Zafiris J Daskalakis

List of Publications by Year
in descending order

479 papers	27,351 citations	4653 85 h-index	10724 138 g-index
489 all docs	489 docs citations	489 times ranked	18251 citing authors

#	Article	IF	Citations
1	A comprehensive review of the effects of rTMS on motor cortical excitability and inhibition. Clinical Neurophysiology, 2006, 117, 2584-2596.	0.7	823
2	A meta-analytic study of changes in brain activation in depression. Human Brain Mapping, 2008, 29, 683-695.	1.9	792
3	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
4	Treatment-Resistant Schizophrenia: Treatment Response and Resistance in Psychosis (TRRIP) Working Group Consensus Guidelines on Diagnosis and Terminology. American Journal of Psychiatry, 2017, 174, 216-229.	4.0	685
5	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.	0.9	415
6	The mechanisms of interhemispheric inhibition in the human motor cortex. Journal of Physiology, 2002, 543, 317-326.	1.3	376
7	Repetitive Transcranial Magnetic Stimulation for the Acute Treatment of Major Depressive Episodes. JAMA Psychiatry, 2017, 74, 143.	6.0	355
8	Improving working memory: the effect of combining cognitive activity and anodal transcranial direct current stimulation to the left dorsolateral prefrontal cortex. Brain Stimulation, 2011, 4, 84-89.	0.7	338
9	A Randomized Trial of rTMS Targeted with MRI Based Neuro-Navigation in Treatment-Resistant Depression. Neuropsychopharmacology, 2009, 34, 1255-1262.	2.8	313
10	A Randomized, Controlled Trial of Sequential Bilateral Repetitive Transcranial Magnetic Stimulation for Treatment-Resistant Depression. American Journal of Psychiatry, 2006, 163, 88-94.	4.0	307
11	Transcranial direct current stimulation for acute major depressive episodes: Meta-analysis of individual patient data. British Journal of Psychiatry, 2016, 208, 522-531.	1.7	300
12	Efficacy and safety of deep transcranial magnetic stimulation for major depression: a prospective multicenter randomized controlled trial. World Psychiatry, 2015, 14, 64-73.	4.8	293
13	Exploring the connectivity between the cerebellum and motor cortex in humans. Journal of Physiology, 2004, 557, 689-700.	1.3	281
14	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.	0.7	281
15	Clinical utility and prospective of TMSâ€“EEG. Clinical Neurophysiology, 2019, 130, 802-844.	0.7	276
16	Daily Left Prefrontal Repetitive Transcranial Magnetic Stimulation in the Acute Treatment of Major Depression: Clinical Predictors of Outcome in a Multisite, Randomized Controlled Clinical Trial. Neuropsychopharmacology, 2009, 34, 522-534.	2.8	272
17	Evidence for Impaired Cortical Inhibition in Schizophrenia Using Transcranial Magnetic Stimulation. Archives of General Psychiatry, 2002, 59, 347.	13.8	256
18	Removing artefacts from TMS-EEG recordings using independent component analysis: Importance for assessing prefrontal and motor cortex network properties. NeuroImage, 2014, 101, 425-439.	2.1	239

#	Article	IF	Citations
19	Clinically Meaningful Efficacy and Acceptability of Low-Frequency Repetitive Transcranial Magnetic Stimulation (rTMS) for Treating Primary Major Depression: A Meta-Analysis of Randomized, Double-Blind and Sham-Controlled Trials. Neuropsychopharmacology, 2013, 38, 543-551.	2.8	234
20	Evidence of Cortical Inhibitory Deficits in Major Depressive Disorder. Biological Psychiatry, 2010, 67, 458-464.	0.7	232
21	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.	4.1	225
22	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.	0.7	217
23	An analysis of functional neuroimaging studies of dorsolateral prefrontal cortical activity in depression. Psychiatry Research - Neuroimaging, 2006, 148, 33-45.	0.9	214
24	Long-Interval Cortical Inhibition from the Dorsolateral Prefrontal Cortex: a TMSâ€“EEG Study. Neuropsychopharmacology, 2008, 33, 2860-2869.	2.8	211
25	Treating Working Memory Deficits in Schizophrenia: A Review of the Neurobiology. Biological Psychiatry, 2014, 75, 361-370.	0.7	202
26	Testing the limits: Investigating the effect of tDCS dose on working memory enhancement in healthy controls. Neuropsychologia, 2013, 51, 1777-1784.	0.7	197
27	New Targets for rTMS in Depression: A Review of Convergent Evidence. Brain Stimulation, 2013, 6, 231-240.	0.7	194
28	The effects of repetitive transcranial magnetic stimulation on cortical inhibition in healthy human subjects. Experimental Brain Research, 2006, 174, 403-412.	0.7	192
29	Management of Treatment-Resistant Depression: Challenges and Strategies . Neuropsychiatric Disease and Treatment, 2020, Volume 16, 221-234.	1.0	189
30	Optimal transcranial magnetic stimulation coil placement for targeting the dorsolateral prefrontal cortex using novel magnetic resonance imageâ€guided neuronavigation. Human Brain Mapping, 2010, 31, 1643-1652.	1.9	188
31	Improving working memory: Exploring the effect of transcranial random noise stimulation and transcranial direct current stimulation on the dorsolateral prefrontal cortex. Clinical Neurophysiology, 2011, 122, 2384-2389.	0.7	186
32	Evidence for Impaired Long-Term Potentiation in Schizophrenia and Its Relationship to Motor Skill Leaning. Cerebral Cortex, 2008, 18, 990-996.	1.6	179
33	Clinical utility of transcranial direct current stimulation (tDCS) for treating major depression: A systematic review and meta-analysis of randomized, double-blind and sham-controlled trials. Journal of Psychiatric Research, 2013, 47, 1-7.	1.5	167
34	The role of BDNF in the pathophysiology and treatment of schizophrenia. Journal of Psychiatric Research, 2012, 46, 1-11.	1.5	164
35	Intensity-dependent effects of 1 Hz rTMS on human corticospinal excitability. Clinical Neurophysiology, 2002, 113, 1136-1141.	0.7	162
36	An fMRI study of prefrontal brain activation during multiple tasks in patients with major depressive disorder. Human Brain Mapping, 2008, 29, 490-501.	1.9	156

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37	Concordance Between BeamF3 and MRI-neuronavigated Target SitesÂfor Repetitive Transcranial Magnetic Stimulation of the LeftÂDorsolateral Prefrontal Cortex. Brain Stimulation, 2015, 8, 965-973.	0.7	153
38	Autobiographical episodic memory in major depressive disorder.. Journal of Abnormal Psychology, 2014, 123, 51-60.	2.0	152
39	Investigating the Role of Current Strength in tDCS Modulation of Working Memory Performance in Healthy Controls. Frontiers in Psychiatry, 2011, 2, 45.	1.3	150
40	The Treatment of Hallucinations in Schizophrenia Spectrum Disorders. Schizophrenia Bulletin, 2012, 38, 704-714.	2.3	150
41	A meta-analysis of cortical inhibition and excitability using transcranial magnetic stimulation in psychiatric disorders. Clinical Neurophysiology, 2013, 124, 1309-1320.	0.7	150
42	Exploring the optimal site for the localization of dorsolateral prefrontal cortex in brain stimulation experiments. Brain Stimulation, 2009, 2, 234-237.	0.7	139
43	Evidence for gamma inhibition deficits in the dorsolateral prefrontal cortex of patients with schizophrenia. Brain, 2010, 133, 1505-1514.	3.7	137
44	Evidence for GABAergic inhibitory deficits in major depressive disorder. Neuroscience and Biobehavioral Reviews, 2011, 35, 818-825.	2.9	134
45	A Randomized Double-Blind Sham-Controlled Study of Transcranial Direct Current Stimulation for Treatment-Resistant Major Depression. Frontiers in Psychiatry, 2012, 3, 74.	1.3	131
46	The Neural Crossroads of Psychiatric Illness: An Emerging Target for Brain Stimulation. Trends in Cognitive Sciences, 2016, 20, 107-120.	4.0	130
47	Brain Serotonin 5-HT1A Receptor Binding in Schizophrenia Measured by Positron Emission Tomography and [11C]WAY-100635. Archives of General Psychiatry, 2002, 59, 514.	13.8	130
48	A Double-Blind Sham-Controlled Trial of Repetitive Transcranial Magnetic Stimulation in the Treatment of Refractory Auditory Hallucinations. Journal of Clinical Psychopharmacology, 2005, 25, 358-362.	0.7	127
49	Abnormal Asymmetry of Brain Connectivity in Schizophrenia. Frontiers in Human Neuroscience, 2014, 8, 1010.	1.0	126
50	Characterization of Glutamatergic and GABAA-Mediated Neurotransmission in Motor and Dorsolateral Prefrontal Cortex Using Paired-Pulse TMSâ€“EEG. Neuropsychopharmacology, 2017, 42, 502-511.	2.8	124
51	Cortical inhibition of distinct mechanisms in the dorsolateral prefrontal cortex is related to working memory performance: A TMSâ€“EEG study. Cortex, 2015, 64, 68-77.	1.1	120
52	Dysfunctional Neural Plasticity in Patients With Schizophrenia. Archives of General Psychiatry, 2008, 65, 378.	13.8	119
53	A STUDY OF THE PATTERN OF RESPONSE TO rTMS TREATMENT IN DEPRESSION. Depression and Anxiety, 2016, 33, 746-753.	2.0	119
54	Extent of Dorsolateral Prefrontal Cortex Plasticity and Its Association With Working Memory in Patients With Alzheimer Disease. JAMA Psychiatry, 2017, 74, 1266.	6.0	118

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55	A meta-analysis of the effects of aging on motor cortex neurophysiology assessed by transcranial magnetic stimulation. Clinical Neurophysiology, 2016, 127, 2834-2845.	0.7	117
56	A randomized trial of the anti-depressant effects of low- and high-frequency transcranial magnetic stimulation in treatment-resistant depression. Depression and Anxiety, 2009, 26, 229-234.	2.0	116
57	Can Repetitive Magnetic Stimulation Improve Cognition in Schizophrenia? Pilot Data from a Randomized Controlled Trial. Biological Psychiatry, 2013, 73, 510-517.	0.7	116
58	The Role of the Corpus Callosum in Transcranial Magnetic Stimulation Induced Interhemispheric Signal Propagation. Biological Psychiatry, 2010, 68, 825-831.	0.7	114
59	Discovering biomarkers for antidepressant response: protocol from the Canadian biomarker integration network in depression (CAN-BIND) and clinical characteristics of the first patient cohort. BMC Psychiatry, 2016, 16, 105.	1.1	114
60	The application of transcranial magnetic stimulation in psychiatry and neurosciences research. Acta Psychiatrica Scandinavica, 2002, 105, 324-340.	2.2	113
61	Evidence for excessive frontal evoked gamma oscillatory activity in schizophrenia during working memory. Schizophrenia Research, 2010, 121, 146-152.	1.1	113
62	Characterizing and Modulating Brain Circuitry through Transcranial Magnetic Stimulation Combined with Electroencephalography. Frontiers in Neural Circuits, 2016, 10, 73.	1.4	113
63	The role of the cerebellum in the pathophysiology and treatment of neuropsychiatric disorders: A review. Brain Research Reviews, 2008, 59, 185-200.	9.1	112
64	The EEG correlates of the TMS-induced EMG silent period in humans. NeuroImage, 2013, 83, 120-134.	2.1	111
65	An investigation into the effects of tDCS dose on cognitive performance over time in patients with schizophrenia. Schizophrenia Research, 2014, 155, 96-100.	1.1	111
66	Resting-state EEG gamma power and thetaâ€“gamma coupling enhancement following high-frequency left dorsolateral prefrontal rTMS in patients with depression. Clinical Neurophysiology, 2017, 128, 424-432.	0.7	111
67	The genome-wide supported microRNA-137 variant predicts phenotypic heterogeneity within schizophrenia. Molecular Psychiatry, 2013, 18, 443-450.	4.1	110
68	Reduced plastic brain responses in schizophrenia: a transcranial magnetic stimulation study*1. Schizophrenia Research, 2004, 71, 17-26.	1.1	107
69	Meta-analysis of repetitive transcranial magnetic stimulation in the treatment of auditory verbal hallucinations: Update and effects after one month. Schizophrenia Research, 2012, 142, 40-45.	1.1	107
70	Reproducibility in TMSâ€“EEG studies: A call for data sharing, standard procedures and effective experimental control. Brain Stimulation, 2019, 12, 787-790.	0.7	106
71	Efficacy, tolerability, and cognitive effects of deep transcranial magnetic stimulation for late-life depression: a prospective randomized controlled trial. Neuropsychopharmacology, 2018, 43, 2231-2238.	2.8	104
72	Theta-Gamma Coupling and Working Memory in Alzheimerâ€™s Dementia and Mild Cognitive Impairment. Frontiers in Aging Neuroscience, 2018, 10, 101.	1.7	103

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73	Reliability of Long-Interval Cortical Inhibition in Healthy Human Subjects: A TMSâ€“EEG Study. Journal of Neurophysiology, 2010, 104, 1339-1346.	0.9	102
74	Indicators for Remission of Suicidal Ideation Following Magnetic Seizure Therapy in Patients With Treatment-Resistant Depression. JAMA Psychiatry, 2016, 73, 337.	6.0	102
75	A Negative Pilot Study of Daily Bimodal Transcranial Direct Current Stimulation in Schizophrenia. Brain Stimulation, 2014, 7, 813-816.	0.7	101
76	Increased Dopamine D2Receptor Occupancy and Elevated Prolactin Level Associated With Addition of Haloperidol to Clozapine. American Journal of Psychiatry, 2001, 158, 311-314.	4.0	99
77	A transcranial magnetic stimulation study of inhibitory deficits in the motor cortex in patients with schizophrenia. Psychiatry Research - Neuroimaging, 2002, 114, 11-22.	0.9	98
78	Hippocampal volumetrics in depression: The importance of the posterior tail. Hippocampus, 2007, 17, 1023-1027.	0.9	98
79	Potentiation of Gamma Oscillatory Activity through Repetitive Transcranial Magnetic Stimulation of the Dorsolateral Prefrontal Cortex. Neuropsychopharmacology, 2009, 34, 2359-2367.	2.8	98
80	Gamma oscillations in schizophrenia: Mechanisms and clinical significance. Brain Research, 2011, 1413, 98-114.	1.1	98
81	Mechanisms underlying long-interval cortical inhibition in the human motor cortex: a TMS-EEG study. Journal of Neurophysiology, 2013, 109, 89-98.	0.9	98
82	Accelerated repetitive transcranial magnetic stimulation in the treatment of depression. Neuropsychopharmacology, 2018, 43, 1565-1572.	2.8	98
83	The role of cortical inhibition in the pathophysiology and treatment of schizophrenia. Brain Research Reviews, 2007, 56, 427-442.	9.1	96
84	Mirror Neuron Activity Associated with Social Impairments but not Age in Autism Spectrum Disorder. Biological Psychiatry, 2012, 71, 427-433.	0.7	96
85	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.	2.5	96
86	Short-Latency Artifacts Associated with Concurrent TMSâ€“EEG. Brain Stimulation, 2013, 6, 868-876.	0.7	95
87	The effect of Î³-tACS on working memory performance in healthy controls. Brain and Cognition, 2015, 101, 51-56.	0.8	95
88	EFFICACY AND ACCEPTABILITY OF HIGH FREQUENCY REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION (rTMS) VERSUS ELECTROCONVULSIVE THERAPY (ECT) FOR MAJOR DEPRESSION: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED TRIALS. Depression and Anxiety, 2013, 30, 614-623.	2.0	93
89	Trajectories of Response to Dorsolateral Prefrontal rTMS in Major Depression: A THREE-D Study. American Journal of Psychiatry, 2019, 176, 367-375.	4.0	93
90	Reduced motor facilitation during action observation in schizophrenia: A mirror neuron deficit?. Schizophrenia Research, 2008, 102, 116-121.	1.1	90

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91	Suppression of Î³-Oscillations in the Dorsolateral Prefrontal Cortex following Long Interval Cortical Inhibition: A TMSâ€“EEG Study. Neuropsychopharmacology, 2009, 34, 1543-1551.	2.8	89
92	Investing in the Future: Stimulation of the Medial Prefrontal Cortex Reduces Discounting of Delayed Rewards. Neuropsychopharmacology, 2015, 40, 546-553.	2.8	89
93	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.	1.3	88
94	EEG Power Asymmetry and Functional Connectivity as a Marker of Treatment Effectiveness in DBS Surgery for Depression. Neuropsychopharmacology, 2014, 39, 1270-1281.	2.8	86
95	Brain Stimulation Methods to Treat Tobacco Addiction. Brain Stimulation, 2013, 6, 221-230.	0.7	84
96	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.	0.7	84
97	The effects of repetitive transcranial magnetic stimulation in the treatment of depression. Expert Review of Medical Devices, 2011, 8, 85-95.	1.4	83
98	PAS-Induced Potentiation of Cortical-Evoked Activity in the Dorsolateral Prefrontal Cortex. Neuropsychopharmacology, 2013, 38, 2545-2552.	2.8	82
99	A randomized trial of low-frequency right-prefrontal-cortex transcranial magnetic stimulation as augmentation in treatment-resistant major depression. International Journal of Neuropsychopharmacology, 2006, 9, 655.	1.0	81
100	The Relationship Between Cortical Inhibition, Antipsychotic Treatment, and the Symptoms of Schizophrenia. Biological Psychiatry, 2009, 65, 503-509.	0.7	81
101	Evidence for Cortical Inhibitory and Excitatory Dysfunction in Obsessive Compulsive Disorder. Neuropsychopharmacology, 2012, 37, 1144-1151.	2.8	81
102	A double blind randomized trial of unilateral left and bilateral prefrontal cortex transcranial magnetic stimulation in treatment resistant major depression. Journal of Affective Disorders, 2012, 139, 193-198.	2.0	81
103	Altered Transcranial Magnetic Stimulationâ€“Electroencephalographic Markers of Inhibition and Excitation in the Dorsolateral Prefrontal Cortex in Major Depressive Disorder. Biological Psychiatry, 2019, 85, 477-486.	0.7	81
104	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.	0.7	81
105	A practical guide to the use of repetitive transcranial magnetic stimulation in the treatment of depression. Brain Stimulation, 2012, 5, 287-296.	0.7	80
106	Increased cortical inhibition in persons with schizophrenia treated with clozapine. Journal of Psychopharmacology, 2008, 22, 203-209.	2.0	79
107	A study of the effectiveness of bilateral transcranial magnetic stimulation in the treatment of the negative symptoms of schizophrenia. Brain Stimulation, 2008, 1, 27-32.	0.7	78
108	1 Hz rTMS of the right orbitofrontal cortex for major depression: Safety, tolerability and clinical outcomes. European Neuropsychopharmacology, 2018, 28, 109-117.	0.3	78

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109	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.	1.4	76
110	Non-invasive brain stimulation for negative symptoms in schizophrenia: An updated systematic review and meta-analysis. Schizophrenia Research, 2018, 197, 34-44.	1.1	76
111	GABA and cortical inhibition in motor and non-motor regions using combined TMSâ€“EEG: A time analysis. Clinical Neurophysiology, 2009, 120, 1706-1710.	0.7	75
112	Evaluating a Web-Based Cognitive-Behavioral Therapy for Maladaptive Perfectionism in University Students. Journal of American College Health, 2012, 60, 357-366.	0.8	75
113	Transcranial Magnetic Stimulation. Journal of Neuropsychiatry and Clinical Neurosciences, 2002, 14, 406-415.	0.9	74
114	Priming Stimulation Enhances the Effectiveness of Low-Frequency Right Prefrontal Cortex Transcranial Magnetic Stimulation in Major Depression. Journal of Clinical Psychopharmacology, 2008, 28, 52-58.	0.7	74
115	Repetitive transcranial magnetic stimulation reveals abnormal plastic response to premotor cortex stimulation in schizophrenia. Biological Psychiatry, 2004, 56, 628-633.	0.7	73
116	The Effect of Repetitive Transcranial Magnetic Stimulation on Gamma Oscillatory Activity in Schizophrenia. PLoS ONE, 2011, 6, e22627.	1.1	72
117	A study of transcallosal inhibition in schizophrenia using transcranial magnetic stimulation. Schizophrenia Research, 2002, 56, 199-209.	1.1	71
118	Quetiapine: An Effective Antipsychotic in First-Episode Schizophrenia Despite Only Transiently High Dopamine-2 Receptor Blockade. Journal of Clinical Psychiatry, 2002, 63, 992-997.	1.1	71
119	An automated method to determine the transcranial magnetic stimulation-induced contralateral silent period. Clinical Neurophysiology, 2003, 114, 938-944.	0.7	70
120	A Functional Magnetic Resonance Imaging Study of the Effects of Low Frequency Right Prefrontal Transcranial Magnetic Stimulation in Depression. Journal of Clinical Psychopharmacology, 2007, 27, 488-492.	0.7	70
121	Imaging-Based Neurochemistry in Schizophrenia: A Systematic Review and Implications for Dysfunctional Long-Term Potentiation. Schizophrenia Bulletin, 2015, 41, 44-56.	2.3	69
122	Treatment of Bipolar Depression with Deep TMS: Results from a Double-Blind, Randomized, Parallel Group, Sham-Controlled Clinical Trial. Neuropsychopharmacology, 2017, 42, 2593-2601.	2.8	69
123	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.	1.3	69
124	The Insula: A Brain Stimulation Target for the Treatment of Addiction. Frontiers in Pharmacology, 2019, 10, 720.	1.6	69
125	High frequency repetitive transcranial magnetic stimulation reduces tobacco craving in schizophrenia. Schizophrenia Research, 2012, 139, 264-266.	1.1	68
126	Cortical Inhibitory Dysfunction in Bipolar Disorder. Journal of Clinical Psychopharmacology, 2007, 27, 493-497.	0.7	67

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127	Impaired theta-gamma coupling during working memory performance in schizophrenia. Schizophrenia Research, 2017, 189, 104-110.	1.1	67
128	Reduced Cerebellar Inhibition in Schizophrenia: A Preliminary Study. American Journal of Psychiatry, 2005, 162, 1203-1205.	4.0	66
129	PILOT STUDY OF THE CLINICAL AND COGNITIVE EFFECTS OF HIGH-FREQUENCY MAGNETIC SEIZURE THERAPY IN MAJOR DEPRESSIVE DISORDER. Depression and Anxiety, 2013, 30, 129-136.	2.0	66
130	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.	2.0	66
131	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.	2.5	66
132	Repetitive transcranial magnetic stimulation and drug addiction. International Review of Psychiatry, 2011, 23, 454-466.	1.4	64
133	A pilot double-blind sham-controlled trial of repetitive transcranial magnetic stimulation for patients with refractory schizophrenia treated with clozapine. Psychiatry Research, 2011, 188, 203-207.	1.7	64
134	A randomized trial of unilateral and bilateral prefrontal cortex transcranial magnetic stimulation in treatment-resistant major depression. Psychological Medicine, 2011, 41, 1187-1196.	2.7	63
135	Occipital bending in depression. Brain, 2014, 137, 1830-1837.	3.7	63
136	Cortical Inhibition, Excitation, and Connectivity in Schizophrenia: A Review of Insights From Transcranial Magnetic Stimulation. Schizophrenia Bulletin, 2014, 40, 685-696.	2.3	63
137	NEUROBIOLOGICAL PREDICTORS OF RESPONSE TO DORSOLATERAL PREFRONTAL CORTEX REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION IN DEPRESSION: A SYSTEMATIC REVIEW. Depression and Anxiety, 2015, 32, 871-891.	2.0	63
138	Evidence for inhibitory deficits in the prefrontal cortex in schizophrenia. Brain, 2015, 138, 483-497.	3.7	63
139	Unilateral and bilateral repetitive transcranial magnetic stimulation for treatment-resistant depression: a meta-analysis of randomized controlled trials over 2 decades. Journal of Psychiatry and Neuroscience, 2019, 44, 151-163.	1.4	62
140	A transcranial magnetic stimulation study of the effects of olanzapine and risperidone on motor cortical excitability in patients with schizophrenia. Psychopharmacology, 2002, 162, 74-81.	1.5	60
141	A randomized controlled trial of sequentially bilateral prefrontal cortex repetitive transcranial magnetic stimulation in the treatment of negative symptoms in schizophrenia. Brain Stimulation, 2012, 5, 337-346.	0.7	60
142	Hippocampal volumetrics in treatmentâ€resistant depression and schizophrenia: The devil's in Deâ€Tail. Hippocampus, 2012, 22, 9-16.	0.9	60
143	Repetitive transcranial magnetic stimulation for treatment resistant depression: Re-establishing connections. Clinical Neurophysiology, 2016, 127, 3394-3405.	0.7	58
144	Motor cortical excitability and clinical response to rTMS in depression. Journal of Affective Disorders, 2004, 82, 71-76.	2.0	57

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145	Cortical Inhibition in Motor and Non-Motor Regions: A Combined TMS-EEG Study. Clinical EEG and Neuroscience, 2008, 39, 112-117.	0.9	57
146	Repetitive transcranial magnetic stimulation of the primary motor cortex in the treatment of motor signs in Parkinson's disease: A quantitative review of the literature. Movement Disorders, 2015, 30, 750-758.	2.2	56
147	A Review of Brain Stimulation Treatments for Late-Life Depression. Current Treatment Options in Psychiatry, 2015, 2, 413-421.	0.7	55
148	Combined transcranial magnetic stimulation and electroencephalography: Its past, present and future. Brain Research, 2012, 1463, 93-107.	1.1	54
149	Meditation-Related Increases in GABAB Modulated Cortical Inhibition. Brain Stimulation, 2013, 6, 397-402.	0.7	54
150	Evidence for Increased Glutamatergic Cortical Facilitation in Children and Adolescents With Major Depressive Disorder. JAMA Psychiatry, 2013, 70, 291.	6.0	54
151	Inflammation as a treatment target in mood disorders: review. BJPsych Open, 2020, 6, e60.	0.3	54
152	The Role of Transcranial Magnetic Stimulation in Treatment-Resistant Depression: A Review. Current Pharmaceutical Design, 2012, 18, 5846-5852.	0.9	53
153	Determining optimal rTMS parameters through changes in cortical inhibition. Clinical Neurophysiology, 2014, 125, 755-762.	0.7	53
154	Systematic Review of Cognitive Effects of Electroconvulsive Therapy in Late-Life Depression. American Journal of Geriatric Psychiatry, 2016, 24, 547-565.	0.6	52
155	Clozapine, GABAB, and the Treatment of Resistant Schizophrenia. Clinical Pharmacology and Therapeutics, 2009, 86, 442-446.	2.3	50
156	An Investigation of Medial Temporal Lobe Changes and Cognition Following Antidepressant Response: A Prospective rTMS Study. Brain Stimulation, 2013, 6, 346-354.	0.7	50
157	A negative double-blind controlled trial of sequential bilateral rTMS in the treatment of bipolar depression. Journal of Affective Disorders, 2016, 198, 158-162.	2.0	50
158	Association of Repetitive Transcranial Magnetic Stimulation Treatment With Subgenual Cingulate Hyperactivity in Patients With Major Depressive Disorder. JAMA Network Open, 2019, 2, e195578.	2.8	50
159	Magnetic seizure therapy (MST) for major depressive disorder. Neuropsychopharmacology, 2020, 45, 276-282.	2.8	50
160	Magnetic seizure therapy reduces suicidal ideation and produces neuroplasticity in treatment-resistant depression. Translational Psychiatry, 2018, 8, 253.	2.4	49
161	Use of Machine Learning for Predicting Escitalopram Treatment Outcome From Electroencephalography Recordings in Adult Patients With Depression. JAMA Network Open, 2020, 3, e1918377.	2.8	49
162	Magnitude of the Placebo Response Across Treatment Modalities Used for Treatment-Resistant Depression in Adults. JAMA Network Open, 2021, 4, e2125531.	2.8	49

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163	MRI-targeted repetitive transcranial magnetic stimulation of Heschlâ€™s gyrus for refractory auditory hallucinations. Brain Stimulation, 2012, 5, 577-585.	0.7	48
164	Inhibitory deficits in the dorsolateral prefrontal cortex in psychopathic offenders. Cortex, 2013, 49, 1377-1385.	1.1	48
165	A pilot investigation of an intensive theta burst stimulation protocol for patients with treatment resistant depression. Brain Stimulation, 2020, 13, 137-144.	0.7	48
166	Deep Brain Stimulation Modulates Gamma Oscillations and Thetaâ€“Gamma Coupling in Treatment Resistant Depression. Brain Stimulation, 2015, 8, 1033-1042.	0.7	47
167	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.	1.4	47
168	Neurophysiological biomarkers using transcranial magnetic stimulation in Alzheimerâ€™s disease and mild cognitive impairment: A systematic review and meta-analysis. Neuroscience and Biobehavioral Reviews, 2021, 121, 47-59.	2.9	47
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