters Related to Cognitive Performance Across Development: Replication and Extension of the Parieto-Frontal Integration Theory in a Single Sample. *Cerebral Cortex*, **2021**, 31, 1444-1463	5.1	9
88	Impact of early life adversity and tryptophan depletion on functional connectivity in menopausal women: A double-blind, placebo-controlled crossover study. *Psychoneuroendocrinology*, **2017**, 84, 197-205	5	8
87	Reward and punishment reversal-learning in major depressive disorder. *Journal of Abnormal Psychology*, **2020**, 129, 810-823	7	8
86	Brain charts for the human lifespan		8
85	Control of brain network dynamics across diverse scales of space and time. *Physical Review E*, **2020**, 101, 062301	2.4	7
84	Morphological integration of the human brain across adolescence and adulthood. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	7

83	Network Controllability in Transmodal Cortex Predicts Positive Psychosis Spectrum Symptoms. *Biological Psychiatry*, **2021**, 90, 409-418	7.9	7
82	A meta-analysis of deep brain structural shape and asymmetry abnormalities in 2,833 individuals with schizophrenia compared with 3,929 healthy volunteers via the ENIGMA Consortium. *Human Brain Mapping*, **2021**,	5.9	7
81	IDENTIFYING PATTERNS IN TEMPORAL VARIATION OF FUNCTIONAL CONNECTIVITY USING RESTING STATE FMRI **2013**, 2013, 1086-1089	1.5	6
80	Development of an itemwise efficiency scoring method: Concurrent, convergent, discriminant, and neuroimaging-based predictive validity assessed in a large community sample. *Psychological Assessment*, **2016**, 28, 1529-1542	5.3	6
79	Subcortical Volume Trajectories across the Lifespan: Data from 18,605 healthy individuals aged 3-90 years		6
78	Discriminative sparse connectivity patterns for classification of fMRI Data. *Lecture Notes in Computer Science*, **2014**, 17, 193-200	0.9	6
77	Faster family-wise error control for neuroimaging with a parametric bootstrap. *Biostatistics*, **2018**, 19, 497-513	3.7	6
76	sGraSP: A graph-based method for the derivation of subject-specific functional parcellations of the brain. *Journal of Neuroscience Methods*, **2017**, 277, 1-20	3	5
75	Robust spatial extent inference with a semiparametric bootstrap joint inference procedure. *Biometrics*, **2019**, 75, 1145-1155	1.8	5
74	Oral alprazolam acutely increases nucleus accumbens perfusion. *Molecular Psychiatry*, **2013**, 18, 960-1	15.1	5
73	Reply to Joel and Tarrasch: On misreading and shooting the messenger. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, E638	11.5	5
72	Adolescent Brain Cognitive Development (ABCD) Community MRI Collection and Utilities		5
71	Alterations in white matter microstructure in individuals at persistent risk for psychosis. *Molecular Psychiatry*, **2020**, 25, 2441-2454	15.1	5
70	Engaging endogenous opioid circuits in pain affective processes. *Journal of Neuroscience Research*, **2020**,	4.4	4
69	Parsing Psychiatric Heterogeneity Through Common and Unique Circuit-Level Deficits. *Biological Psychiatry*, **2020**, 88, 4-5	7.9	4
68	Cardiac complications of ECT: myocardial stunning syndrome and takotsubo cardiomyopathy after ECT: different names for the same phenomenon. *Journal of ECT*, **2010**, 26, 146-7	2	4
67	Moving Beyond Processing and Analysis-Related Variation in Neuroscience		4
66	Machine Learning for Large-Scale Quality Control of 3D Shape Models in Neuroimaging. *Lecture Notes in Computer Science*, **2017**, 10541, 371-378	0.9	4

65	Cortical Thickness Trajectories across the Lifespan: Data from 17,075 healthy individuals aged 3-90 years		4
64	Network Controllability in Transmodal Cortex Predicts Psychosis Spectrum Symptoms. *Biological Psychiatry*, **2021**, 89, S370-S371	7.9	4
63	Sex-Specific Association Between High Traumatic Stress Exposure and Social Cognitive Functioning in Youths. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2018**, 3, 860-867	3.4	4
62	Cortical and subcortical brain structure in generalized anxiety disorder: findings from 28 research sites in the ENIGMA-Anxiety Working Group. *Translational Psychiatry*, **2021**, 11, 502	8.6	4
61	Disrupted anatomic networks in the 22q11.2 deletion syndrome. *NeuroImage: Clinical*, **2016**, 12, 420-8	5.3	3
60	Multivariate fMRI Analysis using Optimally-Discriminative Voxel-Based Analysis. *International Workshop on Pattern Recognition in NeuroImaging*, **2012**, 2012, 33-36		3
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58	MIMoSA: A Method for Inter-Modal Segmentation Analysis		3
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