List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	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.	13.7	706
2	Canadian Network for Mood and Anxiety Treatments (CANMAT) 2016 Clinical Guidelines for the Management of Adults with Major Depressive Disorder. Canadian Journal of Psychiatry, 2016, 61, 561-575.	1.9	415
3	Anhedonia and Reward-Circuit Connectivity Distinguish Nonresponders from Responders to Dorsomedial Prefrontal Repetitive Transcranial Magnetic Stimulation in Major Depression. Biological Psychiatry, 2014, 76, 176-185.	1.3	281
4	Clinical utility and prospective of TMS–EEG. Clinical Neurophysiology, 2019, 130, 802-844.	1.5	276
5	Evidence of Cortical Inhibitory Deficits in Major Depressive Disorder. Biological Psychiatry, 2010, 67, 458-464.	1.3	232
6	Efficacy, safety, and tolerability of augmentation pharmacotherapy with aripiprazole for treatment-resistant depression in late life: a randomised, double-blind, placebo-controlled trial. Lancet, The, 2015, 386, 2404-2412.	13.7	229
7	Glutamatergic neurometabolite levels in major depressive disorder: a systematic review and meta-analysis of proton magnetic resonance spectroscopy studies. Molecular Psychiatry, 2019, 24, 952-964.	7.9	225
8	rTMS of the Dorsomedial Prefrontal Cortex for Major Depression: Safety, Tolerability, Effectiveness, and Outcome Predictors for 10ÂHz Versus Intermittent Theta-burst Stimulation. Brain Stimulation, 2015, 8, 208-215.	1.6	217
9	Gut microbiota and major depressive disorder: A systematic review and meta-analysis. Journal of Affective Disorders, 2020, 266, 1-13.	4.1	217
10	Kynurenine pathway in depression: A systematic review and meta-analysis. Neuroscience and Biobehavioral Reviews, 2018, 90, 16-25.	6.1	199
11	<p>Management of Treatment-Resistant Depression: Challenges and Strategies</p> . Neuropsychiatric Disease and Treatment, 2020, Volume 16, 221-234.	2.2	189
12	Concordance Between BeamF3 and MRI-neuronavigated Target SitesÂfor Repetitive Transcranial Magnetic Stimulation of the LeftÂDorsolateral Prefrontal Cortex. Brain Stimulation, 2015, 8, 965-973.	1.6	153
13	A Randomized Double-Blind Sham-Controlled Study of Transcranial Direct Current Stimulation for Treatment-Resistant Major Depression. Frontiers in Psychiatry, 2012, 3, 74.	2.6	131
14	The Neural Crossroads of Psychiatric Illness: An Emerging Target for Brain Stimulation. Trends in Cognitive Sciences, 2016, 20, 107-120.	7.8	130
15	Characterization of Glutamatergic and GABAA-Mediated Neurotransmission in Motor and Dorsolateral Prefrontal Cortex Using Paired-Pulse TMS–EEG. Neuropsychopharmacology, 2017, 42, 502-511.	5.4	124
16	Extent of Dorsolateral Prefrontal Cortex Plasticity and Its Association With Working Memory in Patients With Alzheimer Disease. JAMA Psychiatry, 2017, 74, 1266.	11.0	118
17	A meta-analysis of the effects of aging on motor cortex neurophysiology assessed by transcranial magnetic stimulation. Clinical Neurophysiology, 2016, 127, 2834-2845.	1.5	117
18	Can Repetitive Magnetic Stimulation Improve Cognition in Schizophrenia? Pilot Data from a Randomized Controlled Trial. Biological Psychiatry, 2013, 73, 510-517.	1.3	116

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19	Resting-state EEG gamma power and theta–gamma coupling enhancement following high-frequency left dorsolateral prefrontal rTMS in patients with depression. Clinical Neurophysiology, 2017, 128, 424-432.	1.5	111
20	Reproducibility in TMS–EEG studies: A call for data sharing, standard procedures and effective experimental control. Brain Stimulation, 2019, 12, 787-790.	1.6	106
21	Efficacy, tolerability, and cognitive effects of deep transcranial magnetic stimulation for late-life depression: a prospective randomized controlled trial. Neuropsychopharmacology, 2018, 43, 2231-2238.	5.4	104
22	Indicators for Remission of Suicidal Ideation Following Magnetic Seizure Therapy in Patients With Treatment-Resistant Depression. JAMA Psychiatry, 2016, 73, 337.	11.0	102
23	Efficacy and acceptability of transcranial direct current stimulation (tDCS) for major depressive disorder: An individual patient data meta-analysis. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 99, 109836.	4.8	96
24	Trajectories of Response to Dorsolateral Prefrontal rTMS in Major Depression: A THREE-D Study. American Journal of Psychiatry, 2019, 176, 367-375.	7.2	93
25	A randomized double-blind sham-controlled comparison of unilateral and bilateral repetitive transcranial magnetic stimulation for treatment-resistant major depression. World Journal of Biological Psychiatry, 2012, 13, 423-435.	2.6	88
26	Neurobiological mechanisms of repetitive transcranial magnetic stimulation of the dorsolateral prefrontal cortex in depression: a systematic review. Psychological Medicine, 2015, 45, 3411-3432.	4.5	87
27	Number of pulses or number of sessions? An open-label study of trajectories of improvement for once-vs. twice-daily dorsomedial prefrontal rTMS in major depression. Brain Stimulation, 2018, 11, 327-336.	1.6	84
28	PAS-Induced Potentiation of Cortical-Evoked Activity in the Dorsolateral Prefrontal Cortex. Neuropsychopharmacology, 2013, 38, 2545-2552.	5.4	82
29	Altered Transcranial Magnetic Stimulation–Electroencephalographic Markers of Inhibition and Excitation in the Dorsolateral Prefrontal Cortex in Major Depressive Disorder. Biological Psychiatry, 2019, 85, 477-486.	1.3	81
30	Functional connectivity of the anterior cingulate cortex predicts treatment outcome for rTMS in treatment-resistant depression at 3-month follow-up. Brain Stimulation, 2020, 13, 206-214.	1.6	81
31	A Systematic Approach to Pharmacotherapy for Geriatric Major Depression. Clinics in Geriatric Medicine, 2014, 30, 517-534.	2.6	80
32	Alterations of local spontaneous brain activity and connectivity in adults with high-functioning autism spectrum disorder. Molecular Autism, 2015, 6, 30.	4.9	78
33	1 Hz rTMS of the right orbitofrontal cortex for major depression: Safety, tolerability and clinical outcomes. European Neuropsychopharmacology, 2018, 28, 109-117.	0.7	78
34	Guidelines for TMS/tES clinical services and research through the COVID-19 pandemic. Brain Stimulation, 2020, 13, 1124-1149.	1.6	78
35	Unilateral and bilateral MRI-targeted repetitive transcranial magnetic stimulation for treatment-resistant depression: a randomized controlled study. Journal of Psychiatry and Neuroscience, 2016, 41, E58-E66.	2.4	76
36	An Update on Repetitive Transcranial Magnetic Stimulation for the Treatment of Co-morbid Pain and Depressive Symptoms. Current Pain and Headache Reports, 2018, 22, 51.	2.9	69

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37	The Insula: A Brain Stimulation Target for the Treatment of Addiction. Frontiers in Pharmacology, 2019, 10, 720.	3.5	69
38	Six-Year Stability of Affective Temperaments as Measured by TEMPS-A. Psychopathology, 2010, 43, 240-247.	1.5	67
39	Impaired theta-gamma coupling during working memory performance in schizophrenia. Schizophrenia Research, 2017, 189, 104-110.	2.0	67
40	Abnormal functional connectivity within resting-state networks is related to rTMS-based therapy effects of treatment resistant depression: A pilot study. Journal of Affective Disorders, 2017, 218, 75-81.	4.1	66
41	Effectiveness of the prefrontal repetitive transcranial magnetic stimulation on cognitive profiles in depression, schizophrenia, and Alzheimer's disease: A systematic review. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 88, 31-40.	4.8	66
42	NEUROBIOLOGICAL PREDICTORS OF RESPONSE TO DORSOLATERAL PREFRONTAL CORTEX REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION IN DEPRESSION: A SYSTEMATIC REVIEW. Depression and Anxiety, 2015, 32, 871-891.	4.1	63
43	Glutamatergic and GABAergic metabolite levels in schizophrenia-spectrum disorders: a meta-analysis of 1H-magnetic resonance spectroscopy studies. Molecular Psychiatry, 2022, 27, 744-757.	7.9	60
44	A Review of Brain Stimulation Treatments for Late-Life Depression. Current Treatment Options in Psychiatry, 2015, 2, 413-421.	1.9	55
45	Systematic Review of Cognitive Effects of Electroconvulsive Therapy in Late-Life Depression. American Journal of Geriatric Psychiatry, 2016, 24, 547-565.	1.2	52
46	Magnetic seizure therapy (MST) for major depressive disorder. Neuropsychopharmacology, 2020, 45, 276-282.	5.4	50
47	Levels of glutamatergic neurometabolites in patients with severe treatment-resistant schizophrenia: a proton magnetic resonance spectroscopy study. Neuropsychopharmacology, 2020, 45, 632-640.	5.4	50
48	Magnitude of the Placebo Response Across Treatment Modalities Used for Treatment-Resistant Depression in Adults. JAMA Network Open, 2021, 4, e2125531.	5.9	49
49	MRI-targeted repetitive transcranial magnetic stimulation of Heschl's gyrus for refractory auditory hallucinations. Brain Stimulation, 2012, 5, 577-585.	1.6	48
50	Characterization of the influence of age on GABAA and glutamatergic mediated functions in the dorsolateral prefrontal cortex using paired-pulse TMS-EEG. Aging, 2017, 9, 556-572.	3.1	47
51	Glutathione levels and activities of glutathione metabolism enzymes in patients with schizophrenia: A systematic review and meta-analysis. Journal of Psychopharmacology, 2019, 33, 1199-1214.	4.0	47
52	Neurophysiological biomarkers using transcranial magnetic stimulation in Alzheimer's disease and mild cognitive impairment: A systematic review and meta-analysis. Neuroscience and Biobehavioral Reviews, 2021, 121, 47-59.	6.1	47
53	Motor cortex excitability and inhibitory imbalance in autism spectrum disorder assessed with transcranial magnetic stimulation: a systematic review. Translational Psychiatry, 2019, 9, 110.	4.8	46
54	Spread of activity following TMS is related to intrinsic resting connectivity to the salience network: A concurrent TMS-fMRI study. Cortex, 2018, 108, 160-172.	2.4	45

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55	Ordering Information in Working Memory and Modulation of Gamma by Theta Oscillations in Humans. Cerebral Cortex, 2017, 27, bhv326.	2.9	44
56	Sunk Cost Effect in Individuals with Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2019, 49, 1-10.	2.7	44
57	Dopaminergic dysfunction and excitatory/inhibitory imbalance in treatment-resistant schizophrenia and novel neuromodulatory treatment. Molecular Psychiatry, 2022, 27, 2950-2967.	7.9	44
58	Impaired neuroplasticity in the prefrontal cortex in depression indexed through paired associative stimulation. Depression and Anxiety, 2018, 35, 448-456.	4.1	43
59	What Does the Electroencephalogram Tell Us About the Mechanisms of Action of ECT in Major Depressive Disorders?. Journal of ECT, 2014, 30, 98-106.	0.6	41
60	Altered functional organization within the insular cortex in adult males with high-functioning autism spectrum disorder: evidence from connectivity-based parcellation. Molecular Autism, 2016, 7, 41.	4.9	41
61	Norepinephrine Transporter Gene Variants and Remission From Depression With Venlafaxine Treatment in Older Adults. American Journal of Psychiatry, 2017, 174, 468-475.	7.2	41
62	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. EClinicalMedicine, 2020, 22, 100349.	7.1	41
63	Treatment of Executive Function Deficits in autism spectrum disorder with repetitive transcranial magnetic stimulation: A double-blind, sham-controlled, pilot trial. Brain Stimulation, 2020, 13, 539-547.	1.6	41
64	Clozapine potentiation of GABA mediated cortical inhibition in treatment resistant schizophrenia. Schizophrenia Research, 2015, 165, 157-162.	2.0	40
65	Safety and acceptability of transcranial direct current stimulation for the acute treatment of major depressive episodes: Analysis of individual patient data. Journal of Affective Disorders, 2017, 221, 1-5.	4.1	40
66	Optimizing Outcomes of Treatment-Resistant Depression in Older Adults (OPTIMUM): Study Design and Treatment Characteristics of the First 396 Participants Randomized. American Journal of Geriatric Psychiatry, 2019, 27, 1138-1152.	1.2	40
67	A meta-analysis of transcranial direct current stimulation for schizophrenia: "Is more better?â€. Journal of Psychiatric Research, 2019, 110, 117-126.	3.1	40
68	Early symptom improvement at 10 sessions as a predictor of rTMS treatment outcome in major depression. Brain Stimulation, 2018, 11, 181-189.	1.6	39
69	Treatmentâ€resistant major depressive disorder: Canadian expert consensus on definition and assessment. Depression and Anxiety, 2021, 38, 456-467.	4.1	38
70	Risk of serious medical events in patients with depression treated with electroconvulsive therapy: a propensity score-matched, retrospective cohort study. Lancet Psychiatry,the, 2021, 8, 686-695.	7.4	36
71	Potentiation of quantitative electroencephalograms following prefrontal repetitive transcranial magnetic stimulation in patients with major depression. Neuroscience Research, 2013, 77, 70-77.	1.9	35
72	Unilateral and bilateral repetitive transcranial magnetic stimulation for treatmentâ€resistant lateâ€life depression. International Journal of Geriatric Psychiatry, 2019, 34, 822-827.	2.7	35

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73	Attitudes toward risk and ambiguity in patients with autism spectrum disorder. Molecular Autism, 2017, 8, 45.	4.9	34
74	Effect of Education on Alzheimer's Disease-Related Neuroimaging Biomarkers in Healthy Controls, and Participants with Mild Cognitive Impairment and Alzheimer's Disease: A Cross-Sectional Study. Journal of Alzheimer's Disease, 2018, 63, 861-869.	2.6	34
75	Reduced GABAergic cortical inhibition in aging and depression. Neuropsychopharmacology, 2018, 43, 2277-2284.	5.4	34
76	Feasibility and clinical effects of theta burst stimulation in youth with major depressive disorders: An open-label trial. Journal of Affective Disorders, 2019, 258, 66-73.	4.1	34
77	Trends in big data analyses by multicenter collaborative translational research in psychiatry. Psychiatry and Clinical Neurosciences, 2022, 76, 1-14.	1.8	34
78	Risk of seizures in transcranial magnetic stimulation: a clinical review to inform consent process focused on bupropion. Neuropsychiatric Disease and Treatment, 2015, 11, 2975.	2.2	33
79	Lateralized hippocampal volume increase following highâ€frequency left prefrontal repetitive transcranial magnetic stimulation in patients with major depression. Psychiatry and Clinical Neurosciences, 2017, 71, 747-758.	1.8	33
80	Functional disconnectivity of the hippocampal network and neural correlates of memory impairment in treatment-resistant depression. Journal of Affective Disorders, 2019, 253, 248-256.	4.1	33
81	Neural correlates of delay discount alterations in addiction and psychiatric disorders: A systematic review of magnetic resonance imaging studies. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 99, 109822.	4.8	33
82	Transcranial direct current stimulation (tDCS) for depression in pregnancy: A pilot randomized controlled trial. Brain Stimulation, 2019, 12, 1475-1483.	1.6	32
83	Individual alpha frequency proximity associated with repetitive transcranial magnetic stimulation outcome: An independent replication study from the ICON-DB consortium. Clinical Neurophysiology, 2021, 132, 643-649.	1.5	32
84	Neurophysiological effects of repetitive transcranial magnetic stimulation (rTMS) in treatment resistant depression. Clinical Neurophysiology, 2021, 132, 2306-2316.	1.5	32
85	A combined TMS-EEG study of short-latency afferent inhibition in the motor and dorsolateral prefrontal cortex. Journal of Neurophysiology, 2016, 116, 938-948.	1.8	31
86	Machine learning approach to identify a resting-state functional connectivity pattern serving as an endophenotype of autism spectrum disorder. Brain Imaging and Behavior, 2019, 13, 1689-1698.	2.1	31
87	Combining moderators to identify clinical profiles of patients who will, and will not, benefit from aripiprazole augmentation for treatment resistant late-life major depressive disorder. Journal of Psychiatric Research, 2016, 81, 112-118.	3.1	30
88	Implementation of intermittent theta burst stimulation compared to conventional repetitive transcranial magnetic stimulation in patients with treatment resistant depression: AAcost analysis. PLoS ONE, 2019, 14, e0222546.	2.5	30
89	Cardiovascular differences between sham and active iTBS related to treatment response in MDD. Brain Stimulation, 2020, 13, 167-174.	1.6	30
90	Reduced Short-Latency Afferent Inhibition in Prefrontal but not Motor Cortex and Its Association With Executive Function in Schizophrenia: A Combined TMS-EEG Study. Schizophrenia Bulletin, 2018, 44. 193-202.	4.3	29

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91	Electroconvulsive therapy for depression with comorbid borderline personality disorder or post-traumatic stress disorder: A matched retrospective cohort study. Brain Stimulation, 2018, 11, 204-212.	1.6	29
92	Selective modulation of brain network dynamics by seizure therapy in treatment-resistant depression. NeuroImage: Clinical, 2018, 20, 1176-1190.	2.7	28
93	Structural network integrity of the central executive network is associated with the therapeutic effect of rTMS in treatment resistant depression. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 92, 217-225.	4.8	28
94	The P300 event-related potential in bipolar disorder: A systematic review and meta-analysis. Journal of Affective Disorders, 2019, 256, 234-249.	4.1	28
95	White matter alterations in autism spectrum disorder and attention-deficit/hyperactivity disorder in relation to sensory profile. Molecular Autism, 2020, 11, 77.	4.9	28
96	Caution at psychiatry's psychedelic frontier. Nature Medicine, 2021, 27, 1687-1688.	30.7	28
97	Evaluation of short interval cortical inhibition and intracortical facilitation from the dorsolateral prefrontal cortex in patients with schizophrenia. Scientific Reports, 2017, 7, 17106.	3.3	27
98	Effects of short-term, high-frequency repetitive transcranial magnetic stimulation to bilateral dorsolateral prefrontal cortex on smoking behavior and cognition in patients with schizophrenia and non-psychiatric controls. Schizophrenia Research, 2018, 197, 441-443.	2.0	27
99	A randomized sham controlled comparison of once vs twice-daily intermittent theta burst stimulation in depression: A Canadian rTMS treatment and biomarker network in depression (CARTBIND) study. Brain Stimulation, 2021, 14, 1447-1455.	1.6	27
100	Abnormal self-schema in semantic memory in major depressive disorder: Evidence from event-related brain potentials. Biological Psychology, 2017, 126, 41-47.	2.2	26
101	Dorsomedial prefrontal cortex repetitive transcranial magnetic stimulation for treatment-refractory major depressive disorder: AÂthree-arm, blinded, randomized controlled trial. Brain Stimulation, 2020, 13, 337-340.	1.6	26
102	Using a simulation centre to evaluate preliminary acceptability and impact of an artificial intelligence-powered clinical decision support system for depression treatment on the physician–patient interaction. BJPsych Open, 2021, 7, e22.	0.7	26
103	Brain Stimulation in the Treatment of Late-Life Severe Mental Illness Other than Unipolar Nonpsychotic Depression. American Journal of Geriatric Psychiatry, 2014, 22, 216-240.	1.2	25
104	Enhanced theta-gamma coupling associated with hippocampal volume increase following high-frequency left prefrontal repetitive transcranial magnetic stimulation in patients with major depression. International Journal of Psychophysiology, 2018, 133, 169-174.	1.0	25
105	Binding of Dopamine D1 Receptor and Noradrenaline Transporter in Individuals with Autism Spectrum Disorder: A PET Study. Cerebral Cortex, 2020, 30, 6458-6468.	2.9	25
106	Neurophysiological Biomarkers in Schizophrenia—P50, Mismatch Negativity, and TMS-EMG and TMS-EEG. Frontiers in Psychiatry, 2020, 11, 795.	2.6	25
107	Transcranial magnetic stimulation neurophysiology of patients with major depressive disorder: a systematic review and meta-analysis. Psychological Medicine, 2021, 51, 1-10.	4.5	25
108	What Is the Role of Brain Stimulation Therapies in the Treatment of Depression?. Current Psychiatry Reports, 2013, 15, 368.	4.5	24

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109	Repetitive Transcranial Magnetic Stimulation for the Treatment of Executive Function Deficits in Autism Spectrum Disorder: Clinical Trial Approach. Journal of Child and Adolescent Psychopharmacology, 2017, 27, 413-421.	1.3	24
110	Toward the establishment of neurophysiological indicators for neuropsychiatric disorders using transcranial magnetic stimulationâ€evoked potentials: A systematic review. Psychiatry and Clinical Neurosciences, 2020, 74, 12-34.	1.8	24
111	Repetitive transcranial magnetic stimulation for refractory symptoms in schizophrenia. Current Opinion in Psychiatry, 2010, 23, 85-90.	6.3	23
112	Resting EEG theta connectivity and alpha power to predict repetitive transcranial magnetic stimulation response in depression: A non-replication from the ICON-DB consortium. Clinical Neurophysiology, 2021, 132, 650-659.	1.5	23
113	Altered sulcogyral patterns of orbitofrontal cortex in a large cohort of patients with schizophrenia. NPJ Schizophrenia, 2017, 3, 3.	3.6	22
114	Neural correlates of successful orbitofrontal 1 Hz rTMS following unsuccessful dorsolateral and dorsomedial prefrontal rTMS in major depression: A case report. Brain Stimulation, 2017, 10, 165-167.	1.6	22
115	Inflexible daily behaviour is associated with the ability to control an automatic reaction in autism spectrum disorder. Scientific Reports, 2018, 8, 8082.	3.3	22
116	Neuroimaging correlates of narcolepsy with cataplexy: A systematic review. Neuroscience Research, 2019, 142, 16-29.	1.9	22
117	Pharmacological mechanisms of interhemispheric signal propagation: a TMS-EEG study. Neuropsychopharmacology, 2020, 45, 932-939.	5.4	22
118	Genome-wide analysis suggests the importance of vascular processes and neuroinflammation in late-life antidepressant response. Translational Psychiatry, 2021, 11, 127.	4.8	22
119	Thalamic and striato-pallidal volumes in schizophrenia patients and individuals at risk for psychosis: A multi-atlas segmentation study. Schizophrenia Research, 2022, 243, 268-275.	2.0	22
120	Localized Potentiation of Sleep Slow-Wave Activity Induced by Prefrontal Repetitive Transcranial Magnetic Stimulation in Patients with a Major Depressive Episode. Brain Stimulation, 2013, 6, 390-396.	1.6	21
121	Role of the right temporoparietal junction in intergroup bias in trust decisions. Human Brain Mapping, 2020, 41, 1677-1688.	3.6	21
122	White matter microstructural organizations in patients with severe treatment-resistant schizophrenia: A diffusion tensor imaging study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 100, 109871.	4.8	21
123	Repetitive transcranial magnetic stimulation for major depressive disorder: basic principles and future directions. Therapeutic Advances in Psychopharmacology, 2021, 11, 204512532110426.	2.7	21
124	Predicting Remission in Late-Life Major Depression. Journal of Clinical Psychiatry, 2019, 80, .	2.2	21
125	Acupuncture-induced changes of vagal function in patients with depression: A preliminary sham-controlled study with press needles. Complementary Therapies in Clinical Practice, 2015, 21, 193-200.	1.7	20
126	An Update on Repetitive Transcranial Magnetic Stimulation for the Treatment of Major Depressive Disorder. Clinical Pharmacology and Therapeutics, 2019, 106, 747-762.	4.7	20

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127	Polygenic risk scores for major psychiatric and neurodevelopmental disorders contribute to sleep disturbance in childhood: Adolescent Brain Cognitive Development (ABCD) Study. Translational Psychiatry, 2021, 11, 187.	4.8	20
128	Impairment of Neuroplasticity in the Dorsolateral Prefrontal Cortex by Alcohol. Scientific Reports, 2017, 7, 5276.	3.3	19
129	Egocentric biases and atypical generosity in autistic individuals. Autism Research, 2019, 12, 1598-1608.	3.8	19
130	Theta–gamma coupling and ordering information: a stable brain–behavior relationship across cognitive tasks and clinical conditions. Neuropsychopharmacology, 2020, 45, 2038-2047.	5.4	19
131	Distinct trajectories of response to prefrontal tDCS in major depression: results from a 3-arm randomized controlled trial. Neuropsychopharmacology, 2021, 46, 774-782.	5.4	19
132	Need for closure and cognitive flexibility in individuals with autism spectrum disorder: A preliminary study. Psychiatry Research, 2019, 271, 247-252.	3.3	18
133	Impact of prior pharmacotherapy on remission of psychotic depression in a randomized controlled trial. Journal of Psychiatric Research, 2011, 45, 896-901.	3.1	17
134	Investigating Cortical Inhibition in First-Degree Relatives and Probands in Schizophrenia. Scientific Reports, 2017, 7, 43629.	3.3	17
135	Non-linear Entropy Analysis in EEG to Predict Treatment Response to Repetitive Transcranial Magnetic Stimulation in Depression. Frontiers in Pharmacology, 2018, 9, 1188.	3.5	17
136	lmpact of prior treatment on remission with intermittent theta burst versus high-frequency repetitive transcranial magnetic stimulation in treatment resistant depression. Brain Stimulation, 2019, 12, 1553-1555.	1.6	17
137	Safety, tolerability and effectiveness of a novel 20 Hz rTMS protocol targeting dorsomedial prefrontal cortex in major depression: An open-label case series. Brain Stimulation, 2019, 12, 1319-1321.	1.6	17
138	<p>Relationships between Internet addiction and clinicodemographic and behavioral factors</p> . Neuropsychiatric Disease and Treatment, 2019, Volume 15, 739-752.	2.2	17
139	Increased blood COASY DNA methylation levels a potential biomarker for early pathology of Alzheimer's disease. Scientific Reports, 2020, 10, 12217.	3.3	17
140	Depressive symptom trajectories associated with standard and accelerated rTMS. Brain Stimulation, 2020, 13, 850-857.	1.6	17
141	Systematic review of biological markers of therapeutic repetitive transcranial magnetic stimulation in neurological and psychiatric disorders. Clinical Neurophysiology, 2021, 132, 429-448.	1.5	17
142	Single-Pulse Transcranial Magnetic Stimulation-Evoked Potential Amplitudes and Latencies in the Motor and Dorsolateral Prefrontal Cortex among Young, Older Healthy Participants, and Schizophrenia Patients. Journal of Personalized Medicine, 2021, 11, 54.	2.5	17
143	Repetitive transcranial magnetic stimulation (rTMS) in bipolar disorder: A systematic review. Bipolar Disorders, 2022, 24, 10-26.	1.9	17
144	Differentiating transcranial magnetic stimulation cortical and auditory responses via single pulse and paired pulse protocols: A TMS-EEG study. Clinical Neurophysiology, 2021, 132, 1850-1858.	1.5	17

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145	Enhancing Cognition in Older Persons with Depression or Anxiety with a Combination of Mindfulness-Based Stress Reduction (MBSR) and Transcranial Direct Current Stimulation (tDCS): Results of a Pilot Randomized Clinical Trial. Mindfulness, 2021, 12, 1-13.	2.8	17
146	Alcohol Intoxication by Binge Drinking Impairs Neuroplasticity. Brain Stimulation, 2016, 9, 27-32.	1.6	16
147	Intermittent theta burst stimulation for major depression during pregnancy. Brain Stimulation, 2019, 12, 772-774.	1.6	16
148	Neurophysiological markers of response to theta burst stimulation in youth depression. Depression and Anxiety, 2021, 38, 172-184.	4.1	16
149	Dorsolateral prefrontal cortex excitability abnormalities in Alzheimer's Dementia: Findings from transcranial magnetic stimulation and electroencephalography study. International Journal of Psychophysiology, 2021, 169, 55-62.	1.0	16
150	Cross-frequency coupling in psychiatric disorders: A systematic review. Neuroscience and Biobehavioral Reviews, 2022, 138, 104690.	6.1	16
151	Risk of suicide death following electroconvulsive therapy treatment for depression: a propensity score-weighted, retrospective cohort study in Canada. Lancet Psychiatry,the, 2022, 9, 435-446.	7.4	16
152	Effects of antipsychotic D2 antagonists on long-term potentiation in animals and implications for human studies. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 54, 83-91.	4.8	15
153	Repetitive transcranial magnetic stimulation: an emerging treatment for medication-resistant depression. Cmaj, 2016, 188, 1175-1177.	2.0	15
154	Effect of antipsychotic pharmacotherapy on clinical outcomes of intermittent theta-burst stimulation for refractory depression. Journal of Psychopharmacology, 2017, 31, 312-319.	4.0	15
155	Abnormal Functional Connectivity of Frontopolar Subregions in Treatment-Nonresponsive Major Depressive Disorder. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 337-347.	1.5	15
156	Magnetic Seizure Therapy in Treatment-Resistant Schizophrenia: A Pilot Study. Frontiers in Psychiatry, 2017, 8, 310.	2.6	15
157	Predictors of cognitive impairment in treatment-resistant depression. Journal of Affective Disorders, 2020, 274, 593-601.	4.1	15
158	Socioeconomical transformation and mental health impact by the COVID-19's ultimate VUCA era: Toward the New Normal, the New Japan, and the New World. Asian Journal of Psychiatry, 2020, 54, 102262.	2.0	15
159	The Relationship Between Cortical Inhibition and Electroconvulsive Therapy in the Treatment of Major Depressive Disorder. Scientific Reports, 2016, 6, 37461.	3.3	14
160	Validation of a 25% Nasion–Inion Heuristic for Locating the Dorsomedial Prefrontal Cortex for Repetitive Transcranial Magnetic Stimulation. Brain Stimulation, 2016, 9, 793-795.	1.6	14
161	Reduced Prefrontal Short—Latency Afferent Inhibition in Older Adults and Its Relation to Executive Function: A TMS-EEG Study. Frontiers in Aging Neuroscience, 2017, 9, 119.	3.4	14
162	Simple Electroencephalographic Treatment-Emergent Marker Can Predict Repetitive Transcranial Magnetic Stimulation Antidepressant Response—A Feasibility Study. Journal of ECT, 2018, 34, 274-282.	0.6	14

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163	Characteristics of ictal EEG in Magnetic Seizure Therapy at various stimulation frequencies. Clinical Neurophysiology, 2018, 129, 1770-1779.	1.5	14
164	Clinical effectiveness of repetitive transcranial magnetic stimulation treatment in children and adolescents with neurodevelopmental disorders: A systematic review. Autism, 2019, 23, 1614-1629.	4.1	14
165	TMS-EEG Research to Elucidate the Pathophysiological Neural Bases in Patients with Schizophrenia: A Systematic Review. Journal of Personalized Medicine, 2021, 11, 388.	2.5	14
166	Neuromodulatory treatments for psychiatric disease: A comprehensive survey of the clinical trial landscape. Brain Stimulation, 2021, 14, 1393-1403.	1.6	14
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