

Resting-state connectivity biomarkers define neurophy

Nature Medicine

23, 28-38

DOI: [10.1038/nm.4246](https://doi.org/10.1038/nm.4246)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Parsing depression. <i>Nature Reviews Neuroscience</i> , 2017, 18, 70-70.	4.9	1
2	Imaging biomarkers and biotypes for depression. <i>Nature Medicine</i> , 2017, 23, 16-17.	15.2	32
3	Modelling depression in animals: at the interface of reward and stress pathways. <i>Psychopharmacology</i> , 2017, 234, 1451-1465.	1.5	86
4	Building better biomarkers: brain models in translational neuroimaging. <i>Nature Neuroscience</i> , 2017, 20, 365-377.	7.1	764
5	Biological Subtypes Bridge Diagnoses and Biomarkers: A Novel Research Track for Mental Disorders. <i>Neuroscience Bulletin</i> , 2017, 33, 351-353.	1.5	4
6	Functional connectomics from a "big data" perspective. <i>NeuroImage</i> , 2017, 160, 152-167.	2.1	77
7	Clinically useful brain imaging for neuropsychiatry: How can we get there?. <i>Depression and Anxiety</i> , 2017, 34, 578-587.	2.0	25
8	Commentary. Transcranial Magnetic Stimulation: Does It Matter Where or What or Whom You Target?. <i>Journal of Psychiatric Practice</i> , 2017, 23, 148-149.	0.3	0
9	Network-targeted cerebellar transcranial magnetic stimulation improves attentional control. <i>NeuroImage</i> , 2017, 156, 190-198.	2.1	46
10	Data-Driven Subgroups in Depression Derived from Directed Functional Connectivity Paths at Rest. <i>Neuropsychopharmacology</i> , 2017, 42, 2623-2632.	2.8	73
11	Neuroimaging as a tool to study the sources of phenotypic heterogeneity in Huntington's disease. <i>Current Opinion in Neurology</i> , 2017, 30, 398-404.	1.8	2
12	Cognitive enhancing effects of rTMS administered to the prefrontal cortex in patients with depression: A systematic review and meta-analysis of individual task effects. <i>Depression and Anxiety</i> , 2017, 34, 1029-1039.	2.0	117
13	Fatigue during treatment with antiepileptic drugs: A levetiracetam-specific adverse event?. <i>Epilepsy and Behavior</i> , 2017, 72, 17-21.	0.9	5
14	Insula and amygdala resting-state functional connectivity differentiate bipolar from unipolar depression. <i>Acta Psychiatrica Scandinavica</i> , 2017, 136, 129-139.	2.2	110
15	Clinical utility of resting-state functional connectivity magnetic resonance imaging for mood and cognitive disorders. <i>Journal of Neural Transmission</i> , 2017, 124, 821-839.	1.4	50
16	Cortex-wide optical imaging and network analysis of antidepressant effects. <i>Brain</i> , 2017, 140, 2074-2078.	3.7	3
17	Resting-State Functional Connectivity-Based Biomarkers and Functional MRI-Based Neurofeedback for Psychiatric Disorders: A Challenge for Developing Theranostic Biomarkers. <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, 769-781.	1.0	98
18	Resting State Functional Connectivity Signature of Treatment Effects of Repetitive Transcranial Magnetic Stimulation in Mal de Debarquement Syndrome. <i>Brain Connectivity</i> , 2017, 7, 617-626.	0.8	26

#	ARTICLE	IF	CITATIONS
19	A pilot study of cortical glutathione in youth with depression. <i>Psychiatry Research - Neuroimaging</i> , 2017, 270, 54-60.	0.9	36
20	Brain response patterns to economic inequity predict present and future depression indices. <i>Nature Human Behaviour</i> , 2017, 1, 748-756.	6.2	12
21	Presurgical thalamocortical connectivity is associated with response to vagus nerve stimulation in children with intractable epilepsy. <i>NeuroImage: Clinical</i> , 2017, 16, 634-642.	1.4	62
22	Ventral Striatum Functional Connectivity as a Predictor of Adolescent Depressive Disorder in a Longitudinal Community-Based Sample. <i>American Journal of Psychiatry</i> , 2017, 174, 1112-1119.	4.0	130
23	Kraepelin's Crumbling Twin Pillars: Using Biology to Reconstruct Psychiatric Nosology From the Bottom Up. <i>Biological Psychiatry</i> , 2017, 82, e71-e74.	0.7	2
24	Neuroimaging in Psychiatry: A Quarter Century of Progress. <i>Harvard Review of Psychiatry</i> , 2017, 25, 195-197.	0.9	16
25	Multidimensional encoding of brain connectomes. <i>Scientific Reports</i> , 2017, 7, 11491.	1.6	33
26	Clinical and demographic predictors of response to rTMS treatment in unipolar and bipolar depressive disorders. <i>Clinical Neurophysiology</i> , 2017, 128, 1961-1970.	0.7	69
27	Evaluating the replicability, specificity, and generalizability of connectome fingerprints. <i>NeuroImage</i> , 2017, 158, 371-377.	2.1	54
28	What big data can do for treatment in psychiatry. <i>Current Opinion in Behavioral Sciences</i> , 2017, 18, 34-42.	2.0	83
29	Amygdala and regional volumes in treatment-resistant versus nontreatment-resistant depression patients. <i>Depression and Anxiety</i> , 2017, 34, 1065-1071.	2.0	17
30	How Shall I Diagnose Thee? Let Me Count the Ways. <i>Biological Psychiatry</i> , 2017, 82, 306-308.	0.7	1
31	Editorial: What is depression?. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2017, 58, 1287-1289.	3.1	62
32	Reduced orbitofrontal-thalamic functional connectivity related to suicidal ideation in patients with major depressive disorder. <i>Scientific Reports</i> , 2017, 7, 15772.	1.6	83
33	Roles of Inflammation and Depression in the Development of Gestational Diabetes. <i>Current Behavioral Neuroscience Reports</i> , 2017, 4, 369-383.	0.6	10
34	Brain signature and functional impact of centralized pain: a multidisciplinary approach to the study of chronic pelvic pain (MAPP) network study. <i>Pain</i> , 2017, 158, 1979-1991.	2.0	106
35	Sample heterogeneity in unipolar depression as assessed by functional connectivity analyses is dominated by general disease effects. <i>Journal of Affective Disorders</i> , 2017, 222, 79-87.	2.0	22
36	Depressed gut? The microbiota-diet-inflammation triologue in depression. <i>Current Opinion in Psychiatry</i> , 2017, 30, 369-377.	3.1	94

#	ARTICLE	IF	CITATIONS
37	Can a rapid measure of self-exposure to drugs of abuse provide dimensional information on depression comorbidity?. American Journal on Addictions, 2017, 26, 632-639.	1.3	4
38	Common Marmosets: A Potential Translational Animal Model of Juvenile Depression. Frontiers in Psychiatry, 2017, 8, 175.	1.3	32
39	Neuroimaging tests for clinical psychiatry: Are we there yet?. Journal of Psychiatry and Neuroscience, 2017, 42, 219-221.	1.4	2
40	Mediators of Glucocorticoid-Regulated Adaptive Plasticity. , 0, , .		2
41	Cortico-Striatal-Thalamic Loop Circuits of the Orbitofrontal Cortex: Promising Therapeutic Targets in Psychiatric Illness. Frontiers in Systems Neuroscience, 2017, 11, 25.	1.2	212
42	It takes time to tune. Annals of Translational Medicine, 2017, 5, 171-171.	0.7	2
43	Deep brain stimulation of the ventral anterior limb of the internal capsule for treatment-resistant depression: possibilities, limits and future perspectives. Annals of Translational Medicine, 2017, 5, 167-167.	0.7	1
45	Default Mode Connectivity in Major Depressive Disorder Measured Up to 10 Days After Ketamine Administration. Biological Psychiatry, 2018, 84, 582-590.	0.7	123
46	More data, more answers: picking the optimal antidepressant. Lancet, The, 2018, 391, 1333-1334.	6.3	6
47	Disease Definition for Schizophrenia by Functional Connectivity Using Radiomics Strategy. Schizophrenia Bulletin, 2018, 44, 1053-1059.	2.3	62
48	Changes in brain connectivity during a sham-controlled, transcranial magnetic stimulation trial for depression. Journal of Affective Disorders, 2018, 232, 143-151.	2.0	58
49	Melancholy, anhedonia, apathy: the search for separable behaviors and neural circuits in depression. Current Opinion in Neurobiology, 2018, 49, 192-200.	2.0	35
50	Treatment Selection in Depression. Annual Review of Clinical Psychology, 2018, 14, 209-236.	6.3	276
51	Brain Subtyping Enhances The Neuroanatomical Discrimination of Schizophrenia. Schizophrenia Bulletin, 2018, 44, 1060-1069.	2.3	78
52	Anhedonia in depression: biological mechanisms and computational models. Current Opinion in Behavioral Sciences, 2018, 22, 128-135.	2.0	107
53	Effectiveness of theta burst versus high-frequency repetitive transcranial magnetic stimulation in patients with depression (THREE-D): a randomised non-inferiority trial. Lancet, The, 2018, 391, 1683-1692.	6.3	706
54	Personalized Transcranial Magnetic Stimulation in Psychiatry. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 731-741.	1.1	49
55	Resting-State Connectivity Biomarkers of Cognitive Performance and Social Function in Individuals With Schizophrenia Spectrum Disorder and Healthy Control Subjects. Biological Psychiatry, 2018, 84, 665-674.	0.7	64

#	ARTICLE	IF	CITATIONS
56	Cutting nature at its joints, but how and where?. <i>Acta Psychiatrica Scandinavica</i> , 2018, 137, 173-175.	2.2	0
57	Machine Learning Approaches for Clinical Psychology and Psychiatry. <i>Annual Review of Clinical Psychology</i> , 2018, 14, 91-118.	6.3	520
58	Physical exercise for late-life depression: Effects on symptom dimensions and time course. <i>Journal of Affective Disorders</i> , 2018, 230, 65-70.	2.0	74
59	Parsing the heterogeneity of depression: An exploratory factor analysis across commonly used depression rating scales. <i>Journal of Affective Disorders</i> , 2018, 231, 51-57.	2.0	62
60	A Shared Vision for Machine Learning in Neuroscience. <i>Journal of Neuroscience</i> , 2018, 38, 1601-1607.	1.7	121
61	High-dose spaced theta-burst TMS as a rapid-acting antidepressant in highly refractory depression. <i>Brain</i> , 2018, 141, e18-e18.	3.7	138
62	Brain-behavior patterns define a dimensional biotype in medication-naïve adults with attention-deficit hyperactivity disorder. <i>Psychological Medicine</i> , 2018, 48, 2399-2408.	2.7	37
63	Functional Neurocircuits and Neuroimaging Biomarkers of Tobacco Use Disorder. <i>Trends in Molecular Medicine</i> , 2018, 24, 129-143.	3.5	32
64	Resting-state functional connectivity remains unaffected by preceding exposure to aversive visual stimuli. <i>NeuroImage</i> , 2018, 167, 354-365.	2.1	8
65	Unpacking Major Depressive Disorder: From Classification to Treatment Selection. <i>Canadian Journal of Psychiatry</i> , 2018, 63, 308-313.	0.9	12
66	Heightened connectivity between the ventral striatum and medial prefrontal cortex as a biomarker for stress-related psychopathology: understanding interactive effects of early and more recent stress. <i>Psychological Medicine</i> , 2018, 48, 1835-1843.	2.7	48
67	Considering factors affecting the connectome-based identification process: Comment on Waller et al.. <i>NeuroImage</i> , 2018, 169, 172-175.	2.1	50
68	Hippocampal metabolic differences implicate distinctions between physical and psychological stress in four rat models of depression. <i>Translational Psychiatry</i> , 2018, 8, 4.	2.4	66
69	Thinking big in mental health. <i>Nature Medicine</i> , 2018, 24, 1-1.	15.2	50
70	Diagnosis of Major Depressive Disorders: Clinical and Biological Perspectives. , 2018, , 53-68.		1
71	Application of Neuroimaging in the Diagnosis and Treatment of Depression. , 2018, , 69-81.		7
72	Biological Markers to Differentiate the Subtypes of Depression. , 2018, , 115-128.		0
73	Treating refractory depression in Parkinson's disease: a meta-analysis of transcranial magnetic stimulation. <i>Translational Neurodegeneration</i> , 2018, 7, 8.	3.6	17

#	ARTICLE	IF	CITATIONS
74	Identifying first-episode drug naïve patients with schizophrenia with or without auditory verbal hallucinations using whole-brain functional connectivity: A pattern analysis study. <i>NeuroImage: Clinical</i> , 2018, 19, 351-359.	1.4	10
75	Accumulating Data to Optimally Predict Obesity Treatment (ADOPT): Recommendations from the Biological Domain. <i>Obesity</i> , 2018, 26, S25-S34.	1.5	23
76	Making Individual Prognoses in Psychiatry Using Neuroimaging and Machine Learning. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 798-808.	1.1	105
77	Noninvasive Brain Stimulation: Challenges and Opportunities for a New Clinical Specialty. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2018, 30, 173-179.	0.9	53
78	Comparison of guidelines for the treatment of unipolar depression: a focus on pharmacotherapy and neurostimulation. <i>Acta Psychiatrica Scandinavica</i> , 2018, 137, 459-471.	2.2	53
79	Multi-Site Diagnostic Classification of Schizophrenia Using Discriminant Deep Learning with Functional Connectivity MRI. <i>EBioMedicine</i> , 2018, 30, 74-85.	2.7	206
80	Brain-wide Electrical Spatiotemporal Dynamics Encode Depression Vulnerability. <i>Cell</i> , 2018, 173, 166-180.e14.	13.5	135
81	Cognitive Control in Depression: Toward Clinical Models Informed by Cognitive Neuroscience. <i>Clinical Psychological Science</i> , 2018, 6, 464-480.	2.4	56
82	Dimensional thinking in psychiatry in the era of the Research Domain Criteria (RDoC). <i>Irish Journal of Psychological Medicine</i> , 2018, 35, 89-94.	0.7	30
83	Multisite generalizability of schizophrenia diagnosis classification based on functional brain connectivity. <i>Schizophrenia Research</i> , 2018, 192, 167-171.	1.1	43
84	Early symptom improvement at 10 sessions as a predictor of rTMS treatment outcome in major depression. <i>Brain Stimulation</i> , 2018, 11, 181-189.	0.7	39
85	Acute effects of vortioxetine and duloxetine on resting-state functional connectivity in the awake rat. <i>Neuropharmacology</i> , 2018, 128, 379-387.	2.0	13
86	Principal component analysis and neural predictors of emotion regulation. <i>Behavioural Brain Research</i> , 2018, 338, 128-133.	1.2	9
87	Predicting Response to Repetitive Transcranial Magnetic Stimulation in Patients With Schizophrenia Using Structural Magnetic Resonance Imaging: A Multisite Machine Learning Analysis. <i>Schizophrenia Bulletin</i> , 2018, 44, 1021-1034.	2.3	57
88	Responders to rTMS for depression show increased fronto-midline theta and theta connectivity compared to non-responders. <i>Brain Stimulation</i> , 2018, 11, 190-203.	0.7	133
89	Targeted neural network interventions for auditory hallucinations: Can TMS inform DBS?. <i>Schizophrenia Research</i> , 2018, 195, 455-462.	1.1	4
90	Depression subtyping based on evolutionary psychiatry: Proximate mechanisms and ultimate functions. <i>Brain, Behavior, and Immunity</i> , 2018, 69, 603-617.	2.0	84
91	A brief introduction to the neurogenetics of cognition-emotion interactions. <i>Current Opinion in Behavioral Sciences</i> , 2018, 19, 50-54.	2.0	6

#	ARTICLE	IF	CITATIONS
92	Multimodal Investigation of Network Level Effects Using Intrinsic Functional Connectivity, Anatomical Covariance, and Structure-to-Function Correlations in Unmedicated Major Depressive Disorder. <i>Neuropsychopharmacology</i> , 2018, 43, 1119-1127.	2.8	57
93	Understanding psychiatric disorder by capturing ecologically relevant features of learning and decision-making. <i>Behavioural Brain Research</i> , 2018, 355, 56-75.	1.2	40
94	Treatment resistant depression: A multi-scale, systems biology approach. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 84, 272-288.	2.9	319
95	The potential of predictive analytics to provide clinical decision support in depression treatment planning. <i>Current Opinion in Psychiatry</i> , 2018, 31, 32-39.	3.1	73
96	Machine Learning for Precision Psychiatry: Opportunities and Challenges. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 223-230.	1.1	365
98	Transdiagnostic Symptom Clusters and Associations With Brain, Behavior, and Daily Function in Mood, Anxiety, and Trauma Disorders. <i>JAMA Psychiatry</i> , 2018, 75, 201.	6.0	143
99	PsychotherapyPlus: augmentation of cognitive behavioral therapy (CBT) with prefrontal transcranial direct current stimulation (tDCS) in major depressive disorder—study design and methodology of a multicenter double-blind randomized placebo-controlled trial. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 797-808.	1.8	46
100	A dimensional approach to determine common and specific neurofunctional markers for depression and social anxiety during emotional face processing. <i>Human Brain Mapping</i> , 2018, 39, 758-771.	1.9	22
101	Neuroimaging biomarkers as predictors of treatment outcome in Major Depressive Disorder. <i>Journal of Affective Disorders</i> , 2018, 233, 21-35.	2.0	124
102	The Multifaceted Role of the Ventromedial Prefrontal Cortex in Emotion, Decision Making, Social Cognition, and Psychopathology. <i>Biological Psychiatry</i> , 2018, 83, 638-647.	0.7	583
103	The cerebral basis of Parkinsonian tremor: A network perspective. <i>Movement Disorders</i> , 2018, 33, 219-231.	2.2	98
104	Neuroimaging Mechanisms of Therapeutic Transcranial Magnetic Stimulation for Major Depressive Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 211-222.	1.1	62
105	SMRI Biomarkers Predict Electroconvulsive Treatment Outcomes: Accuracy with Independent Data Sets. <i>Neuropsychopharmacology</i> , 2018, 43, 1078-1087.	2.8	49
106	Serotonin in psychiatry: in vitro disease modeling using patient-derived neurons. <i>Cell and Tissue Research</i> , 2018, 371, 161-170.	1.5	36
107	Accelerated iTBS treatment in depressed patients differentially modulates reward system activity based on anhedonia. <i>World Journal of Biological Psychiatry</i> , 2018, 19, 497-508.	1.3	24
108	Machine Learning of Functional Magnetic Resonance Imaging Network Connectivity Predicts Substance Abuse Treatment Completion. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 141-149.	1.1	26
109	Changes in default-mode network activity and functional connectivity as an indicator of psychedelic-assisted psychotherapy effectiveness. <i>Neuropsychiatry Neuropsychologia</i> , 2018, 13, 91-97.	0.3	10
110	Challenges and Opportunities in Psychiatric Neuroscience. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2018, 83, 1-8.	2.0	7

#	ARTICLE	IF	CITATIONS
112	MRI-Based Diagnostics of Depression Concomitant with Epilepsy: In Search of the Potential Biomarkers. , 2018, , .		6
113	Regional cerebral metabolism alterations affect resting-state functional connectivity in major depressive disorder. Quantitative Imaging in Medicine and Surgery, 2018, 8, 910-924.	1.1	33
114	Imaging the Future of Major Depression. Focus (American Psychiatric Publishing), 2018, 16, 3s-3s.	0.4	0
115	Learning Connectivity Patterns via Graph Kernels for fMRI-Based Depression Diagnostics. , 2018, , .		4
116	Toward More Objective Measures in Psychiatry. International Journal of Emergency Mental Health, 2018, 20, .	0.3	0
118	Accelerated rTMS: A Potential Treatment to Alleviate Refractory Depression. Frontiers in Psychology, 2018, 9, 2017.	1.1	40
119	Direct Electrical Stimulation of Lateral Orbitofrontal Cortex Acutely Improves Mood in Individuals with Symptoms of Depression. Current Biology, 2018, 28, 3893-3902.e4.	1.8	112
120	An Amygdala-Hippocampus Subnetwork that Encodes Variation in Human Mood. Cell, 2018, 175, 1688-1700.e14.	13.5	119
121	From Matrices to Knowledge: Using Semantic Networks to Annotate the Connectome. Frontiers in Neuroanatomy, 2018, 12, 111.	0.9	4
122	Cerebellar Contributions to Major Depression. Frontiers in Psychiatry, 2018, 9, 634.	1.3	81
123	Beyond the Coded Gaze. Proceedings of the ACM on Human-Computer Interaction, 2018, 2, 1-21.	2.5	34
124	Thalamic Morphometric Changes Induced by Firstâ€Person Action Videogame Training. European Journal of Neuroscience, 2018, 49, 1180-1195.	1.2	8
125	Anti-cytokine agents for anhedonia: targeting inflammation and the immune system to treat dimensional disturbances in depression. Therapeutic Advances in Psychopharmacology, 2018, 8, 337-348.	1.2	50
126	Striatal dopamine deficits predict reductions in striatal functional connectivity in major depression: a concurrent 11C-raclopride positron emission tomography and functional magnetic resonance imaging investigation. Translational Psychiatry, 2018, 8, 264.	2.4	44
127	Increased Functional Connectivity Between Medulla and Inferior Parietal Cortex in Medication-Free Major Depressive Disorder. Frontiers in Neuroscience, 2018, 12, 926.	1.4	8
128	Digital phenotyping approaches and mobile devices enhance CNS biopharmaceutical research and development. Neuropsychopharmacology, 2018, 43, 2504-2505.	2.8	10
129	Prediction Models of Functional Outcomes for Individuals in the Clinical High-Risk State for Psychosis or With Recent-Onset Depression. JAMA Psychiatry, 2018, 75, 1156.	6.0	251
130	Identification of depression subtypes and relevant brain regions using a data-driven approach. Scientific Reports, 2018, 8, 14082.	1.6	90

#	ARTICLE	IF	CITATIONS
131	Response and Remission Rates Following High-Frequency vs. Low-Frequency Repetitive Transcranial Magnetic Stimulation (rTMS) Over Right DLPFC for Treating Major Depressive Disorder (MDD): A Meta-Analysis of Randomized, Double-Blind Trials. <i>Frontiers in Psychiatry</i> , 2018, 9, 413.	1.3	73
132	Opioid modulation of depression: A focus on imaging studies. <i>Progress in Brain Research</i> , 2018, 239, 229-252.	0.9	4
133	Functional Connectivity in Multiple Sclerosis: Recent Findings and Future Directions. <i>Frontiers in Neurology</i> , 2018, 9, 828.	1.1	66
134	Diminished positive affect and traumatic stress: A biobehavioral review and commentary on trauma affective neuroscience. <i>Neurobiology of Stress</i> , 2018, 9, 214-230.	1.9	27
135	A comprehensive regional neurochemical theory in depression: a protocol for the systematic review and meta-analysis of 1H-MRS studies in major depressive disorder. <i>Systematic Reviews</i> , 2018, 7, 158.	2.5	12
136	Indexing the neurobiology of psychotic depression with resting state connectivity: Insights from the STOP-PD study. <i>EBioMedicine</i> , 2018, 37, 32-33.	2.7	2
137	Improving therapy outcome prediction in major depression using multimodal functional neuroimaging: A pilot study. <i>Personalized Medicine in Psychiatry</i> , 2018, 11-12, 7-15.	0.1	2
138	Lipidomics in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2018, 9, 459.	1.3	44
139	Rapid effectiveness of intravenous ketamine for ultraresistant depression in a clinical setting and evidence for baseline anhedonia and bipolarity as clinical predictors of effectiveness. <i>Journal of Psychopharmacology</i> , 2018, 32, 1110-1117.	2.0	38
140	Increased inflammation and brain glutamate define a subtype of depression with decreased regional homogeneity, impaired network integrity, and anhedonia. <i>Translational Psychiatry</i> , 2018, 8, 189.	2.4	78
141	Mood variations decoded from multi-site intracranial human brain activity. <i>Nature Biotechnology</i> , 2018, 36, 954-961.	9.4	164
142	Study of altered functional connectivity in individuals at risk for Alzheimer's Disease. <i>Technology and Health Care</i> , 2018, 26, 103-111.	0.5	7
143	New machine-learning technologies for computer-aided diagnosis. <i>Nature Medicine</i> , 2018, 24, 1304-1305.	15.2	72
144	Computational Approaches to Understanding Mental Dysfunction: Progress, Challenges, and New Frontiers. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 728-730.	1.1	1
145	Transcranial magnetic stimulation in obsessive-compulsive disorder: A focus on network mechanisms and state dependence. <i>NeuroImage: Clinical</i> , 2018, 19, 661-674.	1.4	47
146	Extracting orthogonal subject- and condition-specific signatures from fMRI data using whole-brain effective connectivity. <i>NeuroImage</i> , 2018, 178, 238-254.	2.1	41
148	A pilot study of GABAB correlates with resting-state functional connectivity in five depressed female adolescents. <i>Psychiatry Research - Neuroimaging</i> , 2018, 279, 60-63.	0.9	2
149	Acute trajectories of neural activation predict remission to pharmacotherapy in late-life depression. <i>NeuroImage: Clinical</i> , 2018, 19, 831-839.	1.4	27

#	ARTICLE	IF	CITATIONS
150	Discrete patterns of cortical thickness in youth with bipolar disorder differentially predict treatment response to quetiapine but not lithium. <i>Neuropsychopharmacology</i> , 2018, 43, 2256-2263.	2.8	38
151	Cross-species evidence from human and rat brain transcriptome for growth factor signaling pathway dysregulation in major depression. <i>Neuropsychopharmacology</i> , 2018, 43, 2134-2145.	2.8	25
152	Unraveling the Genetics of Major Depression and Stress-Related Psychiatric Disorders: Is It Time for a Paradigm Shift?. <i>Biological Psychiatry</i> , 2018, 84, 82-84.	0.7	11
153	Linked dimensions of psychopathology and connectivity in functional brain networks. <i>Nature Communications</i> , 2018, 9, 3003.	5.8	323
154	Multimodal neuromarkers in schizophrenia via cognition-guided MRI fusion. <i>Nature Communications</i> , 2018, 9, 3028.	5.8	127
155	Effects of genetic deletion versus pharmacological blockade of the LPA1 receptor on depression-like behaviour and related brain functional activity. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	13
156	Caffeine and Selective Adenosine Receptor Antagonists as New Therapeutic Tools for the Motivational Symptoms of Depression. <i>Frontiers in Pharmacology</i> , 2018, 9, 526.	1.6	74
157	e-Addictology: An Overview of New Technologies for Assessing and Intervening in Addictive Behaviors. <i>Frontiers in Psychiatry</i> , 2018, 9, 51.	1.3	87
158	Altered Resting State Effective Connectivity of Anterior Insula in Depression. <i>Frontiers in Psychiatry</i> , 2018, 9, 83.	1.3	65
159	Altered Resting-State Brain Activities in Drug-Naïve Major Depressive Disorder Assessed by fMRI: Associations With Somatic Symptoms Defined by Yin-Yang Theory of the Traditional Chinese Medicine. <i>Frontiers in Psychiatry</i> , 2018, 9, 195.	1.3	9
160	Neuromarkers for Mental Disorders: Harnessing Population Neuroscience. <i>Frontiers in Psychiatry</i> , 2018, 9, 242.	1.3	40
161	Neuromodulation of reinforced skill learning reveals the causal function of prefrontal cortex. <i>Human Brain Mapping</i> , 2018, 39, 4724-4732.	1.9	14
162	Representation, Pattern Information, and Brain Signatures: From Neurons to Neuroimaging. <i>Neuron</i> , 2018, 99, 257-273.	3.8	156
163	Toward an integrative perspective on the neural mechanisms underlying persistent maladaptive behaviors. <i>European Journal of Neuroscience</i> , 2018, 48, 1870-1883.	1.2	13
164	Non-invasive Brain Stimulation: Probing Intracortical Circuits and Improving Cognition in the Aging Brain. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 177.	1.7	53
165	Disturbed Experience of Time in Depression—Evidence from Content Analysis. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 66.	1.0	39
166	Focusing on the Differences of Resting-State Brain Networks, Using a Data-Driven Approach to Explore the Functional Neuroimaging Characteristics of Extraversion Trait. <i>Frontiers in Neuroscience</i> , 2018, 12, 109.	1.4	9
167	Combined rTMS/fMRI Studies: An Overlooked Resource in Animal Models. <i>Frontiers in Neuroscience</i> , 2018, 12, 180.	1.4	14

#	ARTICLE	IF	CITATIONS
168	Functional Connectivity and Genetic Profile of a "Double-Cortex"-Like Malformation. <i>Frontiers in Integrative Neuroscience</i> , 2018, 12, 22.	1.0	11
169	Clinical Findings Documenting Cellular and Molecular Abnormalities of Glia in Depressive Disorders. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 56.	1.4	44
170	The role of ovarian steroids in affective disorders. <i>Current Opinion in Behavioral Sciences</i> , 2018, 23, 103-112.	2.0	14
171	Impact of non-brain anatomy and coil orientation on inter- and intra-subject variability in TMS at midline. <i>Clinical Neurophysiology</i> , 2018, 129, 1873-1883.	0.7	44
172	GraphVar 2.0: A user-friendly toolbox for machine learning on functional connectivity measures. <i>Journal of Neuroscience Methods</i> , 2018, 308, 21-33.	1.3	24
173	Mapping stress networks using functional magnetic resonance imaging in awake animals. <i>Neurobiology of Stress</i> , 2018, 9, 251-263.	1.9	27
174	The Electrochemical Brain: Lessons From The "Bell Jar" and Interventional Psychiatry. <i>Biological Psychiatry</i> , 2018, 84, e23-e24.	0.7	2
175	Deep Brain Stimulation in Psychiatry. <i>Psychiatric Clinics of North America</i> , 2018, 41, 373-383.	0.7	21
176	Shared endo-phenotypes of default mode dysfunction in attention deficit/hyperactivity disorder and autism spectrum disorder. <i>Translational Psychiatry</i> , 2018, 8, 133.	2.4	59
177	Task-induced brain state manipulation improves prediction of individual traits. <i>Nature Communications</i> , 2018, 9, 2807.	5.8	346
178	Multivariate Classification of Major Depressive Disorder Using the Effective Connectivity and Functional Connectivity. <i>Frontiers in Neuroscience</i> , 2018, 12, 38.	1.4	47
179	History of suicide attempt and right superior temporal gyrus volume in youth with treatment-resistant major depressive disorder. <i>Journal of Affective Disorders</i> , 2018, 239, 291-294.	2.0	40
180	Applications of machine learning algorithms to predict therapeutic outcomes in depression: A meta-analysis and systematic review. <i>Journal of Affective Disorders</i> , 2018, 241, 519-532.	2.0	179
181	Decreased Connection Between Reward Systems and Paralimbic Cortex in Depressive Patients. <i>Frontiers in Neuroscience</i> , 2018, 12, 462.	1.4	16
182	Pre-treatment attentional processing speed and antidepressant response to transcranial direct current stimulation: Results from an international randomized controlled trial. <i>Brain Stimulation</i> , 2018, 11, 1282-1290.	0.7	11
183	Limbic Intrinsic Connectivity in Depressed and High-Risk Youth. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2018, 57, 775-785.e3.	0.3	42
184	Machine learning in major depression: From classification to treatment outcome prediction. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 1037-1052.	1.9	199
185	Noninvasive Methodology (NMR). , 2018, , 1-15.		0

#	ARTICLE	IF	CITATIONS
186	Electrophysiological Signatures of Intrinsic Functional Connectivity Related to rTMS Treatment for Mal de Debarquement Syndrome. <i>Brain Topography</i> , 2018, 31, 1047-1058.	0.8	15
187	Characterizing the course of suicidal ideation response to ketamine. <i>Journal of Affective Disorders</i> , 2018, 241, 86-93.	2.0	44
188	Updates on Transcranial Magnetic Stimulation Therapy for Major Depressive Disorder. <i>Psychiatric Clinics of North America</i> , 2018, 41, 419-431.	0.7	25
189	The Future of Brain Stimulation Treatments. <i>Psychiatric Clinics of North America</i> , 2018, 41, 515-533.	0.7	14
190	Common and distinct patterns of abnormal cortical gyrification in major depression and borderline personality disorder. <i>European Neuropsychopharmacology</i> , 2018, 28, 1115-1125.	0.3	30
191	Transforming Psychiatry into Data-Driven Medicine with Digital Measurement Tools. <i>Npj Digital Medicine</i> , 2018, 1, 37.	5.7	49
192	Volume of the Human Hippocampus and Clinical Response Following Electroconvulsive Therapy. <i>Biological Psychiatry</i> , 2018, 84, 574-581.	0.7	138
193	Transcranial Direct Current Stimulation in the Acute Depressive Episode. <i>Journal of ECT</i> , 2018, 34, 153-163.	0.3	40
194	A Clinician's Perspective on Biomarkers. <i>Focus (American Psychiatric Publishing)</i> , 2018, 16, 124-134.	0.4	13
195	Stratification of MDD and GAD patients by resting state brain connectivity predicts cognitive bias. <i>NeuroImage: Clinical</i> , 2018, 19, 425-433.	1.4	26
196	A longitudinal human phantom reliability study of multi-center T1-weighted, DTI, and resting state fMRI data. <i>Psychiatry Research - Neuroimaging</i> , 2018, 282, 134-142.	0.9	26
197	A Clinician's Guide to PTSD Biomarkers and Their Potential Future Use. <i>Focus (American Psychiatric)</i> Tj ETQq1 1,0,784314 rgBT /Ove	0.4	10
198	Where to Target? The Precision Medicine Approach to Brain Stimulation. <i>Biological Psychiatry</i> , 2018, 84, e1-e2.	0.7	8
199	Cerebral oxidative metabolism mapping in four genetic mouse models of anxiety and mood disorders. <i>Behavioural Brain Research</i> , 2019, 356, 435-443.	1.2	6
200	Accelerated intermittent theta burst stimulation in major depression induces decreases in modularity: A connectome analysis. <i>Network Neuroscience</i> , 2019, 3, 157-172.	1.4	20
201	Sex differences and the neurobiology of affective disorders. <i>Neuropsychopharmacology</i> , 2019, 44, 111-128.	2.8	174
202	Data-Driven Clustering Reveals a Link Between Symptoms and Functional Brain Connectivity in Depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 16-26.	1.1	35
203	Alterations in resting-state functional connectivity in substance use disorders and treatment implications. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 91, 79-93.	2.5	34

#	ARTICLE	IF	CITATIONS
204	Effectiveness of the prefrontal repetitive transcranial magnetic stimulation on cognitive profiles in depression, schizophrenia, and Alzheimer's disease: A systematic review. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 88, 31-40.	2.5	66
205	Physiological Considerations of Functional Magnetic Resonance Imaging in Animal Models. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 522-532.	1.1	13
206	Cortical thickness in major depressive disorder: A systematic review and meta-analysis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 88, 287-302.	2.5	113
207	Multidimensional imaging techniques for prediction of treatment response in major depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 91, 38-48.	2.5	10
208	Global connectivity of the fronto-parietal cognitive control network is related to depression symptoms in the general population. <i>Network Neuroscience</i> , 2019, 3, 107-123.	1.4	65
209	Correlated Resting-State Functional MRI Activity of Frontostriatal, Thalamic, Temporal, and Cerebellar Brain Regions Differentiates Stroke Survivors with High Compared to Low Depressive Symptom Scores. <i>Neural Plasticity</i> , 2019, 2019, 1-12.	1.0	7
210	Brain hemispheric involvement in visuospatial and verbal divergent thinking. <i>NeuroImage</i> , 2019, 202, 116065.	2.1	67
211	Connectomic Profiling Identifies Responders to Vagus Nerve Stimulation. <i>Annals of Neurology</i> , 2019, 86, 743-753.	2.8	68
212	Brain-behaviour modes of covariation in healthy and clinically depressed young people. <i>Scientific Reports</i> , 2019, 9, 11536.	1.6	31
213	Relationship between Interhemispheric Inhibition and Dexterous Hand Performance in Musicians and Non-musicians. <i>Scientific Reports</i> , 2019, 9, 11574.	1.6	10
214	Intrinsic Brain Network Biomarkers of Antidepressant Response: a Review. <i>Current Psychiatry Reports</i> , 2019, 21, 87.	2.1	55
215	Sensorimotor Connectivity after Motor Exercise with Neurofeedback in Post-Stroke Patients with Hemiplegia. <i>Neuroscience</i> , 2019, 416, 109-125.	1.1	32
216	Grey Matter changes in treatment-resistant depression during electroconvulsive therapy. <i>Journal of Affective Disorders</i> , 2019, 258, 42-49.	2.0	24
217	Empirically supported interventions in psychology: contributions of Research Domain Criteria. <i>Psicologia: Reflexao E Critica</i> , 2019, 32, 15.	0.4	2
218	Evaluation of the spatial variability in the major resting-state networks across human brain functional atlases. <i>Human Brain Mapping</i> , 2019, 40, 4577-4587.	1.9	69
219	MRI and brain stimulation in common practice: Toward precision medicine. <i>L'Encephale</i> , 2019, 45, S69.	0.3	0
221	Editorial: bridging the gap with computational and translational psychopharmacology. <i>Psychopharmacology</i> , 2019, 236, 2291-2294.	1.5	0
222	Thalamic low frequency activity facilitates resting-state cortical interhemispheric MRI functional connectivity. <i>NeuroImage</i> , 2019, 201, 115985.	2.1	17

#	ARTICLE	IF	CITATIONS
223	Precision neuroradiology: mapping the nodes and networks that link genes to behaviour. <i>British Journal of Radiology</i> , 2019, 92, 20190093.	1.0	3
224	Frequency-specific effects of low-intensity rTMS can persist for up to 2 weeks post-stimulation: A longitudinal rs-fMRI/MRS study in rats. <i>Brain Stimulation</i> , 2019, 12, 1526-1536.	0.7	24
225	Enhancing the Utility of Preclinical Research in Neuropsychiatry Drug Development. <i>Methods in Molecular Biology</i> , 2019, 2011, 3-22.	0.4	18
226	A multivariate neuroimaging biomarker of individual outcome to transcranial magnetic stimulation in depression. <i>Human Brain Mapping</i> , 2019, 40, 4618-4629.	1.9	43
227	Cortical-wide functional correlations are associated with stress-induced cardiac dysfunctions in individual rats. <i>Scientific Reports</i> , 2019, 9, 10581.	1.6	7
228	A difference degree test for comparing brain networks. <i>Human Brain Mapping</i> , 2019, 40, 4518-4536.	1.9	16
229	Somatosensory-Motor Dysconnectivity Spans Multiple Transdiagnostic Dimensions of Psychopathology. <i>Biological Psychiatry</i> , 2019, 86, 779-791.	0.7	162
230	Differences between ketamine's short-term and long-term effects on brain circuitry in depression. <i>Translational Psychiatry</i> , 2019, 9, 172.	2.4	23
231	Transcranial electrical and magnetic stimulation (tES and TMS) for addiction medicine: A consensus paper on the present state of the science and the road ahead. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 104, 118-140.	2.9	198
232	A Reckoning and Research Agenda for Neuroimaging in Psychiatry. <i>American Journal of Psychiatry</i> , 2019, 176, 507-511.	4.0	82
233	Social defeat stress causes selective attenuation of neuronal activity in the ventromedial prefrontal cortex. <i>Scientific Reports</i> , 2019, 9, 9447.	1.6	30
235	Linking antidepressant performance with pain network connectivity. <i>Lancet Psychiatry</i> , 2019, 6, 635-636.	3.7	4
236	The influence of personality on the effect of iTBS after being stressed on cortisol secretion. <i>PLoS ONE</i> , 2019, 14, e0223927.	1.1	13
237	Pharmacological and non-pharmacological treatments for major depressive disorder in adults: A systematic review and network meta-analysis. <i>Psychiatry Research</i> , 2019, 281, 112595.	1.7	26
238	Connectomics-Based Functional Network Alterations in both Depressed Patients with Suicidal Behavior and Healthy Relatives of Suicide Victims. <i>Scientific Reports</i> , 2019, 9, 14330.	1.6	21
239	Dynamic Functional Connectivity: A New Perspective on 22q11.2 Deletion Syndrome and Psychosis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 852-853.	1.1	0
240	Anhedonia across borders: Transdiagnostic relevance of reward dysfunction for noninvasive brain stimulation endophenotypes. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 1229-1236.	1.9	36
241	Artificial Intelligence for Mental Health and Mental Illnesses: an Overview. <i>Current Psychiatry Reports</i> , 2019, 21, 116.	2.1	302

#	ARTICLE	IF	CITATIONS
243	Predicting rehospitalization within 2 years of initial patient admission for a major depressive episode: a multimodal machine learning approach. <i>Translational Psychiatry</i> , 2019, 9, 285.	2.4	28
244	Cingulate-mediated depressive symptoms in neurologic disease and therapeutics. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2019, 166, 371-379.	1.0	9
245	Meta-analysis of reward processing in major depressive disorder reveals distinct abnormalities within the reward circuit. <i>Translational Psychiatry</i> , 2019, 9, 293.	2.4	124
246	Whither TMS: A One-Trick Pony or the Beginning of a Neuroscientific Revolution?. <i>American Journal of Psychiatry</i> , 2019, 176, 904-910.	4.0	34
247	Deep Brain Stimulation in Depression: Even if Successful, Will It Ever Be Scalable?. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 106, 709-711.	2.3	1
248	Chronic Stress Induces Activity, Synaptic, and Transcriptional Remodeling of the Lateral Habenula Associated with Deficits in Motivated Behaviors. <i>Neuron</i> , 2019, 104, 899-915.e8.	3.8	103
249	A New Type Boundary Observer of Linear Hyperbolic Equations. , 2019, , .		0
250	Recent advances in the use of imaging in psychiatry: functional magnetic resonance imaging of large-scale brain networks in late-life depression. <i>F1000Research</i> , 2019, 8, 1366.	0.8	14
251	Hierarchical control systems for the regulation of physiological homeostasis and affect: Can their interactions modulate mood and anhedonia?. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 105, 251-261.	2.9	17
252	Partitioning subjects based on high-dimensional fMRI data: comparison of several clustering methods and studying the influence of ICA data reduction in big data. <i>Behaviormetrika</i> , 2019, 46, 271-311.	0.9	11
253	The road ahead in clinical network neuroscience. <i>Network Neuroscience</i> , 2019, 3, 969-993.	1.4	37
254	Addressing heterogeneity (and homogeneity) in treatment mechanisms in depression and the potential to develop diagnostic and predictive biomarkers. <i>NeuroImage: Clinical</i> , 2019, 24, 101997.	1.4	16
255	Effects of High Frequency Repetitive Transcranial Magnetic Stimulation (HF-rTMS) on Delay Discounting in Major Depressive Disorder: An Open-Label Uncontrolled Pilot Study. <i>Brain Sciences</i> , 2019, 9, 230.	1.1	8
256	The future of rodent models in depression research. <i>Nature Reviews Neuroscience</i> , 2019, 20, 686-701.	4.9	178
257	Intersubject MVPD: Empirical comparison of fMRI denoising methods for connectivity analysis. <i>PLoS ONE</i> , 2019, 14, e0222914.	1.1	9
258	Identification of neurobehavioural symptom groups based on shared brain mechanisms. <i>Nature Human Behaviour</i> , 2019, 3, 1306-1318.	6.2	37
259	The psychedelic renaissance: the next trip for psychiatry?. <i>Irish Journal of Psychological Medicine</i> , 2022, 39, 335-339.	0.7	11
260	Brain regulation of emotional conflict predicts antidepressant treatment response for depression. <i>Nature Human Behaviour</i> , 2019, 3, 1319-1331.	6.2	29

#	ARTICLE	IF	CITATIONS
261	TMS in Child and Adolescent Major Depression. , 2019, , 147-188.		1
262	Transcranial Magnetic Stimulation in Tourette Syndrome and Obsessiveâ€“Compulsive Disorder. , 2019, , 189-215.		2
263	The Quest for Functional Biomarkers in the Prefrontal Cortex Using Functional Near-Infrared Spectroscopy (fNIRS). , 2019, , 123-136.		4
264	Orbitofrontal Cortex: A â€“Non-rewardingâ€™ New Treatment Target in Depression?. Current Biology, 2019, 29, R59-R62.	1.8	23
265	Serotonin-induced hyperactivity in SSRI-resistant major depressive disorder patient-derived neurons. Molecular Psychiatry, 2019, 24, 795-807.	4.1	64
266	Cerebellar-Prefrontal Network Connectivity and Negative Symptoms in Schizophrenia. American Journal of Psychiatry, 2019, 176, 512-520.	4.0	245
267	Classification of schizophrenia by intersubject correlation in functional connectome. Human Brain Mapping, 2019, 40, 2347-2357.	1.9	17
268	Physical characteristics not psychological state or trait characteristics predict motion during resting state fMRI. Scientific Reports, 2019, 9, 419.	1.6	30
269	Sex differences in depression: Insights from clinical and preclinical studies. Progress in Neurobiology, 2019, 176, 86-102.	2.8	228
270	A cross-disorder connectome landscape of brain dysconnectivity. Nature Reviews Neuroscience, 2019, 20, 435-446.	4.9	298
271	Resting brain dynamics at different timescales capture distinct aspects of human behavior. Nature Communications, 2019, 10, 2317.	5.8	208
272	Reliability of Magnetoencephalography and High-Density Electroencephalography Resting-State Functional Connectivity Metrics. Brain Connectivity, 2019, 9, 539-553.	0.8	36
273	An Update on Repetitive Transcranial Magnetic Stimulation for the Treatment of Major Depressive Disorder. Clinical Pharmacology and Therapeutics, 2019, 106, 747-762.	2.3	20
274	Frequency-Dependent Spatial Distribution of Functional Hubs in the Human Brain and Alterations in Major Depressive Disorder. Frontiers in Human Neuroscience, 2019, 13, 146.	1.0	14
275	Connectome-Based Biomarkers Predict Subclinical Depression and Identify Abnormal Brain Connections With the Lateral Habenula and Thalamus. Frontiers in Psychiatry, 2019, 10, 371.	1.3	43
276	Embarking on antidepressant response prediction using brain perfusion estimation. EClinicalMedicine, 2019, 10, 4-5.	3.2	1
277	Progress in psychoradiology, the clinical application of psychiatric neuroimaging. British Journal of Radiology, 2019, 92, 20181000.	1.0	45
278	The Heterogeneity Problem: Approaches to Identify Psychiatric Subtypes. Trends in Cognitive Sciences, 2019, 23, 584-601.	4.0	229

#	ARTICLE	IF	CITATIONS
279	Electroconvulsive therapy electrode placement for bipolar state-related targeted engagement. <i>International Journal of Bipolar Disorders</i> , 2019, 7, 11.	0.8	5
280	Functional and Optogenetic Approaches to Discovering Stable Subtype-Specific Circuit Mechanisms in Depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 554-566.	1.1	23
282	Machine learning in resting-state fMRI analysis. <i>Magnetic Resonance Imaging</i> , 2019, 64, 101-121.	1.0	135
283	Depression in the Primary Care Setting. <i>New England Journal of Medicine</i> , 2019, 380, 2278-2280.	13.9	12
284	A multivoxel pattern analysis framework with mutual connectivity analysis investigating changes in resting state connectivity in patients with HIV associated neurocognitive disorder. <i>Magnetic Resonance Imaging</i> , 2019, 62, 121-128.	1.0	4
285	White Matter Abnormalities in Major Depression Biotypes Identified by Diffusion Tensor Imaging. <i>Neuroscience Bulletin</i> , 2019, 35, 867-876.	1.5	25
286	Thalamocortical Hyperconnectivity and Amygdala-Cortical Hypoconnectivity in Male Patients With Autism Spectrum Disorder. <i>Frontiers in Psychiatry</i> , 2019, 10, 252.	1.3	41
287	Depressive disorders: Treatment failures and poor prognosis over the last 50 years. <i>Pharmacology Research and Perspectives</i> , 2019, 7, e00472.	1.1	76
288	Antidepressant effects of tDCS are associated with prefrontal gray matter volumes at baseline: Evidence from the ELECT-TDCS trial. <i>Brain Stimulation</i> , 2019, 12, 1197-1204.	0.7	33
289	MNE: Software for Acquiring, Processing, and Visualizing MEG/EEG Data. , 2019, , 1-17.		0
290	<p><p>Deep brain stimulation in the treatment of obsessive-compulsive disorder: current perspectives</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 1259-1272.	1.0	21
291	Predicting anxiety from wholebrain activity patterns to emotional faces in young adults: a machine learning approach. <i>NeuroImage: Clinical</i> , 2019, 23, 101813.	1.4	26
292	Translational Potential of Neuroimaging Genomic Analyses to Diagnosis and Treatment in Mental Disorders. <i>Proceedings of the IEEE</i> , 2019, 107, 912-927.	16.4	4
293	Inflammation and decreased functional connectivity in a widely-distributed network in depression: Centralized effects in the ventral medial prefrontal cortex. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 657-666.	2.0	71
294	Biomarker Identification, Safety, and Efficacy of High-Dose Antioxidants for Adrenomyeloneuropathy: a Phase II Pilot Study. <i>Neurotherapeutics</i> , 2019, 16, 1167-1182.	2.1	31
295	The critical importance of basic animal research for neuropsychiatric disorders. <i>Neuropsychopharmacology</i> , 2019, 44, 1349-1353.	2.8	106
296	Automatic classification of major depression disorder using arterial spin labeling MRI perfusion measurements. <i>Psychiatry and Clinical Neurosciences</i> , 2019, 73, 486-493.	1.0	19
297	The impact of white matter hyperintensities on the structural connectome in late-life depression: Relationship to executive functions. <i>NeuroImage: Clinical</i> , 2019, 23, 101852.	1.4	44

#	ARTICLE	IF	CITATIONS
299	Role of inflammation in depression relapse. <i>Journal of Neuroinflammation</i> , 2019, 16, 90.	3.1	102
300	Harmonization of resting-state functional MRI data across multiple imaging sites via the separation of site differences into sampling bias and measurement bias. <i>PLoS Biology</i> , 2019, 17, e3000042.	2.6	127
301	Learning: Complexities of Habituation in Escaping Zebrafish Larvae. <i>Current Biology</i> , 2019, 29, R292-R294.	1.8	1
302	Whale Evolution: Dispersal by Paddle or Fluke. <i>Current Biology</i> , 2019, 29, R294-R296.	1.8	4
303	Functional disconnectivity of the hippocampal network and neural correlates of memory impairment in treatment-resistant depression. <i>Journal of Affective Disorders</i> , 2019, 253, 248-256.	2.0	33
304	Motor cortical neuromodulation of pelvic floor muscle tone: Potential implications for the treatment of urologic conditions. <i>Neurourology and Urodynamics</i> , 2019, 38, 1517-1523.	0.8	14
305	Machine learning and big data in psychiatry: toward clinical applications. <i>Current Opinion in Neurobiology</i> , 2019, 55, 152-159.	2.0	142
306	Neuroimaging in the Perioperative Neurocognitive Disorders. , 2019, , 152-166.		0
307	Fusing Mobile Phone Sensing and Brain Imaging to Assess Depression in College Students. <i>Frontiers in Neuroscience</i> , 2019, 13, 248.	1.4	35
308	Physiological significance of R-fMRI indices: Can functional metrics differentiate structural lesions (brain tumors)?. <i>NeuroImage: Clinical</i> , 2019, 22, 101741.	1.4	4
309	Baseline effective connectivity predicts response to repetitive transcranial magnetic stimulation in patients with treatment-resistant depression. <i>European Neuropsychopharmacology</i> , 2019, 29, 681-690.	0.3	46
310	Intrinsic gray-matter connectivity of the brain in major depressive disorder. <i>Journal of Affective Disorders</i> , 2019, 251, 78-85.	2.0	17
311	Localized MRS reliability of in vivo glutamate at 3ÅT in shortened scan times: A feasibility study â€œ Efforts to improve rigor and reproducibility. <i>NMR in Biomedicine</i> , 2019, 32, e4093.	1.6	2
312	Capturing spontaneous activity in the medial prefrontal cortex using near-infrared spectroscopy and its application to schizophrenia. <i>Scientific Reports</i> , 2019, 9, 5283.	1.6	9
313	Predicting major mental illness: ethical and practical considerations. <i>BJPsych Open</i> , 2019, 5, e30.	0.3	24
314	An Electrophysiological Biomarker That May Predict Treatment Response to ECT. <i>Journal of ECT</i> , 2019, 35, 95-102.	0.3	10
315	Psychological and Brain Connectivity Changes Following Trauma-Focused CBT and EMDR Treatment in Single-Episode PTSD Patients. <i>Frontiers in Psychology</i> , 2019, 10, 129.	1.1	24
316	The Role of the Amygdala and the Ventromedial Prefrontal Cortex in Emotional Regulation: Implications for Post-traumatic Stress Disorder. <i>Neuropsychology Review</i> , 2019, 29, 220-243.	2.5	66

#	ARTICLE	IF	CITATIONS
317	Overcoming Resistance to Selective Serotonin Reuptake Inhibitors: Targeting Serotonin, Serotonin-1A Receptors and Adult Neuroplasticity. <i>Frontiers in Neuroscience</i> , 2019, 13, 404.	1.4	29
318	The molecular and cellular mechanisms of depression: a focus on reward circuitry. <i>Molecular Psychiatry</i> , 2019, 24, 1798-1815.	4.1	125
319	Converting tests of fundamental social, cognitive, and affective processes into clinically useful bio-behavioral markers for neurodevelopmental conditions. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2019, 10, e1499.	1.4	11
320	Use of machine learning in predicting clinical response to transcranial magnetic stimulation in comorbid posttraumatic stress disorder and major depression: A resting state electroencephalography study. <i>Journal of Affective Disorders</i> , 2019, 252, 47-54.	2.0	51
321	Abnormal coupling among spontaneous brain activity metrics and cognitive deficits in major depressive disorder. <i>Journal of Affective Disorders</i> , 2019, 252, 74-83.	2.0	23
322	Reduced default mode network functional connectivity in patients with recurrent major depressive disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9078-9083.	3.3	441
323	Brain networks and their relevance for stroke rehabilitation. <i>Clinical Neurophysiology</i> , 2019, 130, 1098-1124.	0.7	129
324	Cognitive Control as a 5-HT1A-Based Domain That Is Disrupted in Major Depressive Disorder. <i>Frontiers in Psychology</i> , 2019, 10, 691.	1.1	15
325	Functional Connectivity Between Extrastriate Body Area and Default Mode Network Predicts Depersonalization Symptoms in Major Depression: Findings From an A Priori Specified Multinetwork Comparison. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 627-635.	1.1	7
326	Evaluating the evidence for biotypes of depression: Methodological replication and extension of. <i>NeuroImage: Clinical</i> , 2019, 22, 101796.	1.4	232
327	Prognosis and improved outcomes in major depression: a review. <i>Translational Psychiatry</i> , 2019, 9, 127.	2.4	262
328	Animal models of major depressive disorder and the implications for drug discovery and development. <i>Expert Opinion on Drug Discovery</i> , 2019, 14, 365-378.	2.5	14
329	Reproducibility of functional brain alterations in major depressive disorder: Evidence from a multisite resting-state functional MRI study with 1,434 individuals. <i>NeuroImage</i> , 2019, 189, 700-714.	2.1	72
330	Depression in the Primary Care Setting. <i>New England Journal of Medicine</i> , 2019, 380, 559-568.	13.9	206
331	A connectome-based mechanistic model of focal cortical dysplasia. <i>Brain</i> , 2019, 142, 688-699.	3.7	38
332	The roles of supervised machine learning in systems neuroscience. <i>Progress in Neurobiology</i> , 2019, 175, 126-137.	2.8	88
333	Age-Normative Pathways of Striatal Connectivity Related to Clinical Symptoms in the General Population. <i>Biological Psychiatry</i> , 2019, 85, 966-976.	0.7	26
334	Role of basal ganglia neurocircuitry in the pathology of psychiatric disorders. <i>Psychiatry and Clinical Neurosciences</i> , 2019, 73, 289-301.	1.0	71

#	ARTICLE	IF	CITATIONS
335	Stratification of Breast Cancer by Integrating Gene Expression Data and Clinical Variables. <i>Molecules</i> , 2019, 24, 631.	1.7	16
336	Trajectories of Response to Dorsolateral Prefrontal rTMS in Major Depression: A THREE-D Study. <i>American Journal of Psychiatry</i> , 2019, 176, 367-375.	4.0	93
337	The Challenges and Opportunities of Small Effects. <i>JAMA Psychiatry</i> , 2019, 76, 353.	6.0	83
339	Data-driven biological subtypes of depression: systematic review of biological approaches to depression subtyping. <i>Molecular Psychiatry</i> , 2019, 24, 888-900.	4.1	139
340	A Critical Review and Synthesis of Clinical and Neurocognitive Effects of Noninvasive Neuromodulation Antidepressant Therapies. <i>Focus (American Psychiatric Publishing)</i> , 2019, 17, 18-29.	0.4	15
341	The Classification of Depression: Embracing Phenotypic Heterogeneity in the Era of the RDoC. , 2019, , 1-8.		0
342	Treating Depression in the Era of Precision Medicine: Challenges and Perspectives. , 2019, , 265-275.		3
343	Novel Neuromodulatory Approaches for Depression: Neurobiological Mechanisms. , 2019, , 347-360.		3
344	Increased ventromedial prefrontal cortex activity and connectivity predict poor sertraline treatment outcome in late-life depression. <i>International Journal of Geriatric Psychiatry</i> , 2019, 34, 730-737.	1.3	17
345	A double-blind pilot dosing study of low field magnetic stimulation (LFMS) for treatment-resistant depression (TRD). <i>Journal of Affective Disorders</i> , 2019, 249, 286-293.	2.0	12
346	Personalized Psychiatry. , 2019, , .		16
347	Emerging Shifts in Neuroimaging Data Analysis in the Era of "Big Data", 2019, , 99-118.		2
348	Phenomapping: Methods and Measures for Deconstructing Diagnosis in Psychiatry. , 2019, , 119-134.		28
349	Individual differences of maladaptive brain changes in migraine and their relationship with differential effectiveness of treatments. <i>Brain Science Advances</i> , 2019, 5, 239-255.	0.3	7
350	Non-invasive brain stimulation therapies. , 2019, 98, 279-289.	0.0	1
351	End points for sickle cell disease clinical trials: patient-reported outcomes, pain, and the brain. <i>Blood Advances</i> , 2019, 3, 3982-4001.	2.5	51
352	13 Deep Brain Stimulation in Major Depression. , 2019, , .		0
353	Identification of clinical features and biomarkers that may inform a personalized approach to rTMS for depression. <i>Personalized Medicine in Psychiatry</i> , 2019, 17-18, 4-16.	0.1	13

#	ARTICLE	IF	CITATIONS
354	Treatment-Resistant Depression and Ketamine Response in a Patient With Bilateral Amygdala Damage. <i>American Journal of Psychiatry</i> , 2019, 176, 982-986.	4.0	5
355	Borderline Personality Features in Inpatients with Bipolar Disorder: Impact on Course and Machine Learning Model Use to Predict Rapid Readmission. <i>Journal of Psychiatric Practice</i> , 2019, 25, 279-289.	0.3	11
356	Resting-state functional connectivity alterations in periventricular nodular heterotopia related epilepsy. <i>Scientific Reports</i> , 2019, 9, 18473.	1.6	5
357	Childhood Adversity and Neural Development: A Systematic Review. <i>Annual Review of Developmental Psychology</i> , 2019, 1, 277-312.	1.4	361
358	Neuroimaging-based biomarkers for pain: state of the field and current directions. <i>Pain Reports</i> , 2019, 4, e751.	1.4	81
359	Neuroimaging-based pain biomarkers: definitions, clinical and research applications, and evaluation frameworks to achieve personalized pain medicine. <i>Pain Reports</i> , 2019, 4, e762.	1.4	48
360	Repetitive transcranial magnetic stimulation treatment for depressive disorders. <i>Current Opinion in Psychiatry</i> , 2019, 32, 409-415.	3.1	72
361	Cerebral cortical thickness after treatment with desvenlafaxine succinate in major depressive disorder. <i>NeuroReport</i> , 2019, 30, 378-382.	0.6	3
362	Neuroimaging Biomarkers at Baseline Predict Electroconvulsive Therapy Overall Clinical Response in Depression. <i>Journal of ECT</i> , 2019, 35, 77-83.	0.3	19
363	Circuit Mechanisms of Reward, Anhedonia, and Depression. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 105-118.	1.0	135
364	Imaging in CDH. , 2019, , 157-168.		0
365	Making Sense of Connectivity. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 194-207.	1.0	22
366	Small Extracellular Vesicles in Rat Serum Contain Astrocyte-Derived Protein Biomarkers of Repetitive Stress. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 232-246.	1.0	60
367	Separable and Replicable Neural Strategies During Social Brain Function in People With and Without Severe Mental Illness. <i>American Journal of Psychiatry</i> , 2019, 176, 521-530.	4.0	30
368	Animal models of depression: pros and cons. <i>Cell and Tissue Research</i> , 2019, 377, 5-20.	1.5	61
369	Dynamic community structure in major depressive disorder: A resting-state MEG study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 92, 39-47.	2.5	19
370	Altered resting-state dynamics in autism spectrum disorder: Causal to the social impairment?. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 90, 28-36.	2.5	16
371	A Comprehensive Review of Dorsomedial Prefrontal Cortex rTMS Utilizing a Double Cone Coil. <i>Neuromodulation</i> , 2019, 22, 851-866.	0.4	28

#	ARTICLE	IF	CITATIONS
372	Functional Connectivity of the Anterior Cingulate Cortex in Depression and in Health. <i>Cerebral Cortex</i> , 2019, 29, 3617-3630.	1.6	79
373	Functional connectivity predictors of acute depression treatment outcome. <i>International Psychogeriatrics</i> , 2019, 31, 1831-1835.	0.6	10
374	Deeper learning. <i>Nature Medicine</i> , 2019, 25, 9-11.	15.2	3
375	Harnessing networks and machine learning in neuropsychiatric care. <i>Current Opinion in Neurobiology</i> , 2019, 55, 32-39.	2.0	12
376	Neuromodulatory treatments for post-traumatic stress disorder (PTSD). <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 92, 148-160.	2.5	46
377	Hippocampal functional connectivity-based discrimination between bipolar and major depressive disorders. <i>Psychiatry Research - Neuroimaging</i> , 2019, 284, 53-60.	0.9	49
378	Thought Control Ability Moderates the Effect of Mind Wandering on Positive Affect via the Frontoparietal Control Network. <i>Frontiers in Psychology</i> , 2018, 9, 2791.	1.1	10
379	Noninvasive brain stimulation in psychiatric disorders: a primer. <i>Revista Brasileira De Psiquiatria</i> , 2019, 41, 70-81.	0.9	112
380	Principal component analysis and brain-based predictors of emotion regulation in anxiety and depression. <i>Psychological Medicine</i> , 2019, 49, 2320-2329.	2.7	5
381	Precision Inhibitory Stimulation of Individual-Specific Cortical Hubs Disrupts Information Processing in Humans. <i>Cerebral Cortex</i> , 2019, 29, 3912-3921.	1.6	35
382	From Stress to Anhedonia: Molecular Processes through Functional Circuits. <i>Trends in Neurosciences</i> , 2019, 42, 23-42.	4.2	72
383	Precision psychiatry—What it means for eating disorders?. <i>European Eating Disorders Review</i> , 2019, 27, 3-7.	2.3	26
384	Altered Connectivity Between Cerebellum, Visual, and Sensory-Motor Networks in Autism Spectrum Disorder: Results from the EU-AIMS Longitudinal European Autism Project. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 260-270.	1.1	82
385	Efficacy of Invasive and Non-Invasive Brain Modulation Interventions for Addiction. <i>Neuropsychology Review</i> , 2019, 29, 116-138.	2.5	81
386	Addiction: Informing drug abuse interventions with brain networks. , 2019, , 101-122.		6
387	Resting amygdala connectivity and basal sympathetic tone as markers of chronic hypervigilance. <i>Psychoneuroendocrinology</i> , 2019, 102, 68-78.	1.3	14
388	Novel Neurostimulation Therapeutic Approaches for Treatment-Resistant Psychiatric Disorders. , 2019, , 325-347.		2
389	The uniqueness of the individual functional connectome. , 2019, , 63-81.		2

#	ARTICLE	IF	CITATIONS
390	Reward-related regions form a preferentially coupled system at rest. <i>Human Brain Mapping</i> , 2019, 40, 361-376.	1.9	23
391	From serendipity to clinical relevance: How clinical psychology and neuroscience converged to illuminate psychoneuroendocrinology. <i>Psychoneuroendocrinology</i> , 2019, 105, 36-43.	1.3	6
392	Focal application of accelerated iTBS results in global changes in graph measures. <i>Human Brain Mapping</i> , 2019, 40, 432-450.	1.9	8
393	Genetic variation of the mineralocorticoid receptor gene (MR, NR3C2) is associated with a conceptual endophenotype of "CRF-hypoactivity". <i>Psychoneuroendocrinology</i> , 2019, 105, 79-85.	1.3	12
394	Electroencephalographic Biomarkers for Treatment Response Prediction in Major Depressive Illness: A Meta-Analysis. <i>American Journal of Psychiatry</i> , 2019, 176, 44-56.	4.0	122
395	The orbitofrontal cortex and emotion in health and disease, including depression. <i>Neuropsychologia</i> , 2019, 128, 14-43.	0.7	206
396	Regional GABA Concentrations Modulate Inter-network Resting-state Functional Connectivity. <i>Cerebral Cortex</i> , 2019, 29, 1607-1618.	1.6	33
397	The Role of Depressive Subtypes within the Neuroinflammation Hypothesis of Major Depressive Disorder. <i>Neuroscience</i> , 2019, 403, 93-110.	1.1	110
398	Ketamine has distinct electrophysiological and behavioral effects in depressed and healthy subjects. <i>Molecular Psychiatry</i> , 2019, 24, 1040-1052.	4.1	187
399	Shared and Distinct Functional Architectures of Brain Networks Across Psychiatric Disorders. <i>Schizophrenia Bulletin</i> , 2019, 45, 450-463.	2.3	73
400	Delta Rhythm Orchestrates the Neural Activity Underlying the Resting State BOLD Signal via Phase-amplitude Coupling. <i>Cerebral Cortex</i> , 2019, 29, 119-133.	1.6	28
401	Multiple Dissociations Between Comorbid Depression and Anxiety on Reward and Punishment Processing: Evidence From Computationally Informed EEG. <i>Computational Psychiatry</i> , 2020, 3, 1.	1.1	62
402	Opposite subgenual cingulate cortical functional connectivity and metabolic activity patterns in refractory melancholic major depression. <i>Brain Imaging and Behavior</i> , 2020, 14, 426-435.	1.1	4
403	Reward Network Modulation as a Mechanism of Change in Behavioral Activation. <i>Behavior Modification</i> , 2020, 44, 186-213.	1.1	49
404	Personalizing neuromodulation. <i>International Journal of Psychophysiology</i> , 2020, 154, 101-110.	0.5	10
405	Toward Robust Anxiety Biomarkers: A Machine Learning Approach in a Large-Scale Sample. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 799-807.	1.1	25
406	Impaired frontostriatal functional connectivity among chronic opioid using pain patients is associated with dysregulated affect. <i>Addiction Biology</i> , 2020, 25, e12743.	1.4	17
407	Early treatment response in psychotherapy for depression and personality disorder: links with core conflictual relationship themes. <i>Psychotherapy Research</i> , 2020, 30, 112-123.	1.1	9

#	ARTICLE	IF	CITATIONS
408	Altered mesocorticolimbic functional connectivity in chronic low back pain patients at rest and following sad mood induction. <i>Brain Imaging and Behavior</i> , 2020, 14, 1118-1129.	1.1	13
409	Towards objective definition of psychopathology in post-traumatic stress disorder. <i>Neuropsychopharmacology</i> , 2020, 45, 226-227.	2.8	2
410	Brainwaves Oscillations as a Potential Biomarker for Major Depression Disorder Risk. <i>Clinical EEG and Neuroscience</i> , 2020, 51, 3-9.	0.9	33
411	Neuroimaging Heterogeneity in Psychosis: Neurobiological Underpinnings and Opportunities for Prognostic and Therapeutic Innovation. <i>Biological Psychiatry</i> , 2020, 88, 95-102.	0.7	42
412	Brain oscillation-synchronized stimulation of the left dorsolateral prefrontal cortex in depression using real-time EEG-triggered TMS. <i>Brain Stimulation</i> , 2020, 13, 197-205.	0.7	80
413	Relationships between depressive symptoms and brain responses during emotional movie viewing emerge in adolescence. <i>NeuroImage</i> , 2020, 216, 116217.	2.1	47
414	Multimodal fusion of structural and functional brain imaging in depression using linked independent component analysis. <i>Human Brain Mapping</i> , 2020, 41, 241-255.	1.9	36
415	Baseline functional connectivity may predict placebo responses to accelerated rTMS treatment in major depression. <i>Human Brain Mapping</i> , 2020, 41, 632-639.	1.9	16
416	Comparison of the Association Between Goal-Directed Planning and Self-reported Compulsivity vs Obsessive-Compulsive Disorder Diagnosis. <i>JAMA Psychiatry</i> , 2020, 77, 77.	6.0	54
417	Multivariate consistency of resting-state fMRI connectivity maps acquired on a single individual over 2.5 years, 13 sites and 3 vendors. <i>NeuroImage</i> , 2020, 205, 116210.	2.1	36
418	The tenacious brain: How the anterior mid-cingulate contributes to achieving goals. <i>Cortex</i> , 2020, 123, 12-29.	1.1	29
419	Using resting-state intrinsic network connectivity to identify suicide risk in mood disorders. <i>Psychological Medicine</i> , 2020, 50, 2324-2334.	2.7	23
420	Exploring cortical predictors of clinical response to electroconvulsive therapy in major depression. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 253-261.	1.8	15
421	Brain Structure and Subclinical Symptoms: A Dimensional Perspective of Psychopathology in the Depression and Anxiety Spectrum. <i>Neuropsychobiology</i> , 2020, 79, 270-283.	0.9	44
422	Common Data Elements for National Institute of Mental Health-funded Translational Early Psychosis Research. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 10-22.	1.1	2
423	Regions and Connections: Complementary Approaches to Characterize Brain Organization and Function. <i>Neuroscientist</i> , 2020, 26, 117-133.	2.6	23
424	Is depression a disorder of electrical brain networks?. <i>Neuropsychopharmacology</i> , 2020, 45, 230-231.	2.8	6
425	Pilot Study of An Intracranial Electroencephalography Biomarker of Depressive Symptoms in Epilepsy. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2020, 32, 185-190.	0.9	10

#	ARTICLE	IF	CITATIONS
426	Instrumental assessment of balance and gait in depression: A systematic review. <i>Psychiatry Research</i> , 2020, 284, 112687.	1.7	33
427	Clinical Strategies and Technical Challenges in Psychoradiology. <i>Neuroimaging Clinics of North America</i> , 2020, 30, 1-13.	0.5	23
428	Brain Connectome Mapping of Complex Human Traits and Their Polygenic Architecture Using Machine Learning. <i>Biological Psychiatry</i> , 2020, 87, 717-726.	0.7	23
429	Neurostructural Heterogeneity in Youths With Internalizing Symptoms. <i>Biological Psychiatry</i> , 2020, 87, 473-482.	0.7	34
430	Defining Individual-Specific Functional Neuroanatomy for Precision Psychiatry. <i>Biological Psychiatry</i> , 2020, 88, 28-39.	0.7	109
431	A Brain Imaging-Based Diagnostic Biomarker for Periodic Catatonia: Preliminary Evidence Using a Bayesian Approach. <i>Neuropsychobiology</i> , 2020, 79, 352-365.	0.9	11
432	Transient and sustained effects of dopamine and serotonin signaling in motivation-related behavior. <i>Psychiatry and Clinical Neurosciences</i> , 2020, 74, 91-98.	1.0	26
433	Contributions from neuroscience to the practice of Cognitive Behaviour Therapy: Translational psychological science in service of good practice. <i>Behaviour Research and Therapy</i> , 2020, 125, 103545.	1.6	14
434	Data-Driven Approaches to Neuroimaging Analysis to Enhance Psychiatric Diagnosis and Therapy. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 780-790.	1.1	17
435	Device-Based Modulation of Neurocircuits as a Therapeutic for Psychiatric Disorders. <i>Annual Review of Pharmacology and Toxicology</i> , 2020, 60, 591-614.	4.2	29
436	A Closer Look at Depression Biotypes: Correspondence Relating to Grosenick et al. (2019). <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 554-555.	1.1	9
437	Reply to: A Closer Look at Depression Biotypes: Correspondence Relating to Grosenick et al. (2019). <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 556.	1.1	4
438	Approaches to Defining Common and Dissociable Neurobiological Deficits Associated With Psychopathology in Youth. <i>Biological Psychiatry</i> , 2020, 88, 51-62.	0.7	30
439	Depressive Symptom Dimensions in Treatment-Resistant Major Depression and Their Modulation With Electroconvulsive Therapy. <i>Journal of ECT</i> , 2020, 36, 123-129.	0.3	12
440	Large-scale dynamic causal modeling of major depressive disorder based on resting-state functional magnetic resonance imaging. <i>Human Brain Mapping</i> , 2020, 41, 865-881.	1.9	52
441	Imaging-Based Subtyping for Psychiatric Syndromes. <i>Neuroimaging Clinics of North America</i> , 2020, 30, 35-44.	0.5	11
442	Topographic diversity of structural connectivity in schizophrenia. <i>Schizophrenia Research</i> , 2020, 215, 181-189.	1.1	3
443	Neuroimaging of Deep Brain Stimulation. <i>Neurologic Clinics</i> , 2020, 38, 201-214.	0.8	2

#	ARTICLE	IF	CITATIONS
444	How functional neuroimaging can be used for prediction and evaluation in psychiatry. , 2020, , 471-481.		0
445	Neuroimaging, genetics, and personalized psychiatry: Developments and opportunities from the ENIGMA consortium. , 2020, , 483-497.		3
446	Deep brain stimulation for major depression: A prototype of a personalized treatment in psychiatry. , 2020, , 83-89.		0
447	Individual-Specific Analysis for Psychoradiology. Neuroimaging Clinics of North America, 2020, 30, 45-51.	0.5	6
448	Questions and controversies in the study of time-varying functional connectivity in resting fMRI. Network Neuroscience, 2020, 4, 30-69.	1.4	364
449	Biotypes of functional brain engagement during emotion processing differentiate heterogeneity in internalizing symptoms and interpersonal violence histories among adolescent girls. Journal of Psychiatric Research, 2020, 121, 197-206.	1.5	15
450	Individual Patterns of Abnormality in Resting-State Functional Connectivity Reveal Two Data-Driven PTSD Subgroups. American Journal of Psychiatry, 2020, 177, 244-253.	4.0	31
451	Integrative and Network-Specific Connectivity of the Basal Ganglia and Thalamus Defined in Individuals. Neuron, 2020, 105, 742-758.e6.	3.8	148
452	Opioid receptor modulation of neural circuits in depression: What can be learned from preclinical data?. Neuroscience and Biobehavioral Reviews, 2020, 108, 658-678.	2.9	25
453	Network analysis of neuropsychiatry disorders. , 2020, , 397-408.		1
454	Machine Learning With Neuroimaging: Evaluating Its Applications in Psychiatry. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 791-798.	1.1	58
455	Widespread Morphometric Abnormalities in Major Depression. Neuroimaging Clinics of North America, 2020, 30, 85-95.	0.5	4
456	Resting-State Functional Connectivity: Signal Origins and Analytic Methods. Neuroimaging Clinics of North America, 2020, 30, 15-23.	0.5	32
457	Preliminary prediction of individual response to electroconvulsive therapy using whole-brain functional magnetic resonance imaging data. NeuroImage: Clinical, 2020, 26, 102080.	1.4	26
458	Maximizing dissimilarity in resting state detects heterogeneous subtypes in healthy population associated with high substance use and problems in antisocial personality. Human Brain Mapping, 2020, 41, 1261-1273.	1.9	10
459	Model-based whole-brain effective connectivity to study distributed cognition in health and disease. Network Neuroscience, 2020, 4, 338-373.	1.4	40
460	Relationship between interhemispheric inhibition and bimanual coordination: absence of instrument specificity on motor performance in professional musicians. Experimental Brain Research, 2020, 238, 2921-2930.	0.7	3
461	Theta and gamma connectivity is linked with affective and cognitive symptoms in Parkinson's disease. Journal of Affective Disorders, 2020, 277, 875-884.	2.0	11

#	ARTICLE	IF	CITATIONS
462	The Structural and Functional Neuroanatomy of Post-Stroke Depression and Executive Dysfunction: A Review of Neuroimaging Findings and Implications for Treatment. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2022, 35, 3-11.	1.2	16
463	Circuit-Based Biomarkers for Mood and Anxiety Disorders. <i>Trends in Neurosciences</i> , 2020, 43, 902-915.	4.2	33
464	Converging Resting State Networks Unravels Potential Remote Effects of Transcranial Magnetic Stimulation for Major Depression. <i>Frontiers in Psychiatry</i> , 2020, 11, 836.	1.3	12
465	Unsupervised machine learning reveals lesional variability in focal cortical dysplasia at mesoscopic scale. <i>NeuroImage: Clinical</i> , 2020, 28, 102438.	1.4	11
466	Damage to the structural connectome reflected in resting-state fMRI functional connectivity. <i>Network Neuroscience</i> , 2020, 4, 1197-1218.	1.4	14
467	Sensitivity of functional connectivity to periaqueductal gray localization, with implications for identifying disease-related changes in chronic visceral pain: A MAPP Research Network neuroimaging study. <i>NeuroImage: Clinical</i> , 2020, 28, 102443.	1.4	5
468	Precision biomarkers for mood disorders based on brain imaging. <i>BMJ, The</i> , 2020, 371, m3618.	3.0	4
469	Multivariate neuroanatomical correlates of behavioral and psychological symptoms in dementia and the moderating role of education. <i>NeuroImage: Clinical</i> , 2020, 28, 102452.	1.4	11
470	Identifying and validating subtypes within major psychiatric disorders based on frontalâ€“posterior functional imbalance via deep learning. <i>Molecular Psychiatry</i> , 2021, 26, 2991-3002.	4.1	40
471	Connectivity guided theta burst transcranial magnetic stimulation versus repetitive transcranial magnetic stimulation for treatment-resistant moderate to severe depression: study protocol for a randomised double-blind controlled trial (BRIGHTMIND). <i>BMJ Open</i> , 2020, 10, e038430.	0.8	7
472	Predictors of remission after repetitive transcranial magnetic stimulation for the treatment of major depressive disorder: An analysis from the randomised non-inferiority THREE-D trial. <i>EClinicalMedicine</i> , 2020, 22, 100349.	3.2	41
473	Aberrant functional connectivity and graph properties in bipolar II disorder with suicide attempts. <i>Journal of Affective Disorders</i> , 2020, 275, 202-209.	2.0	16
474	Depression and Anxiety in the Epilepsies: from Bench to Bedside. <i>Current Neurology and Neuroscience Reports</i> , 2020, 20, 41.	2.0	22
475	Cerebellar-cerebral dynamic functional connectivity alterations in major depressive disorder. <i>Journal of Affective Disorders</i> , 2020, 275, 319-328.	2.0	39
476	Impact of networkâ€“targeted multichannel transcranial direct current stimulation on intrinsic and networkâ€“network functional connectivity. <i>Journal of Neuroscience Research</i> , 2020, 98, 1843-1856.	1.3	18
477	Strategic white matter injury associated with longâ€“term information processing speed deficits in mild traumatic brain injury. <i>Human Brain Mapping</i> , 2020, 41, 4431-4441.	1.9	29
480	Subgenual cingulate connectivity and hippocampal activation are related to MST therapeutic and adverse effects. <i>Translational Psychiatry</i> , 2020, 10, 392.	2.4	11
481	SSRI Treatment Response Prediction in Depression Based on Brain Activation by Emotional Stimuli. <i>Frontiers in Psychiatry</i> , 2020, 11, 538393.	1.3	10

#	ARTICLE	IF	CITATIONS
482	Recovering from depression with repetitive transcranial magnetic stimulation (rTMS): a systematic review and meta-analysis of preclinical studies. <i>Translational Psychiatry</i> , 2020, 10, 393.	2.4	61
483	The peripartum human brain: Current understanding and future perspectives. <i>Frontiers in Neuroendocrinology</i> , 2020, 59, 100859.	2.5	19
484	Defining and predicting transdiagnostic categories of neurodegenerative disease. <i>Nature Biomedical Engineering</i> , 2020, 4, 787-800.	11.6	22
485	Latent Clinical-Anatomical Dimensions of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020, 46, 1426-1438.	2.3	24
486	Long-lasting connectivity changes induced by intensive first-person shooter gaming. <i>Brain Imaging and Behavior</i> , 2021, 15, 1518-1532.	1.1	9
487	Rapid Effects of Selection on Brain-wide Activity and Behavior. <i>Current Biology</i> , 2020, 30, 3647-3656.e3.	1.8	28
488	Saliency network functional connectivity is spatially heterogeneous across sensorimotor cortex in healthy humans. <i>NeuroImage</i> , 2020, 221, 117177.	2.1	17
489	Malleability of rumination: An exploratory model of CBT-based plasticity and long-term reduced risk for depressive relapse among youth from a pilot randomized clinical trial. <i>PLoS ONE</i> , 2020, 15, e0233539.	1.1	10
490	MRI Insights Into Adolescent Neurocircuitryâ€”A Vision for the Future. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 237.	1.0	1
491	Predicting Treatment Outcome in Major Depressive Disorder Using Serotonin 4 Receptor PET Brain Imaging, Functional MRI, Cognitive-, EEG-Based, and Peripheral Biomarkers: A NeuroPharm Open Label Clinical Trial Protocol. <i>Frontiers in Psychiatry</i> , 2020, 11, 641.	1.3	30
492	Intermittent theta burst stimulation over the dorsomedial prefrontal cortex modulates resting-state connectivity in depressive patients: A sham-controlled study. <i>Behavioural Brain Research</i> , 2020, 394, 112834.	1.2	17
493	What Do We Know about Transcranial Direct Current Stimulation for Major Depression?. <i>Brain Sciences</i> , 2020, 10, 480.	1.1	5
495	Deep transcranial magnetic stimulation for obsessive compulsive disorder. <i>Expert Review of Neurotherapeutics</i> , 2020, 20, 1029-1036.	1.4	6
496	The State of Our Understanding of the Pathophysiology and Optimal Treatment of Depression: Glass Half Full or Half Empty?. <i>American Journal of Psychiatry</i> , 2020, 177, 671-685.	4.0	84
497	Distinguishing patterns of impairment on inhibitory control and general cognitive ability among bipolar with and without psychosis, schizophrenia, and schizoaffective disorder. <i>Schizophrenia Research</i> , 2020, 223, 148-157.	1.1	16
498	Transcranial magnetic stimulation and addiction: Toward uncovering known unknowns. <i>EBioMedicine</i> , 2020, 57, 102839.	2.7	5
499	Rebooting Late-Life Mental Health Innovation and Entrepreneurship With Convergence Science. <i>American Journal of Geriatric Psychiatry</i> , 2020, 28, 591-596.	0.6	9
500	Longitudinal changes of amplitude of low-frequency fluctuations in MDD patients: A 6-month follow-up resting-state functional magnetic resonance imaging study. <i>Journal of Affective Disorders</i> , 2020, 276, 411-417.	2.0	15

#	ARTICLE	IF	CITATIONS
501	Clustering patients by depression symptoms to predict venlafaxine ER antidepressant efficacy: Individual patient data analysis. <i>Journal of Psychiatric Research</i> , 2020, 129, 160-167.	1.5	7
502	Multilayer MEG functional connectivity as a potential marker for suicidal thoughts in major depressive disorder. <i>NeuroImage: Clinical</i> , 2020, 28, 102378.	1.4	15
503	Predicting Antidepressant Citalopram Treatment Response via Changes in Brain Functional Connectivity After Acute Intravenous Challenge. <i>Frontiers in Computational Neuroscience</i> , 2020, 14, 554186.	1.2	11
504	Defining data-driven subgroups of obsessive-compulsive disorder with different treatment responses based on resting-state functional connectivity. <i>Translational Psychiatry</i> , 2020, 10, 359.	2.4	14
505	Resting-State Functional Connectivity Associated With Being a "Morning-Type" Dementia Caregiver and Having Lower Depression Symptom Severity. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2020, 76, 1071-1076.	2.4	5
506	Subphenotyping depression using machine learning and electronic health records. <i>Learning Health Systems</i> , 2020, 4, e10241.	1.1	12
507	Prognosis and Improved Outcomes in Major Depression: A Review. <i>Focus (American Psychiatric Association)</i> , 2020, 28, 1071-1076.	0.4	21
508	Computational Psychiatry Series. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 835-836.	1.1	1
509	Identifying resting-state effective connectivity abnormalities in drug-naïve major depressive disorder diagnosis via graph convolutional networks. <i>Human Brain Mapping</i> , 2020, 41, 4997-5014.	1.9	22
510	The definition and measurement of heterogeneity. <i>Translational Psychiatry</i> , 2020, 10, 299.	2.4	20
511	Convergent molecular, cellular, and cortical neuroimaging signatures of major depressive disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25138-25149.	3.3	90
512	Functional Dysconnectivity of Frontal Cortex to Striatum Predicts Ketamine Infusion Response in Treatment-Resistant Depression. <i>International Journal of Neuropsychopharmacology</i> , 2020, 23, 791-798.	1.0	14
513	Population Neuroscience. <i>Mental Health and Illness Worldwide</i> , 2020, , 117-138.	0.1	1
514	Deep Brain Stimulation for Treatment-Resistant Depression: Towards a More Personalized Treatment Approach. <i>Journal of Clinical Medicine</i> , 2020, 9, 2729.	1.0	26
515	Multiscale neurobiological correlates of human neuroticism. <i>Human Brain Mapping</i> , 2020, 41, 4730-4743.	1.9	9
516	Inferring disease subtypes from clusters in explanation space. <i>Scientific Reports</i> , 2020, 10, 12900.	1.6	16
517	Computational framework for detection of subtypes of neuropsychiatric disorders based on DTI-derived anatomical connectivity. <i>Neuroradiology Journal</i> , 2020, 33, 393-399.	0.6	1
518	Nasal respiration is necessary for ketamine-dependent high frequency network oscillations and behavioral hyperactivity in rats. <i>Scientific Reports</i> , 2020, 10, 18981.	1.6	6

#	ARTICLE	IF	CITATIONS
519	Individual variability in functional connectivity architecture of the mouse brain. <i>Communications Biology</i> , 2020, 3, 738.	2.0	29
520	Rapid Precision Functional Mapping of Individuals Using Multi-Echo fMRI. <i>Cell Reports</i> , 2020, 33, 108540.	2.9	96
521	Epigenetic biotypes of post-traumatic stress disorder in war-zone exposed veteran and active duty males. <i>Molecular Psychiatry</i> , 2021, 26, 4300-4314.	4.1	22
522	Towards precise resting-state fMRI biomarkers in psychiatry: synthesizing developments in transdiagnostic research, dimensional models of psychopathology, and normative neurodevelopment. <i>Current Opinion in Neurobiology</i> , 2020, 65, 120-128.	2.0	62
523	Influence of Transcranial Direct Current Stimulation on Psychomotor Symptoms in Major Depression. <i>Brain Sciences</i> , 2020, 10, 792.	1.1	0
525	Description, prediction and causation: Methodological challenges of studying child and adolescent development. <i>Developmental Cognitive Neuroscience</i> , 2020, 46, 100867.	1.9	32
526	White-matter functional topology: a neuromarker for classification and prediction in unmedicated depression. <i>Translational Psychiatry</i> , 2020, 10, 365.	2.4	31
527	Evaluating the evidence for a neuroimaging subtype of posttraumatic stress disorder. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	18
528	Toward Circuit Mechanisms of Pathophysiology in Depression. <i>American Journal of Psychiatry</i> , 2020, 177, 381-390.	4.0	77
529	The clinical utility of imaging-defined biotypes of depression and transcranial magnetic stimulation: A decision curve analysis. <i>Brain Stimulation</i> , 2020, 13, 1069-1070.	0.7	2
530	Machine Learning for Clinical Psychology and Clinical Neuroscience. , 2020, , 467-482.		4
531	Predicting second-generation antidepressant effectiveness in treating sadness using demographic and clinical information: A machine learning approach. <i>Journal of Affective Disorders</i> , 2020, 272, 295-304.	2.0	0
532	Clinical, behavioral, and neural measures of reward processing correlate with escitalopram response in depression: a Canadian Biomarker Integration Network in Depression (CAN-BIND-1) Report. <i>Neuropsychopharmacology</i> , 2020, 45, 1390-1397.	2.8	23
533	Transcranial direct current stimulation for compulsivity in adolescent fraternal twins with neurodevelopmental disorders. <i>Brain Stimulation</i> , 2020, 13, 1153-1155.	0.7	3
534	Do comorbid OCD-MDD patients need two separate dTMS protocols?. <i>Brain Stimulation</i> , 2020, 13, 1000-1001.	0.7	5
535	Towards a brain-based predictive model of mental illness. <i>Human Brain Mapping</i> , 2020, 41, 3468-3535.	1.9	92
536	The biological classification of mental disorders (BeCOME) study: a protocol for an observational deep-phenotyping study for the identification of biological subtypes. <i>BMC Psychiatry</i> , 2020, 20, 213.	1.1	36
537	Focal transcranial magnetic stimulation in awake rats: Enhanced glucose uptake in deep cortical layers. <i>Journal of Neuroscience Methods</i> , 2020, 339, 108709.	1.3	11

#	ARTICLE	IF	CITATIONS
538	Connectome-based models can predict early symptom improvement in major depressive disorder. <i>Journal of Affective Disorders</i> , 2020, 273, 442-452.	2.0	35
539	ENIGMA MDD: seven years of global neuroimaging studies of major depression through worldwide data sharing. <i>Translational Psychiatry</i> , 2020, 10, 172.	2.4	121
540	Frontal white matter abnormalities reveal the pathological basis underlying negative symptoms in antipsychotic-naïve, first-episode patients with adolescent-onset schizophrenia: Evidence from multimodal brain imaging. <i>Schizophrenia Research</i> , 2020, 222, 258-266.	1.1	7
541	Functional connectivity underpinnings of electroconvulsive therapy-induced memory impairments in patients with depression. <i>Neuropsychopharmacology</i> , 2020, 45, 1579-1587.	2.8	22
542	Research Review: Brain network connectivity and the heterogeneity of depression in adolescence – a precision mental health perspective. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2020, 61, 1282-1298.	3.1	34
543	The effect of HF-rTMS over the left DLPFC on stress regulation as measured by cortisol and heart rate variability. <i>Hormones and Behavior</i> , 2020, 124, 104803.	1.0	24
544	Trait-related changes in brain network topology in premenstrual dysphoric disorder. <i>Hormones and Behavior</i> , 2020, 124, 104782.	1.0	11
545	Reviewing the genetics of heterogeneity in depression: operationalizations, manifestations and etiologies. <i>Human Molecular Genetics</i> , 2020, 29, R10-R18.	1.4	85
546	Using Brain Imaging to Improve Spatial Targeting of Transcranial Magnetic Stimulation for Depression. <i>Biological Psychiatry</i> , 2021, 90, 689-700.	0.7	156
547	Mapping PTSD symptoms to brain networks: a machine learning study. <i>Translational Psychiatry</i> , 2020, 10, 195.	2.4	25
548	Computing schizophrenia: ethical challenges for machine learning in psychiatry. <i>Psychological Medicine</i> , 2021, 51, 2515-2521.	2.7	33
549	Enhancing Multi-Center Generalization of Machine Learning-Based Depression Diagnosis From Resting-State fMRI. <i>Frontiers in Psychiatry</i> , 2020, 11, 400.	1.3	20
550	Toward a unified framework for interpreting machine-learning models in neuroimaging. <i>Nature Protocols</i> , 2020, 15, 1399-1435.	5.5	88
551	Distinct Symptom-Specific Treatment Targets for Circuit-Based Neuromodulation. <i>American Journal of Psychiatry</i> , 2020, 177, 435-446.	4.0	183
552	Functional connectome biotypes of chemotherapy-related cognitive impairment. <i>Journal of Cancer Survivorship</i> , 2020, 14, 483-493.	1.5	15
553	Imaging Brain Mechanisms of Functional Somatic Syndromes: Potential as a Biomarker?. <i>Tohoku Journal of Experimental Medicine</i> , 2020, 250, 137-152.	0.5	9
554	Altered neurometabolism in major depressive disorder: A whole brain 1H-magnetic resonance spectroscopic imaging study at 3T. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 101, 109916.	2.5	18
555	The anterior limb of the internal capsule: Anatomy, function, and dysfunction. <i>Behavioural Brain Research</i> , 2020, 387, 112588.	1.2	33

#	ARTICLE	IF	CITATIONS
556	Evaluation of the effects of rTMS on self-reported quality of life and disability in treatment-resistant depression: A THREE-D study. <i>Journal of Affective Disorders</i> , 2020, 268, 127-133.	2.0	7
557	Alcohol effects on globus pallidus connectivity: Role of impulsivity and binge drinking. <i>PLoS ONE</i> , 2020, 15, e0224906.	1.1	15
558	Deep Temporal Organization of fMRI Phase Synchrony Modes Promotes Large-Scale Disconnection in Schizophrenia. <i>Frontiers in Neuroscience</i> , 2020, 14, 214.	1.4	13
559	Bagging improves reproducibility of functional parcellation of the human brain. <i>NeuroImage</i> , 2020, 214, 116678.	2.1	33
560	Clinically relevant connectivity features define three subtypes of Parkinson's disease patients. <i>Human Brain Mapping</i> , 2020, 41, 4077-4092.	1.9	12
561	A technical review of canonical correlation analysis for neuroscience applications. <i>Human Brain Mapping</i> , 2020, 41, 3807-3833.	1.9	104
562	Systematic Review of Affective Functional Magnetic Resonance Imaging in Pediatric Major Depressive Disorder. <i>Journal of Pediatric Neuropsychology</i> , 2020, 6, 66-82.	0.3	3
563	Permutation inference for canonical correlation analysis. <i>NeuroImage</i> , 2020, 220, 117065.	2.1	59
564	A Causal Network Analysis of Neuromodulation in the Mood Processing Network. <i>Neuron</i> , 2020, 107, 972-985.e6.	3.8	14
565	Abnormal Cerebellar Volume in Patients with Remitted Major Depression with Persistent Cognitive Deficits. <i>Cerebellum</i> , 2020, 19, 762-770.	1.4	15
566	Sex Differences in Internalizing Symptoms and Amygdala Functional Connectivity in Neurotypical Youth. <i>Developmental Cognitive Neuroscience</i> , 2020, 44, 100797.	1.9	14
567	Metabolic activity in subcallosal cingulate predicts response to deep brain stimulation for depression. <i>Neuropsychopharmacology</i> , 2020, 45, 1681-1688.	2.8	35
568	Cortisol and Major Depressive Disorder—Translating Findings From Humans to Animal Models and Back. <i>Frontiers in Psychiatry</i> , 2019, 10, 974.	1.3	123
569	Primary functional brain connections associated with melancholic major depressive disorder and modulation by antidepressants. <i>Scientific Reports</i> , 2020, 10, 3542.	1.6	39
570	How do we know how the brain works?—Analyzing whole brain activities with classic mathematical and machine learning methods. <i>Japanese Journal of Applied Physics</i> , 2020, 59, 030501.	0.8	1
571	Methods and Challenges for Assessing Heterogeneity. <i>Biological Psychiatry</i> , 2020, 88, 9-17.	0.7	34
572	Toward identifying reproducible brain signatures of obsessive-compulsive profiles: rationale and methods for a new global initiative. <i>BMC Psychiatry</i> , 2020, 20, 68.	1.1	13
573	New neuromodulation techniques for treatment resistant depression. <i>International Journal of Psychiatry in Clinical Practice</i> , 2020, 24, 106-115.	1.2	11

#	ARTICLE	IF	CITATIONS
574	Prefrontal cortex circuits in depression and anxiety: contribution of discrete neuronal populations and target regions. <i>Molecular Psychiatry</i> , 2020, 25, 2742-2758.	4.1	200
575	Evaluating the severity of depressive symptoms using upper body motion captured by RGB-depth sensors and machine learning in a clinical interview setting: A preliminary study. <i>Comprehensive Psychiatry</i> , 2020, 98, 152169.	1.5	9
576	Sex differences in adult mood and in stress-induced transcriptional coherence across mesocorticolimbic circuitry. <i>Translational Psychiatry</i> , 2020, 10, 59.	2.4	22
577	Will machine learning applied to neuroimaging in bipolar disorder help the clinician? A critical review and methodological suggestions. <i>Bipolar Disorders</i> , 2020, 22, 334-355.	1.1	35
578	An electroencephalographic signature predicts antidepressant response in major depression. <i>Nature Biotechnology</i> , 2020, 38, 439-447.	9.4	157
579	Single and repeated ketamine treatment induces perfusion changes in sensory and limbic networks in major depressive disorder. <i>European Neuropsychopharmacology</i> , 2020, 33, 89-100.	0.3	27
580	Brain Differences Associated with Self-Injurious Thoughts and Behaviors: A Meta-Analysis of Neuroimaging Studies. <i>Scientific Reports</i> , 2020, 10, 2404.	1.6	19
581	Canonical Correlation Analysis for Identifying Biotypes of Depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 478-480.	1.1	6
582	An investigation of cortical thickness and antidepressant response in major depressive disorder: A CAN-BIND study report. <i>NeuroImage: Clinical</i> , 2020, 25, 102178.	1.4	10
583	Epilepsy Benchmarks Area I: Understanding the Causes of the Epilepsies and Epilepsy-Related Neurologic, Psychiatric, and Somatic Conditions. <i>Epilepsy Currents</i> , 2020, 20, 5S-13S.	0.4	9
584	The neuroscience of sadness: A multidisciplinary synthesis and collaborative review. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 111, 199-228.	2.9	46
585	Functional connectivity of the right inferior frontal gyrus and orbitofrontal cortex in depression. <i>Social Cognitive and Affective Neuroscience</i> , 2020, 15, 75-86.	1.5	81
586	Identifying PTSD symptom typologies: A latent class analysis. <i>Psychiatry Research</i> , 2020, 285, 112779.	1.7	22
587	Neurocircuitry-Based Treatments for Major Depressive Disorder. , 2020, , 121-129.		1
588	Extracting Individual Neural Fingerprint Encoded in Functional Connectivity by Silencing Indirect Effects. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 2253-2265.	2.5	6
589	Detecting cognitive impairment in HIV-infected individuals using mutual connectivity analysis of resting state functional MRI. <i>Journal of NeuroVirology</i> , 2020, 26, 188-200.	1.0	19
590	Altered Resting-State Functional Connectivity of Multiple Networks and Disrupted Correlation With Executive Function in Major Depressive Disorder. <i>Frontiers in Neurology</i> , 2020, 11, 272.	1.1	43
591	Mapping Symptom Clusters to Circuits: Toward Personalizing TMS Targets to Improve Treatment Outcomes in Depression. <i>American Journal of Psychiatry</i> , 2020, 177, 373-375.	4.0	12

#	ARTICLE	IF	CITATIONS
592	Testing Psychosis Phenotypes From Bipolarâ€“Schizophrenia Network for Intermediate Phenotypes for Clinical Application: Biotype Characteristics and Targets. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 808-818.	1.1	27
593	Neuroimaging as a Tool for Individualized Treatment Choice in Depression: the Past, the Present and the Future. <i>Current Behavioral Neuroscience Reports</i> , 2020, 7, 32-39.	0.6	7
594	Brain PET metabolic substrate of TMS response in pharmaco-resistant depression. <i>Brain Stimulation</i> , 2020, 13, 683-685.	0.7	6
595	The Empathic Brain of Psychopaths: From Social Science to Neuroscience in Empathy. <i>Frontiers in Psychology</i> , 2020, 11, 695.	1.1	29
596	Structural changes induced by electroconvulsive therapy are associated with clinical outcome. <i>Brain Stimulation</i> , 2020, 13, 696-704.	0.7	31
597	Toward Neurosubtypes in Autism. <i>Biological Psychiatry</i> , 2020, 88, 111-128.	0.7	97
598	Neural Connectivity Subtypes Predict Discrete Attentional-Bias Profiles Among Heterogeneous Anxiety Patients. <i>Clinical Psychological Science</i> , 2020, 8, 491-505.	2.4	13
599	Neural Subtypes of Euthymic Bipolar I Disorder Characterized by Emotion Regulation Circuitry. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 591-600.	1.1	3
600	Whole-brain structural covariance network abnormality in first-episode and drug-naïve major depressive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2020, 300, 111083.	0.9	18
601	<i>MECP2</i> Duplication Causes Aberrant GABA Pathways, Circuits and Behaviors in Transgenic Monkeys: Neural Mappings to Patients with Autism. <i>Journal of Neuroscience</i> , 2020, 40, 3799-3814.	1.7	29
602	Under the Hood: Using Computational Psychiatry to Make Psychological Therapies More Mechanism-Focused. <i>Frontiers in Psychiatry</i> , 2020, 11, 140.	1.3	27
603	An analytical workflow for seed-based correlation and independent component analysis in interventional resting-state fMRI studies. <i>Neuroscience Research</i> , 2021, 165, 26-37.	1.0	17
604	Subcallosal Cingulate Structural Connectivity Differs in Responders and Nonresponders to Electroconvulsive Therapy. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 10-19.	1.1	5
605	Neurophysiological Correlate of Emotion Regulation by Cognitive Reappraisal and Its Association With Psychotic Symptoms in Early Psychosis. <i>Schizophrenia Bulletin</i> , 2021, 47, 87-96.	2.3	11
606	Neurobiological predictors for clinical trajectories in fully remitted depressed patients. <i>Depression and Anxiety</i> , 2021, 38, 447-455.	2.0	6
607	Disrupted Intersubject Variability Architecture in Functional Connectomes in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2021, 47, 837-848.	2.3	25
608	Shared and Anxiety-Specific Pediatric Psychopathology Dimensions Manifest Distributed Neural Correlates. <i>Biological Psychiatry</i> , 2021, 89, 579-587.	0.7	26
609	Concomitant lorazepam use and antidepressive efficacy of repetitive transcranial magnetic stimulation in a naturalistic setting. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 61-67.	1.8	26

#	ARTICLE	IF	CITATIONS
610	Machine Learning for Predicting Epileptic Seizures Using EEG Signals: A Review. <i>IEEE Reviews in Biomedical Engineering</i> , 2021, 14, 139-155.	13.1	148
611	Animal models of human mood. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 120, 574-582.	2.9	14
612	Childhood trauma is associated with elevated anhedonia and altered core reward circuitry in major depression patients and controls. <i>Human Brain Mapping</i> , 2021, 42, 286-297.	1.9	38
613	Neuromodulation in Psychiatric disorders: Experimental and Clinical evidence for reward and motivation network Deep Brain Stimulation: Focus on the medial forebrain bundle. <i>European Journal of Neuroscience</i> , 2021, 53, 89-113.	1.2	23
614	Resting-state electroencephalographic functional network alterations in major depressive disorder following magnetic seizure therapy. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 108, 110082.	2.5	9
615	Identification of psychiatric disorder subtypes from functional connectivity patterns in resting-state electroencephalography. <i>Nature Biomedical Engineering</i> , 2021, 5, 309-323.	11.6	100
616	Neurocognitive and functional heterogeneity in depressed youth. <i>Neuropsychopharmacology</i> , 2021, 46, 783-790.	2.8	10
617	Resting EEG theta connectivity and alpha power to predict repetitive transcranial magnetic stimulation response in depression: A non-replication from the ICON-DB consortium. <i>Clinical Neurophysiology</i> , 2021, 132, 650-659.	0.7	23
618	Translational opportunities for circuit-based social neuroscience: advancing 21st century psychiatry. <i>Current Opinion in Neurobiology</i> , 2021, 68, 1-8.	2.0	33
619	Personalized Medicine and Cognitive Behavioral Therapies for Depression: Small Effects, Big Problems, and Bigger Data. <i>International Journal of Cognitive Therapy</i> , 2021, 14, 59-85.	1.3	25
620	Right prefrontal intermittent theta-burst stimulation for major depressive disorder: A case series. <i>Brain Stimulation</i> , 2021, 14, 97-99.	0.7	3
621	Psychophysiological and Neural Support for Enhanced Emotional Reactivity in Female Adolescents With Nonsuicidal Self-Injury. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 682-691.	1.1	10
622	Depression, dementia and immune dysregulation. <i>Brain</i> , 2021, 144, 746-760.	3.7	81
623	Atypical Functional Covariance Connectivity Between Gray and White Matter in Children With Autism Spectrum Disorder. <i>Autism Research</i> , 2021, 14, 464-472.	2.1	14
624	Introduction to Functional MR Imaging. <i>Neuroimaging Clinics of North America</i> , 2021, 31, 1-10.	0.5	4
625	Using routine MRI data of depressed patients to predict individual responses to electroconvulsive therapy. <i>Experimental Neurology</i> , 2021, 335, 113505.	2.0	10
626	The promise of artificial neural networks, EEG, and MRI for Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2021, 132, 207-209.	0.7	0
627	<sc>JuSpace</sc>: A tool for spatial correlation analyses of magnetic resonance imaging data with nuclear imaging derived neurotransmitter maps. <i>Human Brain Mapping</i> , 2021, 42, 555-566.	1.9	95

#	ARTICLE	IF	CITATIONS
628	Computational Analysis of Multidimensional Behavioral Alterations After Chronic Social Defeat Stress. <i>Biological Psychiatry</i> , 2021, 89, 920-928.	0.7	13
629	Re-visiting Riemannian geometry of symmetric positive definite matrices for the analysis of functional connectivity. <i>NeuroImage</i> , 2021, 225, 117464.	2.1	35
630	Safety and recommendations for TMS use in healthy subjects and patient populations, with updates on training, ethical and regulatory issues: Expert Guidelines. <i>Clinical Neurophysiology</i> , 2021, 132, 269-306.	0.7	553
631	fMRI and transcranial electrical stimulation (tES): A systematic review of parameter space and outcomes. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 107, 110149.	2.5	20
632	Deep brain stimulation for psychiatric disorders: From focal brain targets to cognitive networks. <i>NeuroImage</i> , 2021, 225, 117515.	2.1	63
633	Prefrontal resting-state connectivity and antidepressant response: no associations in the ELECT-TDCS trial. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 123-134.	1.8	4
634	Computational phenotyping and longitudinal dynamics to inform clinical decision-making in psychiatry. <i>Neuropsychopharmacology</i> , 2021, 46, 243-244.	2.8	2
635	Dissecting diagnostic heterogeneity in depression by integrating neuroimaging and genetics. <i>Neuropsychopharmacology</i> , 2021, 46, 156-175.	2.8	110
636	Brain functional network modeling and analysis based on fMRI: a systematic review. <i>Cognitive Neurodynamics</i> , 2021, 15, 389-403.	2.3	23
637	Application of transcranial magnetic stimulation for major depression: Coil design and neuroanatomical variability considerations. <i>European Neuropsychopharmacology</i> , 2021, 45, 73-88.	0.3	27
638	Single-subject Prediction: A Statistical Paradigm for Precision Psychiatry. , 2021, , 397-411.		0
639	Multiscale neural modeling of resting-state fMRI reveals executive-limbic malfunction as a core mechanism in major depressive disorder. <i>NeuroImage: Clinical</i> , 2021, 31, 102758.	1.4	11
641	Brain Imaging and the Mechanisms of Antidepressant Action. , 2021, , 248-260.		0
642	Brain Imaging of Reward Dysfunction in Unipolar and Bipolar Disorders. , 2021, , 39-48.		0
643	Molecular Imaging of Dopamine and Antipsychotics in Bipolar Disorder. , 2021, , 236-247.		0
644	Specific Dimensions of Depression Have Different Associations With Cognitive Decline in Older Adults With Type 2 Diabetes. <i>Diabetes Care</i> , 2021, 44, 655-662.	4.3	10
645	Post-Stroke Reorganization of Transient Brain Activity Characterizes Deficits and Recovery of Cognitive Functions. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
646	Combining transcranial magnetic stimulation with functional magnetic resonance imaging for probing and modulating neural circuits relevant to affective disorders. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2021, 12, e1553.	1.4	22

#	ARTICLE	IF	CITATIONS
647	Repetitive transcranial magnetic stimulation for major depressive disorder: basic principles and future directions. <i>Therapeutic Advances in Psychopharmacology</i> , 2021, 11, 204512532110426.	1.2	21
648	Structural MRI and functional connectivity features predict current clinical status and persistence behavior in prescription opioid users. <i>NeuroImage: Clinical</i> , 2021, 30, 102663.	1.4	11
649	Translational application of neuroimaging in major depressive disorder: a review of psychoradiological studies. <i>Frontiers of Medicine</i> , 2021, 15, 528-540.	1.5	8
650	Recent Advances and Future Directions in Brain MR Imaging Studies in Schizophrenia: Toward Elucidating Brain Pathology and Developing Clinical Tools. <i>Magnetic Resonance in Medical Sciences</i> , 2022, 21, 539-552.	1.1	4
652	Boost in Testâ€“Retest Reliability in Resting State fMRI with Predictive Modeling. <i>Cerebral Cortex</i> , 2021, 31, 2822-2833.	1.6	40
654	An Overview of Resting State Functional Connectivity Studies of Major Depressive Disorder. , 2021, , 297-312.		0
655	From vision to action: Canadian leadership in ethics and neurotechnology. <i>International Review of Neurobiology</i> , 2021, 159, 241-273.	0.9	0
656	Magnetoencephalography Studies in Mood Disorders. , 2021, , 192-205.		0
658	Functional Near-Infrared Spectroscopy Studies in Mood Disorders. , 2021, , 166-174.		0
660	Neuroimaging Studies of Effects of Psychotherapy in Depression. , 2021, , 261-272.		0
661	Resting-state connectivity within the brainâ€™s reward system predicts weight loss and correlates with leptin. <i>Brain Communications</i> , 2021, 3, fcab005.	1.5	15
662	Prediction of response to repetitive transcranial magnetic stimulation in phantom sounds based on individual brain anatomy. <i>Brain Communications</i> , 2021, 3, fcab115.	1.5	3
663	The Value of Neuroimaging for Treating Depression with Brain Stimulation. , 2021, , 173-210.		0
664	tDCS and Functional Connectivity. , 2021, , 159-172.		2
665	OUP accepted manuscript. <i>Cerebral Cortex</i> , 2021, , .	1.6	7
666	Human serotonergic neurons, selective serotonin reuptake inhibitor (SSRI) resistance and major depressive disorder. , 2021, , 323-330.		0
667	Neuroimaging Brain Inflammation in Mood Disorders. , 2021, , 121-134.		0
668	Resting-State Co-activation Patterns as Promising Candidates for Prediction of Alzheimerâ€™s Disease in Aged Mice. <i>Frontiers in Neural Circuits</i> , 2020, 14, 612529.	1.4	13

#	ARTICLE	IF	CITATIONS
669	An Overview of Machine Learning Applications in Mood Disorders. , 2021, , 206-218.		0
671	Animal Models for OCD Research. Current Topics in Behavioral Neurosciences, 2021, 49, 55-96.	0.8	9
672	Mood Disorders: Clinical Results. , 2021, , 465-480.		0
673	Electrophysiological Biomarkers for Mood Disorders. , 2021, , 175-191.		1
674	Connectome-Based Predictive Modeling of Individual Anxiety. Cerebral Cortex, 2021, 31, 3006-3020.	1.6	49
676	Neuroanatomical Findings in Bipolar Disorder. , 2021, , 16-27.		0
677	Imaging Glutamatergic and GABAergic Abnormalities in Mood Disorders. , 2021, , 105-120.		0
678	Magnetic Resonance Spectroscopy Investigations of Bioenergy and Mitochondrial Function in Mood Disorders. , 2021, , 83-104.		0
679	Brain Imaging Methods in Mood Disorders. , 2021, , 1-6.		0
680	Effects of Lithium on Brain Structure in Bipolar Disorder. , 2021, , 219-235.		1
681	Noise-driven multistability vs deterministic chaos in phenomenological semi-empirical models of whole-brain activity. Chaos, 2021, 31, 023127.	1.0	16
682	Hippocampal miRNA-144 Modulates Depressive-Like Behaviors in Rats by Targeting PTP1B. Neuropsychiatric Disease and Treatment, 2021, Volume 17, 389-399.	1.0	10
683	Predicting Response to Brain Stimulation in Depression: a Roadmap for Biomarker Discovery. Current Behavioral Neuroscience Reports, 2021, 8, 11-19.	0.6	4
684	Default mode network activity in depression subtypes. Reviews in the Neurosciences, 2021, 32, 597-613.	1.4	10
685	The future of personalized brain stimulation. Nature Medicine, 2021, 27, 196-197.	15.2	42
688	Resting fMRI-guided TMS results in subcortical and brain network modulation indexed by interleaved TMS/fMRI. Experimental Brain Research, 2021, 239, 1165-1178.	0.7	39
689	Occipital gamma-aminobutyric acid and glutamate-glutamine alterations in major depressive disorder: An mrs study and meta-analysis. Psychiatry Research - Neuroimaging, 2021, 308, 111238.	0.9	15
690	Multiregional communication and the channel modulation hypothesis. Current Opinion in Neurobiology, 2021, 66, 250-257.	2.0	7

#	ARTICLE	IF	CITATIONS
691	Repeated measurement of implicit self-associations in clinical depression: Psychometric, neural, and computational properties.. Journal of Abnormal Psychology, 2021, 130, 152-165.	2.0	4
692	Stability test of canonical correlation analysis for studying brain-behavior relationships: The effects of subject-to-variable ratios and correlation strengths. Human Brain Mapping, 2021, 42, 2374-2392.	1.9	8
694	Can Molecular Biology Propose Reliable Biomarkers for Diagnosing Major Depression?. Current Pharmaceutical Design, 2021, 27, 305-318.	0.9	4
695	Precision clinical trials: a framework for getting to precision medicine for neurobehavioural disorders. Journal of Psychiatry and Neuroscience, 2021, 46, E97-E110.	1.4	19
696	Recursive dynamic functional connectivity reveals a characteristic correlation structure in human scalp EEG. Scientific Reports, 2021, 11, 2822.	1.6	3
698	Structural brain measures linked to clinical phenotypes in major depression replicate across clinical centres. Molecular Psychiatry, 2021, 26, 2764-2775.	4.1	21
699	Brain network dynamics fingerprints are resilient to data heterogeneity. Journal of Neural Engineering, 2021, 18, 026004.	1.8	5
700	Chronic Stress Prevents Cortico-Accumbens Cue Encoding and Alters Conditioned Approach. Journal of Neuroscience, 2021, 41, 2428-2436.	1.7	8
702	Mapping relationships among schizophrenia, bipolar and schizoaffective disorders: A deep classification and clustering framework using fMRI time series. Schizophrenia Research, 2022, 245, 141-150.	1.1	25
703	Diffusion Tensor Imaging Group Analysis Using Tract Profiling and Directional Statistics. Frontiers in Neuroscience, 2021, 15, 625473.	1.4	1
704	Across-subjects multiple baseline trial of exposure-based cognitive-behavioral therapy for severe irritability: a study protocol. BMJ Open, 2021, 11, e039169.	0.8	14
705	Functional MRI Can Be Highly Reliable, but It Depends on What You Measure: A Commentary on Elliott et al. (2020). Psychological Science, 2021, 32, 622-626.	1.8	79
706	Five best practices for fMRI research: Towards a biologically grounded understanding of mental phenomena. Journal for Reproducibility in Neuroscience, 0, 2, 1517.	0.0	3
707	Neuroimaging Markers of Mal de Débarquement Syndrome. Frontiers in Neurology, 2021, 12, 636224.	1.1	8
708	Distinct patterns of resting-state connectivity in U.S. service members with mild traumatic brain injury versus posttraumatic stress disorder. Brain Imaging and Behavior, 2021, 15, 2616-2626.	1.1	11
709	Disfunção temporomandibular e fatores psicológicos: uma revisão de literatura. Research, Society and Development, 2021, 10, e15210313123.	0.0	0
710	Repetitive Transcranial Magnetic Stimulation for Treatment-Resistant Depression: Recent Critical Advances in Patient Care. Current Treatment Options in Psychiatry, 2021, 8, 47-63.	0.7	21
714	Differential response to SSRI versus Placebo and distinct neural signatures among data-driven subgroups of patients with major depressive disorder. Journal of Affective Disorders, 2021, 282, 602-610.	2.0	3

#	ARTICLE	IF	CITATIONS
715	Magnetic resonance imaging for individual prediction of treatment response in major depressive disorder: a systematic review and meta-analysis. <i>Translational Psychiatry</i> , 2021, 11, 168.	2.4	31
719	Effects of polygenic risk for major mental disorders and cross-disorder on cortical complexity. <i>Psychological Medicine</i> , 2021, , 1-12.	2.7	7
720	Resting-state connectivity subtype of comorbid PTSD and alcohol use disorder moderates improvement from integrated prolonged exposure therapy in Veterans. <i>Psychological Medicine</i> , 2021, , 1-10.	2.7	5
721	Markov chain Monte Carlo methods for hierarchical clustering of dynamic causal models. <i>Human Brain Mapping</i> , 2021, 42, 2973-2989.	1.9	9
722	A Novel Framework for Network-Targeted Neuropsychiatric Deep Brain Stimulation. <i>Neurosurgery</i> , 2021, 89, E116-E121.	0.6	32
723	Computer Vision for Brain Disorders Based Primarily on Ocular Responses. <i>Frontiers in Neurology</i> , 2021, 12, 584270.	1.1	3
724	Repetitive Transcranial Magnetic Stimulation for Adolescent Major Depressive Disorder: A Focus on Neurodevelopment. <i>Frontiers in Psychiatry</i> , 2021, 12, 642847.	1.3	8
725	Applications of artificial intelligence to improve patient flow on mental health inpatient units - Narrative literature review. <i>Heliyon</i> , 2021, 7, e06626.	1.4	8
726	Spatial Expression Pattern of <i>ZNF391</i> Gene in the Brains of Patients With Schizophrenia, Bipolar Disorders or Major Depressive Disorder Identifies New Cross-Disorder Biotypes: A Trans-Diagnostic, Top-Down Approach. <i>Schizophrenia Bulletin</i> , 2021, 47, 1351-1363.	2.3	4
727	Abnormal Intrinsic Functional Interactions Within Pain Network in Cervical Discogenic Pain. <i>Frontiers in Neuroscience</i> , 2021, 15, 671280.	1.4	1
729	Psychiatric Neural Networks and Precision Therapeutics by Machine Learning. <i>Biomedicines</i> , 2021, 9, 403.	1.4	24
730	Use of common average reference and large-Laplacian spatial-filters enhances EEG signal-to-noise ratios in intrinsic sensorimotor activity. <i>Journal of Neuroscience Methods</i> , 2021, 353, 109089.	1.3	29
732	Deep brain stimulation of the "medial forebrain bundle" a strategy to modulate the reward system and manage treatment-resistant depression. <i>Molecular Psychiatry</i> , 2022, 27, 574-592.	4.1	27
734	Treatment effect variability in brain stimulation across psychiatric disorders: A meta-analysis of variance. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 124, 54-62.	2.9	14
735	Treatment-resistant bipolar depression: concepts and challenges for novel interventions. <i>Revista Brasileira De Psiquiatria</i> , 2022, 44, 178-186.	0.9	7
736	Scientific Advances Supporting New and Improved Treatment Strategies in Psychiatry. <i>American Journal of Psychiatry</i> , 2021, 178, 365-368.	4.0	1
737	Examining and Modulating Neural Circuits in Psychiatric Disorders With Transcranial Magnetic Stimulation and Electroencephalography: Present Practices and Future Developments. <i>American Journal of Psychiatry</i> , 2021, 178, 400-413.	4.0	33
738	AI in patient flow: applications of artificial intelligence to improve patient flow in NHS acute mental health inpatient units. <i>Heliyon</i> , 2021, 7, e06993.	1.4	28

#	ARTICLE	IF	CITATIONS
739	Imaging and Reimagining the Mind: fMRI and Psychiatric Illness. <i>Biological Psychiatry</i> , 2021, 89, e45-e47.	0.7	3
741	The promise of machine learning in predicting treatment outcomes in psychiatry. <i>World Psychiatry</i> , 2021, 20, 154-170.	4.8	174
742	<scp>Crossâ€Scanner</scp> Harmonization of <scp>Neuromelaninâ€Sensitive MRI</scp> for Multisite Studies. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1189-1199.	1.9	10
743	A digital intervention targeting cognitive control network dysfunction in middle age and older adults with major depression. <i>Translational Psychiatry</i> , 2021, 11, 269.	2.4	16
744	Estimating Gender and Age from Brain Structural MRI of Children and Adolescents: A 3D Convolutional Neural Network Multitask Learning Model. <i>Computational Intelligence and Neuroscience</i> , 2021, 2021, 1-12.	1.1	5
745	Dissociating default mode network resting state markers of suicide from familial risk factors for depression. <i>Neuropsychopharmacology</i> , 2021, 46, 1830-1838.	2.8	8
746	Machine learning to predict clinical remission in depressed patients after acute phase selective serotonin reuptake inhibitor treatment. <i>Journal of Affective Disorders</i> , 2021, 287, 372-379.	2.0	6
747	Data-driven approaches to neuroimaging biomarkers for neurological and psychiatric disorders: emerging approaches and examples. <i>Current Opinion in Neurology</i> , 2021, 34, 469-479.	1.8	11
748	Moving beyond the mean: Subgroups and dimensions of brain activity and cognitive performance across domains. <i>NeuroImage</i> , 2021, 231, 117823.	2.1	15
749	Nicotine addiction: Translational insights from circuit neuroscience. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 204, 173171.	1.3	7
750	Promises and pitfalls of deep neural networks in neuroimaging-based psychiatric research. <i>Experimental Neurology</i> , 2021, 339, 113608.	2.0	20
751	Looking Back at the Next 40 Years of ASD Neuroscience Research. <i>Journal of Autism and Developmental Disorders</i> , 2021, 51, 4333-4353.	1.7	17
752	Resilience to anhedonia-passive coping induced by early life experience is linked to a long-lasting reduction of Ih current in VTA dopaminergic neurons. <i>Neurobiology of Stress</i> , 2021, 14, 100324.	1.9	9
753	Deep repetitive TMS with the H7 coil is sufficient to treat comorbid MDD and OCD. <i>Brain Stimulation</i> , 2021, 14, 658-661.	0.7	5
754	Symptom dimensions of major depression in a large community-based cohort. <i>Psychological Medicine</i> , 2021, , 1-8.	2.7	3
755	Characterizing Cortical Oscillatory Responses in Major Depressive Disorder Before and After Convulsive Therapy: A TMS-EEG Study. <i>Journal of Affective Disorders</i> , 2021, 287, 78-88.	2.0	8
756	Resting-state brain metabolic fingerprinting clusters (biomarkers) and predictive models for major depression in multiple myeloma patients. <i>PLoS ONE</i> , 2021, 16, e0251026.	1.1	3
757	Bayesian estimation of maximum entropy model for individualized energy landscape analysis of brain state dynamics. <i>Human Brain Mapping</i> , 2021, 42, 3411-3428.	1.9	7

#	ARTICLE	IF	CITATIONS
758	Perturbation of resting-state network nodes preferentially propagates to structurally rather than functionally connected regions. <i>Scientific Reports</i> , 2021, 11, 12458.	1.6	13
759	Personalized machine learning of depressed mood using wearables. <i>Translational Psychiatry</i> , 2021, 11, 338.	2.4	44
761	Fifteen years of NESDA Neuroimaging: An overview of results related to clinical profile and bio-social risk factors of major depressive disorder and common anxiety disorders. <i>Journal of Affective Disorders</i> , 2021, 289, 31-45.	2.0	11
762	Structural and functional biomarkers of efficacy of navigated repetitive transcranial magnetic stimulation in therapy for trigeminal neuralgia. <i>Bulletin of Russian State Medical University</i> , 2021, , .	0.3	0
763	Biological Psychiatry in the UK and Beyond. , 2021, , 151-162.		0
764	Neurophysiological Subtypes of Depressive Disorders. <i>Psychiatry</i> , 2021, 19, 63-76.	0.2	1
765	Preliminary Evidence for Anhedonia as a Marker of Sexual Trauma in Female Adolescents. <i>Adolescent Health, Medicine and Therapeutics</i> , 2021, Volume 12, 67-75.	0.7	2
766	Characteristics of hospitalized patients with depression and their relationship with the surrounding environment: A study in a class 3A hospital in Shanghai. <i>Current Psychology</i> , 0, , 1.	1.7	0
767	Theta-Range Oscillations in Stress-Induced Mental Disorders as an Oscillotherapeutic Target. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 698753.	1.0	15
768	Identification of transdiagnostic psychiatric disorder subtypes using unsupervised learning. <i>Neuropsychopharmacology</i> , 2021, 46, 1895-1905.	2.8	24
769	Common Brain Networks Between Major Depressive-Disorder Diagnosis and Symptoms of Depression That Are Validated for Independent Cohorts. <i>Frontiers in Psychiatry</i> , 2021, 12, 667881.	1.3	3
771	Connectivity-Guided Theta Burst Transcranial Magnetic Stimulation Versus Repetitive Transcranial Magnetic Stimulation for Treatment-Resistant Moderate to Severe Depression: Magnetic Resonance Imaging Protocol and SARS-CoV-2â€“Induced Changes for a Randomized Double-blind Controlled Trial. <i>IMIR Research Protocols</i> , 2022, 11, e31925.	0.5	3
772	Reinforcement Learning Disruptions in Individuals With Depression and Sensitivity to Symptom Change Following Cognitive Behavioral Therapy. <i>JAMA Psychiatry</i> , 2021, 78, 1113.	6.0	44
773	Molecular Mechanisms Associated with Antidepressant Treatment on Major Depression. <i>Complex Psychiatry</i> , 2021, 7, 49-59.	1.3	5
774	Brain stimulation and brain lesions converge on common causal circuits in neuropsychiatric disease. <i>Nature Human Behaviour</i> , 2021, 5, 1707-1716.	6.2	113
775	Lesional psychiatric neurosurgery: meta-analysis of clinical outcomes using a transdiagnostic approach. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 207-215.	0.9	5
776	Estimated Regional White Matter Hyperintensity Burden, Resting State Functional Connectivity, and Cognitive Functions in Older Adults. <i>American Journal of Geriatric Psychiatry</i> , 2022, 30, 269-280.	0.6	3
777	Personalized prediction of transcranial magnetic stimulation clinical response in patients with treatment-refractory depression using neuroimaging biomarkers and machine learning. <i>Journal of Affective Disorders</i> , 2021, 290, 261-271.	2.0	32

#	ARTICLE	IF	CITATIONS
778	Dynamic brain connectome and high risk of mental problem in clinical nurses. <i>Human Brain Mapping</i> , 2021, 42, 5300-5308.	1.9	3
779	Mapping brain-behavior space relationships along the psychosis spectrum. <i>ELife</i> , 2021, 10, .	2.8	21
780	Data-driven clustering differentiates subtypes of major depressive disorder with distinct brain connectivity and symptom features. <i>British Journal of Psychiatry</i> , 2021, 219, 606-613.	1.7	30
782	The intervention, the patient and the illness “ Personalizing non-invasive brain stimulation in psychiatry. <i>Experimental Neurology</i> , 2021, 341, 113713.	2.0	15
783	Dorsomedial prefrontal theta burst stimulation to treat anhedonia, avolition, and blunted affect in schizophrenia or depression “ a randomized controlled trial. <i>Journal of Affective Disorders</i> , 2021, 290, 308-315.	2.0	23
784	Inflamed brain: Targeting immune changes and inflammation for treatment of depression. <i>Psychiatry and Clinical Neurosciences</i> , 2021, 75, 304-311.	1.0	23
785	Identifying subtypes of PTSD to promote precision medicine. <i>Neuropsychopharmacology</i> , 2022, 47, 379-380.	2.8	0
786	Structural and functional neuroimaging of late-life depression: a coordinate-based meta-analysis. <i>Brain Imaging and Behavior</i> , 2022, 16, 518-531.	1.1	13
787	Multivariate Machine Learning Analyses in Identification of Major Depressive Disorder Using Resting-State Functional Connectivity: A Multicentral Study. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2878-2886.	1.7	30
788	Using Network Parcels and Resting-State Networks to Estimate Correlates of Mood Disorder and Related Research Domain Criteria Constructs of Reward Responsiveness and Inhibitory Control. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, , .	1.1	2
789	Transcranial magnetic stimulation indices of cortical excitability enhance the prediction of response to pharmacotherapy in late-life depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, , .	1.1	1
790	Deriving mechanistic insights from machine learning and its possible implications in non-invasive brain stimulation research. <i>Brain Stimulation</i> , 2021, 14, 1035-1037.	0.7	1
791	Noninvasive neuromodulation of the prefrontal cortex in mental health disorders. <i>Neuropsychopharmacology</i> , 2022, 47, 361-372.	2.8	11
792	The role of monoamine oxidase enzymes in the pathophysiology of neurological disorders. <i>Journal of Chemical Neuroanatomy</i> , 2021, 114, 101957.	1.0	42
793	Identifying subtypes of bipolar disorder based on clinical and neurobiological characteristics. <i>Scientific Reports</i> , 2021, 11, 17082.	1.6	4
794	Mind-body approaches targeting the psychological aspects of opioid use problems in patients with chronic pain: evidence and opportunities. <i>Translational Research</i> , 2021, 234, 114-128.	2.2	7
795	Concurrent TMS-fMRI for causal network perturbation and proof of target engagement. <i>NeuroImage</i> , 2021, 237, 118093.	2.1	56
796	Resting-State Correlations of Fatigue Following Military Deployment. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2021, 33, 337-341.	0.9	2

#	ARTICLE	IF	CITATIONS
797	Relating whole-brain functional connectivity to self-reported negative emotion in a large sample of young adults using group regularized canonical correlation analysis. <i>NeuroImage</i> , 2021, 237, 118137.	2.1	7
798	Identifying Subgroups of Major Depressive Disorder Using Brain Structural Covariance Networks and Mapping of Associated Clinical and Cognitive Variables. <i>Biological Psychiatry Global Open Science</i> , 2021, 1, 135-145.	1.0	2
799	The prefrontal cortex and OCD. <i>Neuropsychopharmacology</i> , 2022, 47, 211-224.	2.8	29
800	Reducing the Cognitive Footprint of Brain Tumor Surgery. <i>Frontiers in Neurology</i> , 2021, 12, 711646.	1.1	53
801	Integrating the monoamine and cytokine hypotheses of depression: Is histamine the missing link?. <i>European Journal of Neuroscience</i> , 2022, 55, 2895-2911.	1.2	11
802	Application of Near-Infrared Spectroscopy for Understanding Spontaneous Brain Activity During Resting State in Schizophrenia: A Mini Review. <i>Frontiers in Psychiatry</i> , 2021, 12, 704506.	1.3	4
804	Physiological and motion signatures in static and time-varying functional connectivity and their subject identifiability. <i>ELife</i> , 2021, 10, .	2.8	30
805	The Contribution of White Matter Diffusion and Cortical Perfusion Pathology to Vascular Cognitive Impairment: A Multimode Imaging-Based Machine Learning Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 687001.	1.7	3
807	Clustering of Multiple Psychiatric Disorders Using Functional Connectivity in the Data-Driven Brain Subnetwork. <i>Frontiers in Psychiatry</i> , 2021, 12, 683280.	1.3	3
808	Dimensional Analysis of Atypical Functional Connectivity of Major Depression Disorder and Bipolar Disorder. <i>Cerebral Cortex</i> , 2022, 32, 1307-1317.	1.6	5
809	Evaluating the Machine Learning Literature: A Primer and User's Guide for Psychiatrists. <i>American Journal of Psychiatry</i> , 2021, 178, 715-729.	4.0	29
810	Magnetic Resonance Imaging Studies on Acupuncture Therapy in Depression: A Systematic Review. <i>Frontiers in Psychiatry</i> , 2021, 12, 670739.	1.3	4
811	Baseline Functional Connectivity in Resting State Networks Associated with Depression and Remission Status after 16 Weeks of Pharmacotherapy: A CAN-BIND Report. <i>Cerebral Cortex</i> , 2022, 32, 1223-1243.	1.6	6
812	Brain-based mechanisms of late-life depression: Implications for novel interventions. <i>Seminars in Cell and Developmental Biology</i> , 2021, 116, 169-179.	2.3	15
813	The Use of Repetitive Transcranial Magnetic Stimulation in Depression and Other Psychiatric Disorders; the Knowns and the Unknowns. <i>Advances in Psychiatry and Behavioral Health</i> , 2021, 1, 173-183.	0.4	0
814	Unique neurocircuitry activation profiles during fear conditioning and extinction among women with posttraumatic stress disorder. <i>Journal of Psychiatric Research</i> , 2021, 141, 257-266.	1.5	5
815	Kynurenines increase MRS metabolites in basal ganglia and decrease resting-state connectivity in frontostriatal reward circuitry in depression. <i>Translational Psychiatry</i> , 2021, 11, 456.	2.4	8
816	Accelerated theta burst stimulation for the treatment of depression: A randomised controlled trial. <i>Brain Stimulation</i> , 2021, 14, 1095-1105.	0.7	36

#	ARTICLE	IF	CITATIONS
817	Subtyping Schizophrenia Patients Based on Patterns of Structural Brain Alterations. <i>Schizophrenia Bulletin</i> , 2022, 48, 241-250.	2.3	28
818	Morphological profiles of fatigue in Sarcoidosis patients. <i>Psychiatry Research - Neuroimaging</i> , 2021, 315, 111325.	0.9	2
819	Improving cognitive functioning in major depressive disorder with psychedelics: A dimensional approach. <i>Neurobiology of Learning and Memory</i> , 2021, 183, 107467.	1.0	20
820	The Role of Large-Scale Data Infrastructure in Developing Next-Generation Deep Brain Stimulation Therapies. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 717401.	1.0	9
821	A connectomic analysis of deep brain stimulation for treatment-resistant depression. <i>Brain Stimulation</i> , 2021, 14, 1226-1233.	0.7	22
822	From the Group to the Individual in Schizophrenia Spectrum Disorders: Biomarkers of Social Cognitive Impairments and Therapeutic Translation. <i>Biological Psychiatry</i> , 2022, 91, 699-708.	0.7	7
823	An electrophysiological model of major depression: Relevance to clinical subtyping and pharmacological management. <i>Psychiatry Research</i> , 2021, 303, 114054.	1.7	2
824	Spectral clustering based on structural magnetic resonance imaging and its relationship with major depressive disorder and cognitive ability. <i>European Journal of Neuroscience</i> , 2021, 54, 6281-6303.	1.2	5
825	Computational Psychiatry Needs Time and Context. <i>Annual Review of Psychology</i> , 2022, 73, 243-270.	9.9	47
826	Eye movement as a biomarker of impaired organizational strategies during visual memory encoding in obsessive-compulsive disorder. <i>Scientific Reports</i> , 2021, 11, 18402.	1.6	0
827	Artificial Intelligence for Mental Health Care: Clinical Applications, Barriers, Facilitators, and Artificial Wisdom. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 856-864.	1.1	62
828	Machine Learning-Based Definition of Symptom Clusters and Selection of Antidepressants for Depressive Syndrome. <i>Diagnostics</i> , 2021, 11, 1631.	1.3	8
829	The Evolving Nexus of Sleep and Depression. <i>American Journal of Psychiatry</i> , 2021, 178, 896-902.	4.0	44
830	Distinct changes of brain cortical thickness relate to post-treatment outcomes in children with epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 91, 181-188.	0.9	2
831	Treating cocaine and opioid use disorder with transcranial magnetic stimulation: A path forward. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 209, 173240.	1.3	15
832	Dysfunction of default mode network is associated with active suicidal ideation in youths and young adults with depression: Findings from the T-RAD study. <i>Journal of Psychiatric Research</i> , 2021, 142, 258-262.	1.5	10
833	Multiple clustering for identifying subject clusters and brain sub-networks using functional connectivity matrices without vectorization. <i>Neural Networks</i> , 2021, 142, 269-287.	3.3	13
834	Transdiagnostic biomarker approaches to mental health disorders: Consideration of symptom complexity, comorbidity and context. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 16, 100303.	1.3	10

#	ARTICLE	IF	CITATIONS
835	Behavioral mediators of stress-related mood symptoms in adolescence & young adulthood. Journal of Affective Disorders, 2021, 294, 94-102.	2.0	5
836	From genetics to systems biology of stress-related mental disorders. Neurobiology of Stress, 2021, 15, 100393.	1.9	13
837	Resting state functional connectivity subtypes predict discrete patterns of cognitive-affective functioning across levels of analysis among patients with treatment-resistant depression. Behaviour Research and Therapy, 2021, 146, 103960.	1.6	6
838	Specificity of anhedonic alterations in resting-state network connectivity and structure: A transdiagnostic approach. Psychiatry Research - Neuroimaging, 2021, 317, 111349.	0.9	8
839	What have we really learned from functional connectivity in clinical populations?. NeuroImage, 2021, 242, 118466.	2.1	55
840	Targeting hippocampal phospholipid and tryptophan metabolism for antidepressant-like effects of albilflorin. Phytomedicine, 2021, 92, 153735.	2.3	20
841	Differential reinforcement learning responses to positive and negative information in unmedicated individuals with depression. European Neuropsychopharmacology, 2021, 53, 89-100.	0.3	12
842	Dynamic changes of large-scale resting-state functional networks in major depressive disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 111, 110369.	2.5	18
843	Pathways to Treatment Development. , 2022, , 226-239.		0
844	Outlook: Towards personalized connectomic deep brain stimulation. , 2022, , 527-542.		3
845	Combining invasive and noninvasive brain stimulation. , 2022, , 505-523.		2
846	Neuroimaging Biomarkers in Pediatric Mood Disorders. , 2021, , 28-38.		0
847	Neuroanatomical Findings in Unipolar Depression and the Role of the Hippocampus. , 2021, , 7-15.		0
849	Network Modulation in Neuropsychiatric Disorders Using the Virtual Brain. , 2021, , 153-167.		0
850	Effects of high-fat diet on the formation of depressive-like behavior in mice. Food and Function, 2021, 12, 6416-6431.	2.1	18
851	Brain-Machine Interfaces for Closed-Loop Electrical Brain Stimulation in Neuropsychiatric Disorders. , 2021, , 1-26.		0
853	Functional Connectome in Bipolar Disorder. , 2021, , 59-82.		0
854	Resting-State Functional Connectivity in Unipolar Depression. , 2021, , 49-58.		0

#	ARTICLE	IF	CITATIONS
855	Imaging Genetic and Epigenetic Markers in Mood Disorders. , 2021, , 135-150.		0
856	fMRI Neurofeedback as Treatment for Depression. , 2021, , 151-165.		0
857	Brain/MINDS beyond human brain MRI project: A protocol for multi-level harmonization across brain disorders throughout the lifespan. NeuroImage: Clinical, 2021, 30, 102600.	1.4	34
858	Physical activity and aerobic fitness in relation to local and interhemispheric functional connectivity in adolescentsâ€™ brains. Brain and Behavior, 2021, 11, e01941.	1.0	7
859	MNE: Software for Acquiring, Processing, and Visualizing MEG/EEG Data. , 2019, , 355-371.		7
860	The Neurobiological Strands of Developmental Dyslexia: What We Know and What We Donâ€™t Know. , 2019, , 233-270.		3
861	Resting-State fMRI: Preclinical Foundations. , 2020, , 47-63.		3
862	Neuroimaging Advance in Depressive Disorder. Advances in Experimental Medicine and Biology, 2019, 1180, 59-83.	0.8	4
863	Development of Neuroimaging-Based Biomarkers in Psychiatry. Advances in Experimental Medicine and Biology, 2019, 1192, 159-195.	0.8	15
864	Causes and Consequences of Diagnostic Heterogeneity in Depression: Paths to Discovering Novel Biological Depression Subtypes. Biological Psychiatry, 2020, 88, 83-94.	0.7	84
865	Ventral Hippocampal Afferents to Nucleus Accumbens Encode Both Latent Vulnerability and Stress-Induced Susceptibility. Biological Psychiatry, 2020, 88, 843-854.	0.7	51
866	New directions in behavioral activation: Using findings from basic science and translational neuroscience to inform the exploration of potential mechanisms of change. Clinical Psychology Review, 2020, 79, 101860.	6.0	37
867	Subthreshold depression may exist on a spectrum with major depressive disorder: Evidence from gray matter volume and morphological brain network. Journal of Affective Disorders, 2020, 266, 243-251.	2.0	15
868	EEG responses to emotional videos can quantitatively predict big-five personality traits. Neurocomputing, 2020, 415, 368-381.	3.5	22
869	Predicting treatment effects in unipolar depression: A meta-review. , 2020, 212, 107557.		20
870	The value of clinical and translational neuroscience approaches to psychiatric illness. Behavioral and Brain Sciences, 2019, 42, e11.	0.4	3
871	Neither biological nor symptomatology reductionism: A call for integration in psychopathology research. Behavioral and Brain Sciences, 2019, 42, e17.	0.4	1
872	Effectiveness of intravenous ketamine in mood disorder patients with a history of neurostimulation. CNS Spectrums, 2022, 27, 315-321.	0.7	7

#	ARTICLE	IF	CITATIONS
873	An Update of a Meta-Analysis on the Clinical Outcomes of Deep Transcranial Magnetic Stimulation (DTMS) in Major Depressive Disorder (MDD). <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2018, 226, 30-44.	0.7	6
874	Effects of a mental stress challenge on brain function in coronary artery disease patients with and without depression.. <i>Health Psychology</i> , 2019, 38, 910-924.	1.3	3
902	On the Nature of Explanations Offered by Network Science: A Perspective From and for Practicing Neuroscientists. <i>Topics in Cognitive Science</i> , 2020, 12, 1272-1293.	1.1	25
903	Tulsa 1000: a naturalistic study protocol for multilevel assessment and outcome prediction in a large psychiatric sample. <i>BMJ Open</i> , 2018, 8, e016620.	0.8	88
904	Staging of cortical and deep grey matter functional connectivity changes in multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 205-210.	0.9	26
905	Generalizable brain network markers of major depressive disorder across multiple imaging sites. <i>PLoS Biology</i> , 2020, 18, e3000966.	2.6	54
906	Serial Prefrontal Pathways Are Positioned to Balance Cognition and Emotion in Primates. <i>Journal of Neuroscience</i> , 2020, 40, 8306-8328.	1.7	22
907	Precision non-implantable neuromodulation therapies: a perspective for the depressed brain. <i>Revista Brasileira De Psiquiatria</i> , 2020, 42, 403-419.	0.9	19
909	Developing the Standard of Care for Post-Concussion Treatment: Neuroimaging-Guided Rehabilitation of Neurovascular Coupling. <i>Open Neuroimaging Journal</i> , 2017, 11, 58-71.	0.2	8
911	The role of RDoC in future classification of mental disorders. <i>Dialogues in Clinical Neuroscience</i> , 2020, 22, 81-85.	1.8	67
912	When and How to Interpret Null Results in NIBS: A Taxonomy Based on Prior Expectations and Experimental Design. <i>Frontiers in Neuroscience</i> , 2018, 12, 915.	1.4	27
913	Will Neuroimaging Produce a Clinical Tool for Psychiatry?. <i>Psychiatric Annals</i> , 2019, 49, 209-214.	0.1	1
914	Modes of Resting Functional Brain Organization Differentiate Suicidal Thoughts and Actions. <i>Journal of Clinical Psychiatry</i> , 2018, 79, .	1.1	18
915	A human translational model based on neuroplasticity for pharmacological agents potentially effective in Treatment-Resistant Depression: focus on dopaminergic system. <i>Neural Regeneration Research</i> , 2020, 15, 1027.	1.6	7
916	Prognostication of chronic disorders of consciousness using brain functional networks and clinical characteristics. <i>ELife</i> , 2018, 7, .	2.8	55
917	Electric field causes volumetric changes in the human brain. <i>ELife</i> , 2019, 8, .	2.8	57
918	Brain structural and functional changes in patients with major depressive disorder: a literature review. <i>PeerJ</i> , 2019, 7, e8170.	0.9	57
919	Translation to the clinic and other modalities. , 2021, , 265-285.		1

#	ARTICLE	IF	CITATIONS
920	Brain-Based Biotypes of Psychiatric Vulnerability in the Acute Aftermath of Trauma. <i>American Journal of Psychiatry</i> , 2021, 178, 1037-1049.	4.0	36
921	Individualizing Representational Similarity Analysis. <i>Frontiers in Psychiatry</i> , 2021, 12, 729457.	1.3	3
923	Individual Differences in the Affective Response to Pandemic-Related Stressors in COVID-19 Health Care Workers. <i>Biological Psychiatry Global Open Science</i> , 2021, 1, 336-344.	1.0	5
924	Altered resting-state functional connectome in major depressive disorder: a mega-analysis from the PsyMRI consortium. <i>Translational Psychiatry</i> , 2021, 11, 511.	2.4	51
925	Electroencephalographic connectivity predicts clinical response to repetitive transcranial magnetic stimulation in patients with insomnia disorder. <i>Sleep Medicine</i> , 2021, 88, 171-179.	0.8	9
926	Moment-to-Moment Brain Signal Variability Reliably Predicts Psychiatric Treatment Outcome. <i>Biological Psychiatry</i> , 2022, 91, 658-666.	0.7	19
927	Distributed Subnetworks of Depression Defined by Direct Intracranial Neurophysiology. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 746499.	1.0	6
928	Coordinate-Based Network Mapping of Brain Structure in Major Depressive Disorder in Younger and Older Adults: A Systematic Review and Meta-Analysis. <i>American Journal of Psychiatry</i> , 2021, 178, 1119-1128.	4.0	30
929	Thalamocortical dysrhythmia in patients with schizophrenia spectrum disorder and individuals at clinical high risk for psychosis. <i>Neuropsychopharmacology</i> , 2022, 47, 673-680.	2.8	8
931	Effectiveness of common antidepressants: a post market release study. <i>EClinicalMedicine</i> , 2021, 41, 101171.	3.2	11
932	Abnormal interhemispheric homotopic functional connectivity is correlated with gastrointestinal symptoms in patients with major depressive disorder. <i>Journal of Psychiatric Research</i> , 2021, 144, 234-240.	1.5	8
934	eMindLog: Self-Measurement of Anxiety and Depression Using Mobile Technology. <i>JMIR Research Protocols</i> , 2017, 6, e98.	0.5	1
939	Dynamic Social Network Modeling of Diffuse Subcellular Morphologies. , 2018, , .		3
940	æŠ'éfç—†èµ·æ°çš,,ä,%oç±»ç†è°èš†èš' <sup>*<sup>. <i>Advances in Psychological Science</i> , 2018, 26, 1041		
945	Impact of Single Nucleotide Polymorphisms on HPA Axis Functionality in Depression. <i>FASEB Journal</i> , 2018, 32, .	0.2	0
955	Imaging Connectomics and the Understanding of Brain Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1192, 139-158.	0.8	0
956	Inter-region Synchronization Analysis Based on Heterogeneous Matrix Similarity Measurement. <i>Lecture Notes in Computer Science</i> , 2019, , 258-272.	1.0	1
957	Deep Discriminant Autoencoder Network for Multi-site fMRI Classification. , 2019, , 227-258.		0

#	ARTICLE	IF	CITATIONS
958	Identification of Functional Connectivity Features in Depression Subtypes Using a Data-Driven Approach. Lecture Notes in Computer Science, 2019, , 96-103.	1.0	0
959	Reproducible, Generalizable Brain Models of Affective Processes. Nebraska Symposium on Motivation, 2019, , 221-263.	0.9	0
960	Qualitative vs. Quantitative Methods in Psychiatric Research: Updated. Methods in Molecular Biology, 2019, 2011, 23-37.	0.4	1
964	Depressive Disorders. , 2019, , .		1
965	Depressive Disorders. , 2019, , .		0
976	Do relational and self-definitional traits influence deep brain stimulation device preference?. Psychoanalytic Psychology, 2019, 36, 313-320.	0.4	1
977	Precision noninvasive brain stimulation: is it precise? Is it needed?. Revista Brasileira De Psiquiatria, 2019, 41, 376-377.	0.9	0
980	Noninvasive Methodology (NMR). , 2020, , 439-453.		0
983	Pathological risk-propensity typifies Mafia membersâ€™ cognitive profile. Scientific Reports, 2020, 10, 8559.	1.6	4
985	Mental health in the UK Biobank: A roadmap to self-report measures and neuroimaging correlates. Human Brain Mapping, 2022, 43, 816-832.	1.9	23
986	Convergence, preliminary findings and future directions across the four human connectome projects investigating mood and anxiety disorders. NeuroImage, 2021, 245, 118694.	2.1	2
987	Population Neuroscience. Mental Health and Illness Worldwide, 2020, , 1-22.	0.1	2
989	The Need for More Integration Between Machine Learning and Neuroscience. Nonlinear Physical Science, 2021, , 9-19.	0.2	1
991	Depression Detection Using Atlas from fMRI Images. , 2020, , .		5
992	Testing the Stability and Validity of an Executive Dysfunction Classification Using Task-Based Assessment in Children and Adolescents. Journal of the American Academy of Child and Adolescent Psychiatry, 2021, 60, 1501-1512.	0.3	3
993	The Unmet Needs for Major Depressive Disorder. , 2020, , 27-38.		5
996	The future of mental health and aging. , 2020, , 447-454.		2
997	Towards an Integration of Information Gleaned from Neuroimaging in Schizophrenia. , 2020, , 427-437.		0

#	ARTICLE	IF	CITATIONS
998	The Design of Clinical Studies for Neuromodulation. , 2020, , 523-540.		0
999	Computational psychiatry: A new perspective on research and clinical applications in depression. Advances in Psychological Science, 2020, 28, 111.	0.2	0
1000	Deep Brain Stimulation for Refractory Depression, Obsessive-Compulsive Disorder and Addiction. Neurology India, 2020, 68, 282.	0.2	5
1007	Brain network effects by continuous theta burst stimulation in mal de d'Arquebent syndrome: simultaneous EEG and fMRI study. Journal of Neural Engineering, 2021, 18, 066025.	1.8	2
1014	A Generalizable Method for Automated Quality Control of Functional Neuroimaging Datasets. Studies in Computational Intelligence, 2021, , 55-68.	0.7	1
1015	Neuroimaging Advances for Depression. Cerebrum: the Dana Forum on Brain Science, 2017, 2017, .	0.1	1
1016	Naltrexone: A History and Future Directions. Cerebrum: the Dana Forum on Brain Science, 2018, 2018, .	0.1	5
1017	Free Wanderer Powder regulates AMPA receptor homeostasis in chronic restraint stress-induced rat model of depression with liver-depression and spleen-deficiency syndrome. Aging, 2020, 12, 19563-19584.	1.4	1
1018	Deep Brain Stimulation for Depression Informed by Intracranial Recordings. Biological Psychiatry, 2022, 92, 246-251.	0.7	58
1020	Differential Impact of Anxious Misery Psychopathology on Multiple Representations of the Functional Connectome. Biological Psychiatry Global Open Science, 2022, 2, 489-499.	1.0	4
1021	Phase-dependent local brain states determine the impact of image-guided TMS on motor network EEG synchronization. Journal of Physiology, 2021, , .	1.3	7
1023	A data-driven framework for mapping domains of human neurobiology. Nature Neuroscience, 2021, 24, 1733-1744.	7.1	29
1024	In search of convergent regional brain abnormality in cognitive emotion regulation: A transdiagnostic neuroimaging meta-analysis. Human Brain Mapping, 2022, 43, 1309-1325.	1.9	6
1025	Aim in Depression and Anxiety. , 2022, , 1-12.		0
1026	Personalizing Repetitive Transcranial Magnetic Stimulation Parameters for Depression Treatment Using Multimodal Neuroimaging. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, 7, 536-545.	1.1	12
1027	Parsing the Network Mechanisms of Electroconvulsive Therapy. Biological Psychiatry, 2022, 92, 193-203.	0.7	24
1028	The meaning of significant mean group differences for biomarker discovery. PLoS Computational Biology, 2021, 17, e1009477.	1.5	26
1029	Poor Separation of Clinical Symptom Profiles by DSM-5 Disorder Criteria. Frontiers in Psychiatry, 2021, 12, 775762.	1.3	11

#	ARTICLE	IF	CITATIONS
1030	Convergence of Clinically Relevant Manipulations on Dopamine-Regulated Prefrontal Activity Underlying Stress Coping Responses. <i>Biological Psychiatry</i> , 2022, 91, 810-820.	0.7	6
1031	Neurophysiological dynamics for psychological resilience: A view from the temporal axis. <i>Neuroscience Research</i> , 2022, 175, 53-61.	1.0	6
1032	Automated pose estimation in primates. <i>American Journal of Primatology</i> , 2022, 84, e23348.	0.8	14
1033	Neuromodulation Strategies for the Treatment of Depression. <i>American Journal of Psychiatry</i> , 2021, 178, 1082-1088.	4.0	16
1034	Machine learning approaches for parsing comorbidity/heterogeneity in antisociality and substance use disorders: A primer. <i>Personality Neuroscience</i> , 2021, 4, e6.	1.3	2
1036	Few-Shot Domain-Adaptive Anomaly Detection for Cross-Site Brain Images. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2024, 46, 1819-1835.	9.7	8
1037	Multidimensional brain-age prediction reveals altered brain developmental trajectory in psychiatric disorders. <i>Cerebral Cortex</i> , 2022, 32, 5036-5049.	1.6	9
1038	Individual interregional perfusion between the left dorsolateral prefrontal cortex stimulation targets and the subgenual anterior cortex predicts response and remission to aiTBS treatment in medication-resistant depression: The influence of behavioral inhibition. <i>Brain Stimulation</i> , 2022, 15, 182-189.	0.7	9
1039	Resting state network connectivity is attenuated by fMRI acoustic noise. <i>NeuroImage</i> , 2022, 247, 118791.	2.1	26
1040	Towards the understanding of state-independent neural traits underlying psychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 133, 104515.	2.9	2
1041	Transformation towards precision psychiatry. <i>Experimental Neurology</i> , 2022, 349, 113955.	2.0	0
1042	Physiologically informed neuromodulation. <i>Journal of the Neurological Sciences</i> , 2022, 434, 120121.	0.3	11
1043	Affective and somatic symptom clusters in depression and their relationship to treatment outcomes in the STAR*D sample. <i>Journal of Affective Disorders</i> , 2022, 300, 469-473.	2.0	2
1044	White matter microstructure associated with anhedonia among individuals with bipolar disorders and high-risk for bipolar disorders. <i>Journal of Affective Disorders</i> , 2022, 300, 91-98.	2.0	4
1045	Free Wanderer Powder regulates AMPA receptor homeostasis in chronic restraint stress-induced rat model of depression with liver-depression and spleen-deficiency syndrome. <i>Aging</i> , 2020, 12, 19563-19584.	1.4	9
1046	Mapping Inter-Individual Functional Connectivity Variability in TMS Targets for Major Depressive Disorder. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1047	Negative Allosteric Modulation of Gamma-Aminobutyric Acid A Receptors at $\hat{1}\pm 5$ Subunit $\hat{1}\pm 5$ Containing Benzodiazepine Sites Reverses Stress-Induced Anhedonia and Weakened Synaptic Function in Mice. <i>Biological Psychiatry</i> , 2022, 92, 216-226.	0.7	14
1048	Fetal Sex-Specific Epigenetic Associations With Prenatal Maternal Depressive Symptoms. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
1049	Mapping the Heterogeneous Brain Structural Phenotype of Autism Spectrum Disorder Using the Normative Model. <i>Biological Psychiatry</i> , 2022, 91, 967-976.	0.7	24
1050	Parsing Heterogeneity in Mood Disorders: The Challenges of Modeling Stable Mood Disorder-Related Functional Connectomes. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 7-9.	1.1	1
1051	A neural network approach to optimising treatments for depression using data from specialist and community psychiatric services in Australia, New Zealand and Japan. <i>Neural Computing and Applications</i> , 2023, 35, 11497-11516.	3.2	4
1052	Response Inhibition and Predicting Response to Pharmacological and Cognitive Behavioral Therapy Treatments for Major Depressive Disorder: A Canadian Biomarker Integration Network for Depression Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2023, 8, 162-170.	1.1	0
1053	Dysfunctional Attitudes Mediate the Relationship Between Childhood Emotional Neglect and Anhedonia in Young Adult Major Depression Patients. <i>Frontiers in Psychiatry</i> , 2022, 13, 791230.	1.3	2
1054	The impacts of HIV infection, age, and education on functional brain networks in adults with HIV. <i>Journal of NeuroVirology</i> , 2022, 28, 265-273.	1.0	3
1055	Shaping plasticity with non-invasive brain stimulation in the treatment of psychiatric disorders: Present and future. <i>Handbook of Clinical Neurology</i> / Edited By PJ Vinken and G W Bruyn, 2022, 184, 497-507.	1.0	6
1056	Transdiagnostic phenotypes of compulsive behavior and associations with psychological, cognitive, and neurobiological affective processing. <i>Translational Psychiatry</i> , 2022, 12, 10.	2.4	7
1057	Multivariate patterns of brain-behavior associations across the adult lifespan. <i>Aging</i> , 2022, 14, 161-194.	1.4	3
1058	Revisiting Hemispheric Asymmetry in Mood Regulation: Implications for rTMS for Major Depressive Disorder. <i>Brain Sciences</i> , 2022, 12, 112.	1.1	10
1059	Alteration of segregation of brain systems in the severe depressive disorder after electroconvulsive therapy. <i>Journal of Affective Disorders Reports</i> , 2022, 7, 100299.	0.9	0
1060	Hyperconnectivity between the posterior cingulate and middle frontal and temporal gyrus in depression: Based on functional connectivity meta-analyses. <i>Brain Imaging and Behavior</i> , 2022, 16, 1538-1551.	1.1	16
1061	Large-scale EEG neural network changes in response to therapeutic TMS. <i>Brain Stimulation</i> , 2022, 15, 316-325.	0.7	8
1062	Computational Approaches to Treatment Response Prediction in Major Depression Using Brain Activity and Behavioral Data: A Systematic Review. <i>Network Neuroscience</i> , 0, , 1-52.	1.4	1
1064	Large-scale structural network change correlates with clinical response to rTMS in depression. <i>Neuropsychopharmacology</i> , 2022, , .	2.8	8
1065	Editorial: <i>Biological Psychology</i> in the rearview mirror-From the clinic to the clinic. <i>Biological Psychology</i> , 2022, 169, 108263.	1.1	0
1066	Associations between anterior cingulate thickness, cingulum bundle microstructure, melancholia and depression severity in unipolar depression. <i>Journal of Affective Disorders</i> , 2022, 301, 437-444.	2.0	16
1067	Toward personalized medicine in connectomic deep brain stimulation. <i>Progress in Neurobiology</i> , 2022, 210, 102211.	2.8	31

#	ARTICLE	IF	CITATIONS
1068	A hierarchical Bayesian model to find brain-behaviour associations in incomplete data sets. <i>NeuroImage</i> , 2022, 249, 118854.	2.1	1
1071	Predicting Treatment Selections for Individuals with Major Depressive Disorder According to Functional Connectivity Subgroups. <i>Brain Connectivity</i> , 2022, 12, 699-710.	0.8	3
1072	Transdiagnostic Symptom Subtypes to Predict Response to Therapeutic Transcranial Magnetic Stimulation in Major Depressive Disorder and Posttraumatic Stress Disorder. <i>Journal of Personalized Medicine</i> , 2022, 12, 224.	1.1	0
1073	Laterality of prefrontal hemodynamic response measured by functional near-infrared spectroscopy before and after repetitive transcranial magnetic stimulation: a potential biomarker of clinical outcome. <i>Psychiatry Research</i> , 2022, 310, 114444.	1.7	2
1074	Diffusion tensor imaging correlates of depressive symptoms in Parkinson disease. <i>Journal of Comparative Neurology</i> , 2022, 530, 1729-1738.	0.9	6
1075	Cognitive function evaluation in premenstrual syndrome during the follicular and luteal phases using near-infrared spectroscopy. <i>Comprehensive Psychoneuroendocrinology</i> , 2022, 10, 100117.	0.7	2
1077	Aim in Depression and Anxiety. , 2022, , 1567-1578.		0
1078	Research Status of the Neural Mechanisms of Mood Disorders and Its Temperament Characteristics. <i>Advances in Social Sciences</i> , 2022, 11, 728-734.	0.0	0
1080	Insight Into the Effects of Clinical Repetitive Transcranial Magnetic Stimulation on the Brain From Positron Emission Tomography and Magnetic Resonance Imaging Studies: A Narrative Review. <i>Frontiers in Neuroscience</i> , 2022, 16, 787403.	1.4	11
1081	Not only pharmacodynamic: the role of brain circuits in improving the treatment of suicidal thoughts and behaviors. <i>Revista Brasileira De Psiquiatria</i> , 2022, 44, 113-113.	0.9	0
1083	Depressive symptoms reduce when dorsolateral prefrontal cortex-precuneus connectivity normalizes after functional connectivity neurofeedback. <i>Scientific Reports</i> , 2022, 12, 2581.	1.6	16
1084	Progress and challenges in research of the mechanisms of anhedonia in major depressive disorder. <i>Annals of General Psychiatry</i> , 2022, 35, e100724.	1.1	19
1085	Significance and stability of deep learning-based identification of subtypes within major psychiatric disorders. <i>Molecular Psychiatry</i> , 2022, 27, 1858-1859.	4.1	4
1086	Interventional neurorehabilitation for promoting functional recovery post-craniotomy: a proof-of-concept. <i>Scientific Reports</i> , 2022, 12, 3039.	1.6	18
1087	Association of Low-Grade Glioma Diagnosis and Management Approach with Mental Health Disorders: A MarketScan Analysis 2005â€“2014. <i>Cancers</i> , 2022, 14, 1376.	1.7	10
1088	Ketamine use disorder: preclinical, clinical, and neuroimaging evidence to support proposed mechanisms of actions. <i>Intelligent Medicine</i> , 2022, 2, 61-68.	1.6	5
1089	The altered multiscale dynamics of spontaneous brain activity in depression with Parkinsonâ€™s disease. <i>Neurological Sciences</i> , 2022, 43, 4211-4219.	0.9	2
1090	Insula network connectivity mediates the association between childhood maltreatment and depressive symptoms in major depressive disorder patients. <i>Translational Psychiatry</i> , 2022, 12, 89.	2.4	11

#	ARTICLE	IF	CITATIONS
1091	A Predictive Coding Framework for Understanding Major Depression. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 787495.	1.0	7
1092	Daily prefrontal closed-loop repetitive transcranial magnetic stimulation (rTMS) produces progressive EEG quasi-alpha phase entrainment in depressed adults. <i>Brain Stimulation</i> , 2022, 15, 458-471.	0.7	14
1093	Time for united action on depression: a Lancetâ€œWorld Psychiatric Association Commission. <i>Lancet</i> , The, 2022, 399, 957-1022.	6.3	292
1094	Multi-level predictors of depression symptoms in the Adolescent Brain Cognitive Development (ABCD) study. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2022, 63, 1523-1533.	3.1	5
1095	Social cognitive network neuroscience. <i>Social Cognitive and Affective Neuroscience</i> , 2022, 17, 510-529.	1.5	8
1096	Age-specificity and generalization of behavior-associated structural and functional networks and their relevance to behavioral domains. <i>Human Brain Mapping</i> , 2022, 43, 2405-2418.	1.9	2
1097	Characterizing Heterogeneity in Neuroimaging, Cognition, Clinical Symptoms, and Genetics Among Patients With Late-Life Depression. <i>JAMA Psychiatry</i> , 2022, 79, 464.	6.0	47
1098	Using causal methods to map symptoms to brain circuits in neurodevelopment disorders: moving from identifying correlates to developing treatments. <i>Journal of Neurodevelopmental Disorders</i> , 2022, 14, 19.	1.5	2
1099	Future directions for cognitive neuroscience in psychiatry: recommendations for biomarker design based on recent test re-test reliability work. <i>Current Opinion in Behavioral Sciences</i> , 2022, 44, 101102.	2.0	6
1100	Linking interindividual variability in brain structure to behaviour. <i>Nature Reviews Neuroscience</i> , 2022, 23, 307-318.	4.9	76
1101	Resting-State Functional Network Topology Alterations of the Occipital Lobe Associated With Attention Impairment in Isolated Rapid Eye Movement Behavior Disorder. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 844483.	1.7	3
1102	Regional amplitude abnormalities in the major depressive disorder: A resting-state fMRI study and support vector machine analysis. <i>Journal of Affective Disorders</i> , 2022, 308, 1-9.	2.0	14
1103	Using graph convolutional network to characterize individuals with major depressive disorder across multiple imaging sites. <i>EBioMedicine</i> , 2022, 78, 103977.	2.7	30
1105	From Computation to Clinic. <i>Biological Psychiatry Global Open Science</i> , 2023, 3, 319-328.	1.0	10
1106	Post-stroke reorganization of transient brain activity characterizes deficits and recovery of cognitive functions. <i>NeuroImage</i> , 2022, 255, 119201.	2.1	10
1107	Imaging versus electrographic connectivity in human mood-related fronto-temporal networks. <i>Brain Stimulation</i> , 2022, 15, 554-565.	0.7	15
1108	Alterations of regional spontaneous neuronal activity and corresponding brain circuits related to non-suicidal self-injury in young adults with major depressive disorder. <i>Journal of Affective Disorders</i> , 2022, 305, 8-18.	2.0	11
1109	Efficiently identifying individuals at high risk for treatment resistance in major depressive disorder using electronic health records. <i>Journal of Affective Disorders</i> , 2022, 306, 254-259.	2.0	7

#	ARTICLE	IF	CITATIONS
1110	A Transdiagnostic Biotype Detection Method for Schizophrenia and Autism Spectrum Disorder Based on Graph Kernel. , 2021, 2021, 3241-3244.		1
1111	Deep Transfer Learning for Parkinsonâ€™s Disease Monitoring by Image-Based Representation of Resting-State EEG Using Directional Connectivity. Algorithms, 2022, 15, 5.	1.2	9
1112	Iron deficiency and internalizing symptom severity in unmedicated adolescents: a pilot study. Psychological Medicine, 2021, , 1-11.	2.7	3
1113	Depressive symptoms following traumatic brain injury are associated with resting-state functional connectivity. Psychological Medicine, 2023, 53, 2698-2705.	2.7	6
1114	Effects of escitalopram therapy on resting-state functional connectivity of subsystems of the default mode network in unmedicated patients with major depressive disorder. Translational Psychiatry, 2021, 11, 634.	2.4	12
1115	Suppressed activity of the rostral anterior cingulate cortex as a biomarker for depression remission. Psychological Medicine, 2023, 53, 2448-2455.	2.7	5
1116	Identification of Depression Subtypes Based on EEG and Machine Learning. , 2021, , .		1
1117	Laboratory models of post-traumatic stress disorder: The elusive bridge to translation. Neuron, 2022, 110, 1754-1776.	3.8	33
1118	Editorial: Improving Diagnosis, Treatment, and Prognosis of Neuropsychiatric Disorders by Leveraging Neuroimaging-based Machine Learning. Frontiers in Neuroscience, 2022, 16, 891337.	1.4	0
1119	Utility of Cognitive Neural Features for Predicting Mental Health Behaviors. Sensors, 2022, 22, 3116.	2.1	8
1140	Steps Towards a Unified Theory of Psychopathology: The Phase Space of Meaning Model.. , 2020, 17, 236-252.		8
1141	Classification of major depressive disorder using an attention-guided unified deep convolutional neural network and individual structural covariance network. Cerebral Cortex, 2023, 33, 2415-2425.	1.6	9
1142	The DIRECT consortium and the REST-meta-MDD project: towards neuroimaging biomarkers of major depressive disorder. Psychoradiology, 2022, 2, 32-42.	1.0	19
1143	Preliminary Evidence of Efficacy and Target Engagement of Pramipexole in Anhedonic Depression. Psychiatric Research and Clinical Practice, 2022, 4, 42-47.	1.3	3
1144	The Problem and Potential of TMS' Infinite Parameter Space: A Targeted Review and Road Map Forward. Frontiers in Psychiatry, 2022, 13, .	1.3	18
1145	Synaptic Mechanisms Regulating Mood State Transitions in Depression. Annual Review of Neuroscience, 2022, 45, 581-601.	5.0	30
1146	Multi-tract multi-symptom relationships in pediatric concussion. ELife, 2022, 11, .	2.8	5
1147	Temporal Cross-Graph Network for Brain Functional Activity Prediction. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
1148	A convergent structureâ€“function substrate of cognitive imbalances in autism. <i>Cerebral Cortex</i> , 2023, 33, 1566-1580.	1.6	9
1149	Understanding Pain and Trauma Symptoms in Veterans From Resting-State Connectivity: Unsupervised Modeling. <i>Frontiers in Pain Research</i> , 2022, 3, .	0.9	3
1150	Rest-fMRI based comparison study between autism spectrum disorder and typically control using graph frequency bands. <i>Computers in Biology and Medicine</i> , 2022, 146, 105643.	3.9	6
1151	Prefrontal-amygdalar oscillations related to social behavior in mice. <i>ELife</i> , 2022, 11, .	2.8	27
1152	Clinical, Brain, and Multilevel Clustering in Early Psychosis and Affective Stages. <i>JAMA Psychiatry</i> , 2022, 79, 677.	6.0	6
1153	Alterations in Structural and Functional Connectivity in ADHD: Implications for Theories of ADHD. <i>Current Topics in Behavioral Neurosciences</i> , 2022, , 445-481.	0.8	5
1154	The Role of Visual Experience in Individual Differences of Brain Connectivity. <i>Journal of Neuroscience</i> , 2022, 42, 5070-5084.	1.7	9
1155	Circuit-Targeted Neuromodulation for Anhedonia. <i>Current Topics in Behavioral Neurosciences</i> , 2022, , 515-535.	0.8	6
1156	Repetitive Transcranial Magnetic Stimulation-Associated Changes in Neocortical Metabolites in Major Depression: A Systematic Review. <i>NeuroImage: Clinical</i> , 2022, 35, 103049.	1.4	10
1158	TMS Database Registry Consortium Research Project in Japan (TReC-J) for Future Personalized Psychiatry. <i>Journal of Personalized Medicine</i> , 2022, 12, 844.	1.1	8
1159	Functional MRI in major depressive disorder: A review of findings, limitations, and future prospects. <i>Journal of Neuroimaging</i> , 2022, 32, 582-595.	1.0	12
1160	A high-density theta burst paradigm enhances the aftereffects of transcranial magnetic stimulation: Evidence from focal stimulation of rat motor cortex. <i>Brain Stimulation</i> , 2022, 15, 833-842.	0.7	6
1161	Eyes-closed versus eyes-open differences in spontaneous neural dynamics during development. <i>NeuroImage</i> , 2022, 258, 119337.	2.1	11
1162	An Interpretable and Predictive Connectivity-Based Neural Signature forÂChronicÂCannabis Use. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2023, 8, 320-330.	1.1	4
1163	Stabilometric Biofeedback Training in Cognitive and Affective Function Improvement. Contribution of the Russian Scientific School. Part II. <i>Human Physiology</i> , 2022, 48, 271-284.	0.1	1
1164	Morphometric and Functional Changes of the Brain in Mental Disorders and Their Dynamics during Drug Treatment. <i>Human Physiology</i> , 2022, 48, 306-312.	0.1	1
1165	A Neural Predictive Model of Negative Emotions for COVID-19. <i>IEEE Transactions on Affective Computing</i> , 2023, 14, 2646-2656.	5.7	6
1169	Predicting the future of neuroimaging predictive models in mental health. <i>Molecular Psychiatry</i> , 2022, 27, 3129-3137.	4.1	14

#	ARTICLE	IF	CITATIONS
1170	Two distinct subtypes of obsessive compulsive disorder revealed by a framework integrating multimodal neuroimaging information. <i>Human Brain Mapping</i> , 2022, 43, 4254-4265.	1.9	11
1171	A longitudinal multi-scanner multimodal human neuroimaging dataset. <i>Scientific Data</i> , 2022, 9, .	2.4	3
1173	Contribution of the Opioid System to the Antidepressant Effects of Fluoxetine. <i>Biological Psychiatry</i> , 2022, 92, 952-963.	0.7	7
1174	Identifying alcohol misuse biotypes from neural connectivity markers and concurrent genetic associations. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	8
1175	Altered spontaneous brain activity in major depressive disorder: An activation likelihood estimation meta-analysis. <i>Journal of Affective Disorders</i> , 2022, 314, 19-26.	2.0	9
1176	Functional individual variability development of the neonatal brain. <i>Brain Structure and Function</i> , 2022, 227, 2181-2190.	1.2	0
1177	Mapping Inter-individual Functional Connectivity Variability in TMS Targets for Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	12
1178	Induced neural progenitor cells and iPSC-neurons from major depressive disorder patients show altered bioenergetics and electrophysiological properties. <i>Molecular Psychiatry</i> , 0, , .	4.1	5
1179	Clinical and biological subtypes of late-life depression. <i>Journal of Affective Disorders</i> , 2022, 312, 46-53.	2.0	4
1180	Abnormal Brain Topological Structure of Mild Depression During Visual Search Processing Based on EEG Signals. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2022, 30, 1705-1715.	2.7	4
1181	Resting-state functional connectivity patterns associated with childhood maltreatment in a large bicentric cohort of adults with and without major depression. <i>Psychological Medicine</i> , 2023, 53, 4720-4731.	2.7	7
1182	Three Dimensions of Association Link Migraine Symptoms and Functional Connectivity. <i>Journal of Neuroscience</i> , 2022, 42, 6156-6166.	1.7	6
1183	Cognitive Challenges Are Better in Distinguishing Binge From Nonbinge Drinkers: An Exploratory Deepâ€Learning Study of <scp>fMRI</scp> Data of Multiple Behavioral Tasks and Resting State. <i>Journal of Magnetic Resonance Imaging</i> , 0, , .	1.9	2
1186	Predicting escitalopram treatment response from pre-treatment and early response resting state fMRI in a multi-site sample: A CAN-BIND-1 report. <i>NeuroImage: Clinical</i> , 2022, 35, 103120.	1.4	8
1187	Lifespan associations of resting-state brain functional networks with ADHD symptoms. <i>IScience</i> , 2022, 25, 104673.	1.9	5
1188	Is Neuroplasticity Key to Treatment Response in Depression? Maybe So. <i>American Journal of Psychiatry</i> , 2022, 179, 451-453.	4.0	5
1189	Interpreting Brain Biomarkers: Challenges and solutions in interpreting machine learning-based predictive neuroimaging. <i>IEEE Signal Processing Magazine</i> , 2022, 39, 107-118.	4.6	11
1190	Meta-analytic evidence that mindfulness training alters resting state default mode network connectivity. <i>Scientific Reports</i> , 2022, 12, .	1.6	12

#	ARTICLE	IF	CITATIONS
1191	Early Effects of Repetitive Transcranial Magnetic Stimulation Combined With Sertraline in Adolescents With First-Episode Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	6
1192	Neuromodulation Treatments of Pathological Anxiety in Anxiety Disorders, Stressor-Related Disorders, and Major Depressive Disorder: A Dimensional Systematic Review and Meta-Analysis. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	0
1193	Identifying the Subtypes of Major Depressive Disorder Based on Somatic Symptoms: A Longitudinal Study Using Latent Profile Analysis. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	3
1194	A transdiagnostic review of safety, efficacy, and parameter space in accelerated transcranial magnetic stimulation. <i>Journal of Psychiatric Research</i> , 2022, 152, 384-396.	1.5	18
1195	Novel Antidepressant-Like Properties of the Iron Chelator Deferiprone in a Mouse Model of Depression. <i>Neurotherapeutics</i> , 2022, 19, 1662-1685.	2.1	3
1196	Mental Activity as the Bridge between Neural Biomarkers and Symptoms of Psychiatric Illness. <i>Clinical EEG and Neuroscience</i> , 2023, 54, 399-408.	0.9	0
1197	Anhedonia in Depression and Schizophrenia: Brain Reward and Aversion Circuits. <i>Neuropsychiatric Disease and Treatment</i> , 0, Volume 18, 1385-1396.	1.0	8
1198	Peri-Ictal Changes in Depression and Anxiety in Persons With Epileptic and Non-epileptic Seizures. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	2
1199	Contrasting the amygdala activity and functional connectivity profile between antidepressant-free participants with major depressive disorder and healthy controls: A systematic review of comparative fMRI studies. <i>Psychiatry Research - Neuroimaging</i> , 2022, 325, 111517.	0.9	9
1200	Aberrant brain connectivity is associated with childhood maltreatment in individuals with major depressive disorder. <i>Brain Imaging and Behavior</i> , 2022, 16, 2021-2036.	1.1	3
1201	Toward Precision Medicine in ADHD. <i>Frontiers in Behavioral Neuroscience</i> , 0, 16, .	1.0	16
1202	Altered Brain Function in Treatment-Resistant and Non-treatment-resistant Depression Patients: A Resting-State Functional Magnetic Resonance Imaging Study. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	5
1204	Efficacy of Repetitive Transcranial Magnetic Stimulation on Comorbid Anxiety and Depression Symptoms in Obsessive-Compulsive Disorder: A Meta-Analysis of Randomized Sham-Controlled Trials. <i>Canadian Journal of Psychiatry</i> , 2023, 68, 407-417.	0.9	2
1206	The neurophysiological effect of NMDA-R antagonism of frontotemporal lobar degeneration is conditional on individual GABA concentration. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	0
1207	The default mode network, depression and Alzheimer's disease. <i>International Psychogeriatrics</i> , 2022, 34, 675-678.	0.6	2
1208	Lateralized brain activities in subcortical vascular mild cognitive impairment with differential Chinese medicine patterns: A resting-state functional magnetic resonance imaging study. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	0
1209	Memory-related neurophysiological mechanisms in the hippocampus underlying stress susceptibility. <i>Neuroscience Research</i> , 2022, , .	1.0	1
1211	From descriptive connectome to mechanistic connectome: Generative modeling in functional magnetic resonance imaging analysis. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	5

#	ARTICLE	IF	CITATIONS
1212	Canonical Correlation Analysis and Partial Least Squares for Identifying Brain-Behavior Associations: A Tutorial and a Comparative Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 1055-1067.	1.1	13
1213	Depressive rumination and heart rate variability: A pilot study on the effect of biofeedback on rumination and its physiological concomitants. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	0
1214	Functional neuroimaging in psychiatry and the case for failing better. <i>Neuron</i> , 2022, 110, 2524-2544.	3.8	36
1215	Classification model with weighted regularization to improve the reproducibility of neuroimaging signature selection. <i>Statistics in Medicine</i> , 2022, 41, 5046-5060.	0.8	0
1216	Understanding the neurobiological basis of anhedonia in major depressive disorder – evidence for reduced neural activation during reward and loss processing. <i>Journal of Psychiatry and Neuroscience</i> , 2022, 47, E284-E292.	1.4	0
1217	Brain metabolic changes and clinical response to superolateral medial forebrain bundle deep brain stimulation for treatment-resistant depression. <i>Molecular Psychiatry</i> , 2022, 27, 4561-4567.	4.1	8
1218	Functional Connectivity of the Nucleus Accumbens and Changes in Appetite in Patients With Depression. <i>JAMA Psychiatry</i> , 2022, 79, 993.	6.0	16
1219	Brain-phenotype models fail for individuals who defy sample stereotypes. <i>Nature</i> , 2022, 609, 109-118.	13.7	55
1220	Leveraging Machine Learning for Gaining Neurobiological and Nosological Insights in Psychiatric Research. <i>Biological Psychiatry</i> , 2023, 93, 18-28.	0.7	12
1221	Resolving heterogeneity in depression using individualized structural covariance network analysis. <i>Psychological Medicine</i> , 2023, 53, 5312-5321.	2.7	8
1222	Fetal sex-specific epigenetic associations with prenatal maternal depressive symptoms. <i>IScience</i> , 2022, 25, 104860.	1.9	2
1224	Shared and distinct functional connectivity of hippocampal subregions in schizophrenia, bipolar disorder, and major depressive disorder. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	2
1225	A Dynamic Approach to Depression Treatment Prediction. <i>Biological Psychiatry</i> , 2022, 92, 526-527.	0.7	3
1226	A graph theory neuroimaging approach to distinguish the depression of bipolar disorder from major depressive disorder in adolescents and young adults. <i>Journal of Affective Disorders</i> , 2022, 319, 15-26.	2.0	5
1227	Childhood experiences of threat and deprivation predict distinct depressive symptoms: A parallel latent growth curve model. <i>Journal of Affective Disorders</i> , 2022, 319, 244-251.	2.0	6
1228	Distinct patterns of functional brain network integration between treatment-resistant depression and non treatment-resistant depression: A resting-state functional magnetic resonance imaging study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2023, 120, 110621.	2.5	7
1229	Interpretable Signature of Consciousness in Resting-State Functional Network Brain Activity. <i>Lecture Notes in Computer Science</i> , 2022, , 261-270.	1.0	3
1230	Adolescent depression and resting-state fMRI brain networks: a scoping review of longitudinal studies. <i>Revista Brasileira De Psiquiatria</i> , 2022, , .	0.9	2

#	ARTICLE	IF	CITATIONS
1231	Machine learning approaches for diagnosing depression using EEG: A review. <i>Translational Neuroscience</i> , 2022, 13, 224-235.	0.7	7
1232	EEG Biomarkers to Predict Response to Sertraline and Placebo Treatment in Major Depressive Disorder. <i>IEEE Transactions on Biomedical Engineering</i> , 2023, 70, 909-919.	2.5	1
1233	rs-fMRI Analysis Using Spatio-Temporal Sparse Convolutional Neural Networks. , 2022, , .		0
1235	Plasticity of synapses and reward circuit function in the genesis and treatment of depression. <i>Neuropsychopharmacology</i> , 2023, 48, 90-103.	2.8	8
1237	One Size Does Not Fit All: Methodological Considerations for Brain-Based Predictive Modeling in Psychiatry. <i>Biological Psychiatry</i> , 2023, 93, 717-728.	0.7	22
1238	Transcutaneous auricular vagus nerve immediate stimulation treatment for treatment-resistant depression: A functional magnetic resonance imaging study. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	3
1239	Relationship between nuclei-specific amygdala connectivity and mental health dimensions in humans. <i>Nature Human Behaviour</i> , 2022, 6, 1705-1722.	6.2	19
1240	Alterations of functional connectivity of the lateral habenula in subclinical depression and major depressive disorder. <i>BMC Psychiatry</i> , 2022, 22, .	1.1	5
1241	Investigation of Neurofunctional Changes Over the Course of Electroconvulsive Therapy. <i>International Journal of Neuropsychopharmacology</i> , 2023, 26, 20-31.	1.0	1
1242	Neuronavigation maximizes accuracy and precision in TMS positioning: Evidence from 11,230 distance, angle, and electric field modeling measurements. <i>Brain Stimulation</i> , 2022, 15, 1192-1205.	0.7	21
1243	Regional gene expression signatures are associated with sex-specific functional connectivity changes in depression. <i>Nature Communications</i> , 2022, 13, .	5.8	16
1244	Segregation, integration and balance in resting-state brain functional networks associated with bipolar disorder symptoms. <i>Human Brain Mapping</i> , 2023, 44, 599-611.	1.9	10
1245	A landmark-based approach to locate symptom-specific transcranial magnetic stimulation targets of depression. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	1
1246	Mapping the structure of depression biomarker research: A bibliometric analysis. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	2
1247	Transdiagnostic connectome signatures from resting-state fMRI predict individual-level intellectual capacity. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	6
1248	Clusterwise Independent Component Analysis (C-ICA): Using fMRI resting state networks to cluster subjects and find neurofunctional subtypes. <i>Journal of Neuroscience Methods</i> , 2022, 382, 109718.	1.3	2
1249	Functional connectivity subtypes associate robustly with ASD diagnosis. <i>ELife</i> , 0, 11, .	2.8	5
1250	Structural alterations of the insula in depression patients – A 7-Tesla-MRI study. <i>NeuroImage: Clinical</i> , 2022, 36, 103249.	1.4	4

#	ARTICLE	IF	CITATIONS
1251	Baseline patterns of resting functional connectivity within posterior default-mode intranetwork associated with remission to antidepressants in major depressive disorder. <i>NeuroImage: Clinical</i> , 2022, 36, 103230.	1.4	2
1252	Early remission in multiple sclerosis is linked to altered coherence of the Cerebellar Network. <i>Journal of Translational Medicine</i> , 2022, 20, .	1.8	2
1253	Artificial intelligence-assisted psychosis risk screening in adolescents: Practices and challenges. <i>World Journal of Psychiatry</i> , 0, 12, 1287-1297.	1.3	25
1255	Dysfunctional Cortical Gradient Topography in Treatment-Resistant Major Depressive Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2023, 8, 928-939.	1.1	2
1256	Monoaminergic network abnormalities: a marker for multiple sclerosis-related fatigue and depression. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2023, 94, 94-101.	0.9	8
1257	Recent advances in psychoradiology. <i>Physics in Medicine and Biology</i> , 2022, 67, 23TR01.	1.6	19
1258	Geometric learning of functional brain network on the correlation manifold. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
1259	Personalized rTMS for Depression: A Review. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, , .	1.1	2
1262	Invasive Computational Psychiatry. <i>Biological Psychiatry</i> , 2023, 93, 661-670.	0.7	4
1266	Altered coordination between frontal delta and parietal alpha networks underlies anhedonia and depressive rumination in major depressive disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2022, 47, E367-E378.	1.4	4
1267	Topological analysis of brain dynamics in autism based on graph and persistent homology. <i>Computers in Biology and Medicine</i> , 2022, 150, 106202.	3.9	1
1268	Partly recovery and compensation in anterior cingulate cortex after SSRI treatment—evidence from multi-voxel pattern analysis over resting state fMRI in depression. <i>Journal of Affective Disorders</i> , 2023, 320, 404-412.	2.0	1
1269	Transcranial Alternating Current Stimulation (tACS) for Major Depressive Disorder. <i>Psychiatric Annals</i> , 2022, 52, 456-460.	0.1	1
1270	Interpretation for Individual Brain Age Prediction Based on Gray Matter Volume. <i>Brain Sciences</i> , 2022, 12, 1517.	1.1	2
1271	The miR-124-AMPA pathway connects polygenic risks with behavioral changes shared between schizophrenia and bipolar disorder. <i>Neuron</i> , 2023, 111, 220-235.e9.	3.8	14
1272	Modern views of machine learning for precision psychiatry. <i>Patterns</i> , 2022, 3, 100602.	3.1	30
1273	Astrocyte dysfunction drives abnormal resting-state functional connectivity in depression. <i>Science Advances</i> , 2022, 8, .	4.7	10
1274	Individualized functional connectome identified generalizable biomarkers for psychiatric symptoms in transdiagnostic patients. <i>Neuropsychopharmacology</i> , 2023, 48, 633-641.	2.8	5

#	ARTICLE	IF	CITATIONS
1275	Towards a multidimensional model of inflamed depression. <i>Brain, Behavior, & Immunity - Health</i> , 2022, 26, 100564.	1.3	2
1276	Non-REM sleep in major depressive disorder. <i>NeuroImage: Clinical</i> , 2022, 36, 103275.	1.4	3
1277	Human fear neurobiology reimaged: Can brain-derived biotypes predict fear-based disorders after trauma?. <i>Neuroscience and Biobehavioral Reviews</i> , 2023, 144, 104988.	2.9	3
1278	Rostral anterior cingulate connectivity in older adults with subthreshold depressive symptoms: A preliminary study. <i>Aging Brain</i> , 2023, 3, 100059.	0.7	0
1279	Broadening the Use of Machine Learning in Psychiatry. <i>Biological Psychiatry</i> , 2023, 93, 4-5.	0.7	0
1280	Unsupervised cross-domain functional MRI adaptation for automated major depressive disorder identification. <i>Medical Image Analysis</i> , 2023, 84, 102707.	7.0	12
1281	Quantitative magnetic resonance spectroscopy of depression: The value of short-term metabolite changes in predicting treatment response. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	0
1282	Gabrb3 is required for the functional integration of pyramidal neuron subtypes in the somatosensory cortex. <i>Neuron</i> , 2023, 111, 256-274.e10.	3.8	7
1283	The Downstaging Concept in Treatment-Resistant Depression: Spotlight on Ketamine. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14605.	1.8	6
1284	Computational models of subjective feelings in psychiatry. <i>Neuroscience and Biobehavioral Reviews</i> , 2023, 145, 105008.	2.9	9
1285	Editorial: The development of biomarkers in psychiatry. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	0
1286	The Aversive Lens: Stress effects on the prefrontal-cingulate cortical pathways that regulate emotion. <i>Neuroscience and Biobehavioral Reviews</i> , 2023, 145, 105000.	2.9	11
1287	Antidepressant effects of prolonged intermittent theta-burst stimulation monotherapy at the bilateral dorsomedial prefrontal cortex for medication and standard transcranial magnetic stimulation-resistant major depression: a three arm, randomized, double blind, sham-controlled pilot study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2023, 273, 1433-1442.	1.8	1
1289	Efficacy and safety of transcranial magnetic stimulation for treating major depressive disorder: An umbrella review and re-analysis of published meta-analyses of randomised controlled trials. <i>Clinical Psychology Review</i> , 2023, 100, 102236.	6.0	4
1291	Neurobiological mechanisms and related clinical treatment of addiction: a review. <i>Psychoradiology</i> , 2022, 2, 180-189.	1.0	3
1293	Structural filtering of functional data offered discriminative features for autism spectrum disorder. <i>PLoS ONE</i> , 2022, 17, e0277989.	1.1	0
1294	Disrupted effective connectivity of the default, salience and dorsal attention networks in major depressive disorder: a study using spectral dynamic causal modelling of resting-state fMRI. <i>Journal of Psychiatry and Neuroscience</i> , 2022, 47, E421-E434.	1.4	4
1295	Chronic Mild Traumatic Brain Injury: Aberrant Static and Dynamic Connectomic Features Identified Through Machine Learning Model Fusion. <i>Neuroinformatics</i> , 2023, 21, 427-442.	1.5	2

#	ARTICLE	IF	CITATIONS
1296	Acute TMS/fMRI response explains offline TMS network effects “ An interleaved TMS-fMRI study. <i>NeuroImage</i> , 2023, 267, 119833.	2.1	11
1298	Translating Big Data to Clinical Outcomes in Anxiety: Potential for Multimodal Integration. <i>Current Psychiatry Reports</i> , 2022, 24, 841-851.	2.1	0
1299	Toward Mapping Neurobehavioral Heterogeneity of Psychedelic Neurobiology in Humans. <i>Biological Psychiatry</i> , 2023, 93, 1061-1070.	0.7	23
1300	AI and Big Data for Therapeutic Strategies in Psychiatry. <i>Integrated Science</i> , 2022, , 167-181.	0.1	0
1301	Characterizing Heterogeneity in Early Adolescent Reward Networks and Individualized Associations with Behavioral and Clinical Outcomes. <i>Network Neuroscience</i> , 0, , 1-48.	1.4	1
1302	Explainable artificial intelligence for mental health through transparency and interpretability for understandability. <i>Npj Digital Medicine</i> , 2023, 6, .	5.7	30
1303	Targeting the pathological network: Feasibility of network-based optimization of transcranial magnetic stimulation coil placement for treatment of psychiatric disorders. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	6
1305	The foundation and architecture of precision medicine in neurology and psychiatry. <i>Trends in Neurosciences</i> , 2023, 46, 176-198.	4.2	29
1306	Alpha Event-Related Desynchronization During Reward Processing in Schizophrenia. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2023, 8, 551-559.	1.1	2
1308	Adaptive noise depression for functional brain network estimation. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	0
1309	Data driven clusters derived from resting state functional connectivity: Findings from the EMBARC study. <i>Journal of Psychiatric Research</i> , 2023, 158, 150-156.	1.5	4
1310	Inflammation and cognition in severe mental illness: patterns of covariation and subgroups. <i>Molecular Psychiatry</i> , 2023, 28, 1284-1292.	4.1	6
1311	Contributions of human amygdala nuclei to resting-state networks. <i>PLoS ONE</i> , 2022, 17, e0278962.	1.1	4
1312	Current Approaches in Computational Psychiatry for the Data-Driven Identification of Brain-Based Subtypes. <i>Biological Psychiatry</i> , 2023, 93, 704-716.	0.7	11
1313	The genetic basis of major depressive disorder. <i>Molecular Psychiatry</i> , 2023, 28, 2254-2265.	4.1	28
1314	Prefrontal Cortical (PFC) circuits. , 2023, , 125-169.		0
1315	Functional connectivity changes between amygdala and prefrontal cortex after ECT are associated with improvement in distinct depressive symptoms. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2023, 273, 1489-1499.	1.8	1
1316	Mapping Brain Networks Using Multimodal Data. , 2023, , 2975-3025.		0

#	ARTICLE	IF	CITATIONS
1317	Neuroinnovation in Medicine: History and Future. , 2023, , 13-55.		0
1318	Brain-Machine Interfaces for Closed-Loop Electrical Brain Stimulation in Neuropsychiatric Disorders. , 2023, , 1317-1342.		0
1320	Pursuing personalized medicine for depression by targeting the lateral or medial prefrontal cortex with Deep TMS. JCI Insight, 2023, 8, .	2.3	7
1321	AI-based dimensional neuroimaging system for characterizing heterogeneity in brain structure and function in major depressive disorder: COORDINATE-MDD consortium design and rationale. BMC Psychiatry, 2023, 23, .	1.1	1
1322	Pre- and post-task resting-state differs in clinical populations. NeuroImage: Clinical, 2023, 37, 103345.	1.4	2
1323	Decoding Depression Severity From Intracranial Neural Activity. Biological Psychiatry, 2023, 94, 445-453.	0.7	14
1324	Dysconnection and cognition in schizophrenia: A spectral dynamic causal modeling study. Human Brain Mapping, 2023, 44, 2873-2896.	1.9	4
1325	Functional connectivity signatures of major depressive disorder: machine learning analysis of two multicenter neuroimaging studies. Molecular Psychiatry, 2023, 28, 3013-3022.	4.1	11
1326	Heterogeneous brain dynamic functional connectivity patterns in first-episode drug-naïve patients with major depressive disorder. Human Brain Mapping, 2023, 44, 3112-3122.	1.9	3
1327	Disentangling disorder-specific variation is key for precision psychiatry in autism. Frontiers in Behavioral Neuroscience, 0, 17, .	1.0	0
1328	Functional connectivity analysis of the depression connectome provides potential markers and targets for transcranial magnetic stimulation. Journal of Affective Disorders, 2023, 329, 539-547.	2.0	4
1329	Linking individual variability in functional brain connectivity to polygenic risk in major depressive disorder. Journal of Affective Disorders, 2023, 329, 55-63.	2.0	2
1330	Transcranial focused ultrasound modulates the emergence of learned helplessness via midline theta modification. Journal of Affective Disorders, 2023, 329, 273-284.	2.0	4
1331	An automated platform for Assessing Working Memory and prefrontal circuit function. Neurobiology of Stress, 2023, 24, 100518.	1.9	3
1332	Population modeling with machine learning can enhance measures of mental health - Open-data replication. NeuroImage Reports, 2023, 3, 100163.	0.5	1
1333	Preclinical perspectives on the mechanisms underlying the therapeutic actions of psilocybin in psychiatric disorders. Neuropharmacology, 2023, 231, 109504.	2.0	7
1334	Decreased dorsal attention network homogeneity as a potential neuroimaging biomarker for major depressive disorder. Journal of Affective Disorders, 2023, 332, 136-142.	2.0	2
1335	Distinguishing between bipolar depression and unipolar depression based on the reward circuit activities and clinical characteristics: A machine learning analysis. Journal of Affective Disorders, 2023, 327, 46-53.	2.0	2

#	ARTICLE	IF	CITATIONS
1336	Real world transcranial magnetic stimulation for major depression: A multisite, naturalistic, retrospective study. <i>Journal of Affective Disorders</i> , 2023, 326, 26-35.	2.0	5
1337	Effects of 12-week escitalopram treatment on resting-state functional connectivity of large-scale brain networks in major depressive disorder. <i>Human Brain Mapping</i> , 2023, 44, 2572-2584.	1.9	3
1340	New and emerging approaches to treat psychiatric disorders. <i>Nature Medicine</i> , 2023, 29, 317-333.	15.2	22
1341	Biological subtyping of psychiatric syndromes as a pathway for advances in drug discovery and personalized medicine. , 2023, 1, 88-99.		7
1342	Multimodal brain connectome-based prediction of suicide risk in people with late-life depression. , 2023, 1, 100-113.		6
1344	Effects of exogenous oxytocin and estradiol on resting-state functional connectivity in women and men. <i>Scientific Reports</i> , 2023, 13, .	1.6	3
1345	Synapses, predictions, and prediction errors: A neocortical computational study of MDD using the temporal memory algorithm of HTM. <i>Frontiers in Psychiatry</i> , 0, 14, .	1.3	0
1346	fMRI study of implicit emotional face processing in patients with MDD with melancholic subtype. <i>Frontiers in Human Neuroscience</i> , 0, 17, .	1.0	1
1347	Nichtinvasive Hirnstimulationsverfahren. , 2022, , 331-357.		0
1349	Biotypes of major depressive disorder identified by a multiview clustering framework. <i>Journal of Affective Disorders</i> , 2023, 329, 257-272.	2.0	2
1350	Apathy in melancholic depression and abnormal neural activity within the reward-related circuit. <i>Behavioural Brain Research</i> , 2023, 444, 114379.	1.2	3
1351	Discovering Themes in Deep Brain Stimulation Research Using Explainable Artificial Intelligence. <i>Biomedicines</i> , 2023, 11, 771.	1.4	2
1353	Identification of shared and distinct patterns of brain network abnormality across mental disorders through individualized structural covariance network analysis. <i>Psychological Medicine</i> , 0, , 1-12.	2.7	4
1354	Predictive neuromodulation of cingulo-frontal neural dynamics in major depressive disorder using a brain-computer interface system: A simulation study. <i>Frontiers in Computational Neuroscience</i> , 0, 17, .	1.2	4
1355	Insomnia and treatment-resistant depression. <i>Progress in Brain Research</i> , 2023, , .	0.9	0
1356	A 5-min paradigm to evoke robust emotional reactivity in neuroimaging studies. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	1
1357	Tensorial independent component analysis reveals social and reward networks associated with major depressive disorder. <i>Human Brain Mapping</i> , 2023, 44, 2905-2920.	1.9	1
1361	An agile, data-driven approach for target selection in rTMS therapy for anxiety symptoms: Proof of concept and preliminary data for two novel targets. <i>Brain and Behavior</i> , 2023, 13, .	1.0	4

#	ARTICLE	IF	CITATIONS
1363	Brain connectivity, behavior flag four autism subtypes. <i>Spectrum</i> , 0, , .	0.0	0
1364	Whole-brain mapping of effective connectivity by fMRI with cortex-wide patterned optogenetics. <i>Neuron</i> , 2023, 111, 1732-1747.e6.	3.8	7
1365	Artificial intelligence in adolescents mental health disorder diagnosis, prognosis, and treatment. <i>Frontiers in Public Health</i> , 0, 11, .	1.3	2
1366	A transdiagnostic systematic review and meta-analysis of ketamine's anxiolytic effects. <i>Journal of Psychopharmacology</i> , 0, , 026988112311616.	2.0	0
1367	Deep Brain Stimulation for Obsessive-Compulsive Disorder and Depression. <i>Annual Review of Neuroscience</i> , 2023, 46, 341-358.	5.0	8
1369	Time for Brain Medicine. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2023, 35, 333-340.	0.9	3
1370	Resting-state theta phase-gamma amplitude coupling as a biomarker for the transdiagnostic dimensional approach in psychiatric disorders. <i>Psychiatry and Clinical Neurosciences</i> , 0, , .	1.0	1
1371	Functional connectivity changes between frontopolar cortex and nucleus accumbens following cognitive behavioral therapy in major depression: A randomized clinical trial. <i>Psychiatry Research - Neuroimaging</i> , 2023, 332, 111643.	0.9	1
1372	Machine learning-based identification of a psychotherapy-predictive electroencephalographic signature in PTSD. , 2023, 1, 284-294.		3
1373	Integrating genetics and transcriptomics to study major depressive disorder: a conceptual framework, bioinformatic approaches, and recent findings. <i>Translational Psychiatry</i> , 2023, 13, .	2.4	3
1374	Hippocampal sharp wave ripples underlie stress susceptibility in male mice. <i>Nature Communications</i> , 2023, 14, .	5.8	4
1375	The sex-dependent response to psychosocial stress and ischaemic heart disease. <i>Frontiers in Cardiovascular Medicine</i> , 0, 10, .	1.1	6
1386	Applications of fMRI to Psychiatry. , 2023, , 799-817.		0
1392	Application of Artificial Intelligence in Mental Health. <i>Lecture Notes in Networks and Systems</i> , 2023, , 128-141.	0.5	1
1398	D'pression r'sistante aux traitements. , 2023, , 85-121.		0
1406	Classification of Stroke Using Machine Learning Techniques: Review Study. , 2023, , .		0
1408	Utility of Computational Approaches for Precision Psychiatry: Applications to Substance Use Disorders. <i>Neuroinformatics</i> , 2023, , 211-231.	0.2	0
1411	Functional Neuroradiology of Psychiatric Diseases. , 2023, , 393-406.		0

#	ARTICLE	IF	CITATIONS
1412	No time to lose: the current state of research in rapid-acting psychotherapeutics. <i>Neuropsychopharmacology</i> , 0, , .	2.8	1
1417	Closing the loop in psychiatric deep brain stimulation: physiology, psychometrics, and plasticity. <i>Neuropsychopharmacology</i> , 2024, 49, 138-149.	2.8	3
1419	Network comparisons and their applications in connectomics. , 2023, , 173-199.		0
1427	Machine Learning and Brain Imaging for Psychiatric Disorders: New Perspectives. <i>Neuromethods</i> , 2023, , 1009-1036.	0.2	0
1428	Subtyping Brain Diseases from Imaging Data. <i>Neuromethods</i> , 2023, , 491-510.	0.2	1
1440	Novel mechanism-based treatments for pediatric anxiety and depressive disorders. <i>Neuropsychopharmacology</i> , 2024, 49, 262-275.	2.8	1
1454	A Blueprint for Next Generation of Clinical Trials in Precision Psychiatry. , 2024, , 83-91.		0
1461	Neurobiology of Anxiety Disorders. , 2023, , 1-43.		0
1476	Biomarker-driven stratified psychiatry: from stepped-care to matched-care in mental health. , 2023, 1, 917-919.		0
1495	Neurophysiological Biomarkers. , 2023, , 37-54.		0
1499	Drug targeting in psychiatric disorders â€” how to overcome the loss in translation?. <i>Nature Reviews Drug Discovery</i> , 2024, 23, 218-231.	21.5	0
1506	Multi-source Information Fusion for Depression Detection. <i>Lecture Notes in Computer Science</i> , 2024, , 517-528.	1.0	0
1514	Addiction biotypes: a paradigm shift for future treatment strategies?. <i>Molecular Psychiatry</i> , 0, , .	4.1	0
1515	The transdiagnostic model of mental illness and cognitive dysfunction. , 2024, , 133-149.		0
1524	Connectomic strategies for depression and anxiety. , 2024, , 235-244.		0
1533	Elevating the field for applying neuroimaging to individual patients in psychiatry. <i>Translational Psychiatry</i> , 2024, 14, .	2.4	0
1541	Big and deep data aggregation and analysis strategies for human neuroscience. , 2024, , .		0
1553	Mind-Reading Machines: Promises, Pitfalls, and Solutions of Implementing Machine Learning in Mental Health. , 2024, , 197-219.		0

#	ARTICLE	IF	CITATIONS
---	---------	----	-----------