

# Frank Padberg

## List of Publications by Year in descending order

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167  
papers

12,554  
citations

36303

51  
h-index

28297

105  
g-index

182  
all docs

182  
docs citations

182  
times ranked

9978  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS). <i>Clinical Neurophysiology</i> , 2014, 125, 2150-2206.	1.5	1,647
2	Evidence-based guidelines on the therapeutic use of transcranial direct current stimulation (tDCS). <i>Clinical Neurophysiology</i> , 2017, 128, 56-92.	1.5	1,213
3	Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS): An update (2014–2018). <i>Clinical Neurophysiology</i> , 2020, 131, 474-528.	1.5	1,017
4	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.	1.5	553
5	Prefrontal Transcranial Direct Current Stimulation Changes Connectivity of Resting-State Networks during fMRI. <i>Journal of Neuroscience</i> , 2011, 31, 15284-15293.	3.6	501
6	Transcranial magnetic stimulation in therapy studies: examination of the reliability of “standard” coil positioning by neuronavigation. <i>Biological Psychiatry</i> , 2001, 50, 58-61.	1.3	330
7	Transcranial direct current stimulation for acute major depressive episodes: Meta-analysis of individual patient data. <i>British Journal of Psychiatry</i> , 2016, 208, 522-531.	2.8	300
8	Efficacy and safety of deep transcranial magnetic stimulation for major depression: a prospective multicenter randomized controlled trial. <i>World Psychiatry</i> , 2015, 14, 64-73.	10.4	293
9	Repetitive transcranial magnetic stimulation (rTMS) in pharmacotherapy-refractory major depression: comparative study of fast, slow and sham rTMS. <i>Psychiatry Research</i> , 1999, 88, 163-171.	3.3	274
10	Differential Diagnosis of Alzheimer Disease With Cerebrospinal Fluid Levels of Tau Protein Phosphorylated at Threonine 231. <i>Archives of Neurology</i> , 2002, 59, 1267.	4.5	256
11	Antidepressant effects of augmentative transcranial magnetic stimulation. <i>British Journal of Psychiatry</i> , 2007, 191, 441-448.	2.8	174
12	Striatal dopamine release after prefrontal repetitive transcranial magnetic stimulation in major depression: Preliminary results of a dynamic [123I] IBZM SPECT study. <i>Journal of Psychiatric Research</i> , 2006, 40, 307-314.	3.1	161
13	Evaluation of Sham Transcranial Direct Current Stimulation for Randomized, Placebo-Controlled Clinical Trials. <i>Brain Stimulation</i> , 2013, 6, 690-695.	1.6	161
14	Repetitive transcranial magnetic stimulation of the prefrontal cortex in depression. <i>Experimental Neurology</i> , 2009, 219, 2-13.	4.1	160
15	Plasma Concentrations of Neuroactive Steroids before and after Repetitive Transcranial Magnetic Stimulation (rTMS) in Major Depression. <i>Neuropsychopharmacology</i> , 2002, 27, 874-878.	5.4	145
16	Sham tDCS: A hidden source of variability? Reflections for further blinded, controlled trials. <i>Brain Stimulation</i> , 2019, 12, 668-673.	1.6	137
17	Theta Burst Stimulation of the Prefrontal Cortex: Safety and Impact on Cognition, Mood, and Resting Electroencephalogram. <i>Biological Psychiatry</i> , 2009, 65, 778-784.	1.3	133
18	Skin lesions after treatment with transcranial direct current stimulation (tDCS). <i>Brain Stimulation</i> , 2008, 1, 386-387.	1.6	128

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19	tDCS for the treatment of depression: a comprehensive review. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2016, 266, 681-694.	3.2	127
20	Noninvasive brain stimulation in psychiatric disorders: a primer. <i>Revista Brasileira De Psiquiatria</i> , 2019, 41, 70-81.	1.7	112
21	Prefrontal Transcranial Direct Current Stimulation for Treatment of Schizophrenia With Predominant Negative Symptoms: A Double-Blind, Sham-Controlled Proof-of-Concept Study. <i>Schizophrenia Bulletin</i> , 2016, 42, 1253-1261.	4.3	110
22	Value of event-related P300 subcomponents in the clinical diagnosis of mild cognitive impairment and Alzheimer's Disease. <i>Psychophysiology</i> , 2002, 39, 175-181.	2.4	109
23	Motor Cortical Excitability Assessed by Transcranial Magnetic Stimulation in Psychiatric Disorders: A Systematic Review. <i>Brain Stimulation</i> , 2014, 7, 158-169.	1.6	105
24	Simultaneous rTMS and psychotherapy in major depressive disorder: Clinical outcomes and predictors from a large naturalistic study. <i>Brain Stimulation</i> , 2018, 11, 337-345.	1.6	104
25	Acute prefrontal rTMS increases striatal dopamine to a similar degree as d-amphetamine. <i>Psychiatry Research - Neuroimaging</i> , 2007, 156, 251-255.	1.8	103
26	Repetitive Transcranial Magnetic Stimulation (rTMS) in Major Depression Relation between Efficacy and Stimulation Intensity. <i>Neuropsychopharmacology</i> , 2002, 27, 638-45.	5.4	98
27	A systematic review and meta-analysis on placebo response to repetitive transcranial magnetic stimulation for depression trials. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 105-113.	4.8	97
28	Efficacy and acceptability of transcranial direct current stimulation (tDCS) for major depressive disorder: An individual patient data meta-analysis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 99, 109836.	4.8	96
29	Discriminant power of combined cerebrospinal fluid I <sub>1</sub> protein and of the soluble interleukin-6 receptor complex in the diagnosis of Alzheimer's disease   Preliminary parts of this study have been presented in abstract form at the 6th International Conference on Alzheimer's Disease and Related Disorders, July 18-23, 1998, Amsterdam, The Netherlands and at the 28th Annual Meeting of the Society for Neuroscience, November 7-12, 1998, Los Angeles, CA, USA. 1. <i>Brain Research</i> , 1999, 823, 104-112.	2.2	90
30	Comparison of racemic ketamine and S-ketamine in treatment-resistant major depression: Report of two cases. <i>World Journal of Biological Psychiatry</i> , 2009, 10, 241-244.	2.6	85
31	Home Use, Remotely Supervised, and Remotely Controlled Transcranial Direct Current Stimulation: A Systematic Review of the Available Evidence. <i>Neuromodulation</i> , 2018, 21, 323-333.	0.8	85
32	Differentiation of Geriatric Major Depression From Alzheimer's Disease With CSF Tau Protein Phosphorylated at Threonine 231. <i>American Journal of Psychiatry</i> , 2003, 160, 376-379.	7.2	83
33	Transcranial direct current stimulation in children and adolescents: a comprehensive review. <i>Journal of Neural Transmission</i> , 2016, 123, 1219-1234.	2.8	81
34	Controversy: Repetitive transcranial magnetic stimulation or transcranial direct current stimulation shows efficacy in treating psychiatric diseases (depression, mania, schizophrenia,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 137 7d (obsess		
35	Effects of social exclusion on emotions and oxytocin and cortisol levels in patients with chronic depression. <i>Journal of Psychiatric Research</i> , 2015, 60, 170-177.	3.1	73
36	Repetitive transcranial magnetic stimulation treatment for depressive disorders. <i>Current Opinion in Psychiatry</i> , 2019, 32, 409-415.	6.3	72

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37	Efficacy and Safety of Transcranial Direct Current Stimulation for Treating Negative Symptoms in Schizophrenia. <i>JAMA Psychiatry</i> , 2020, 77, 121.	11.0	72
38	Occurrence of delusions during repetitive transcranial magnetic stimulation (rTMS) in major depression. <i>Biological Psychiatry</i> , 2002, 51, 602-603.	1.3	69
39	The Role of Contact Media at the Skin-electrode Interface During Transcranial Direct Current Stimulation (tDCS). <i>Brain Stimulation</i> , 2014, 7, 762-764.	1.6	66
40	Bidirectional variability in motor cortex excitability modulation following 1ÂmA transcranial direct current stimulation in healthy participants. <i>Physiological Reports</i> , 2016, 4, e12884.	1.7	66
41	Patterns of response to repetitive transcranial magnetic stimulation (rTMS) in major depression: Replication study in drug-free patients. <i>Journal of Affective Disorders</i> , 2008, 108, 59-70.	4.1	65
42	Interleukin-6 is not altered in cerebrospinal fluid of first-degree relatives and patients with Alzheimer's disease. <i>Neuroscience Letters</i> , 1997, 228, 143-146.	2.1	63
43	Cerebrospinal fluid tau protein shows a better discrimination in young old (<70 years) than in old old patients with Alzheimer's disease compared with controls. <i>Neuroscience Letters</i> , 1999, 277, 21-24.	2.1	62
44	Non-invasive Brain Stimulation Therapy in Multiple Sclerosis: AÂReview of tDCS, rTMS and ECT Results. <i>Brain Stimulation</i> , 2014, 7, 849-854.	1.6	60
45	Vigabatrin Decreases Cholecystokinin-Tetrapeptide (CCK-4) Induced Panic in Healthy Volunteers. <i>Neuropsychopharmacology</i> , 2001, 25, 699-703.	5.4	59
46	Pattern of interleukin-6 receptor complex immunoreactivity between cortical regions of rapid autopsy normal and Alzheimer's disease brain. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2005, 255, 269-278.	3.2	59
47	Repeated SâKetamine Infusions in Therapy Resistant Depression: A Case Series. <i>Journal of Clinical Pharmacology</i> , 2013, 53, 996-998.	2.0	57
48	Interleukin-6 and the soluble IL-6 receptor are decreased in cerebrospinal fluid of geriatric patients with major depression: no alteration of soluble gp130. <i>Neuroscience Letters</i> , 1999, 259, 145-148.	2.1	56
49	Antidepressant medications and other treatments of depressive disorders: a CINP Task Force report based on a review of evidence. <i>International Journal of Neuropsychopharmacology</i> , 2007, 10, S1-207.	2.1	55
50	Attenuation of hypothalamic-pituitary-adrenocortical hyperactivity in depressed patients by mirtazapine. <i>Psychopharmacology</i> , 2003, 166, 271-275.	3.1	54
51	Oxytocin course over pregnancy and postpartum period and the association with postpartum depressive symptoms. <i>Archives of Women's Mental Health</i> , 2016, 19, 571-579.	2.6	54
52	Decreased soluble interleukin-6 receptor in cerebrospinal fluid of patients with Alzheimer's disease. <i>Brain Research</i> , 1998, 780, 356-359.	2.2	52
53	Dopaminergic mechanisms of target detection â€” P300 event related potential and striatal dopamine. <i>Psychiatry Research - Neuroimaging</i> , 2011, 194, 212-218.	1.8	52
54	Lower Oxytocin Plasma Levels in Borderline Patients with Unresolved Attachment Representations. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 125.	2.0	51

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55	Cognitive effects of transcranial direct current stimulation treatment in patients with major depressive disorder: An individual patient data meta-analysis of randomised, sham-controlled trials. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 90, 137-145.	6.1	51
56	The vicious circle of social exclusion and psychopathology: a systematic review of experimental ostracism research in psychiatric disorders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 521-532.	3.2	51
57	Repetitive Transcranial Magnetic Stimulation. <i>CNS Drugs</i> , 2003, 17, 383-403.	5.9	50
58	Effects of transcranial random noise stimulation (tRNS) on affect, pain and attention in multiple sclerosis. <i>Restorative Neurology and Neuroscience</i> , 2016, 34, 189-199.	0.7	50
59	A perfect match: noninvasive brain stimulation and psychotherapy. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2014, 264, 27-33.	3.2	49
60	Influence of Sleep Deprivation on Neuroactive Steroids in Major Depression. <i>Neuropsychopharmacology</i> , 2003, 28, 577-581.	5.4	48
61	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.	3.2	46
62	Intermittent theta burst stimulation (iTBS) ameliorates therapy-resistant depression: A case series. <i>Brain Stimulation</i> , 2010, 3, 181-183.	1.6	45
63	Prefrontal transcranial direct current stimulation (tDCS) as treatment for major depression: study design and methodology of a multicenter triple blind randomized placebo controlled trial (DepressionDC). <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 751-766.	3.2	44
64	Cognitive outcomes of TMS treatment in bipolar depression: Safety data from a randomized controlled trial. <i>Journal of Affective Disorders</i> , 2018, 235, 20-26.	4.1	44
65	Social Exclusion Leads to Divergent Changes of Oxytocin Levels in Borderline Patients and Healthy Subjects. <i>Psychotherapy and Psychosomatics</i> , 2014, 83, 252-254.	8.8	43
66	Imaging transcranial direct current stimulation (tDCS) of the prefrontal cortex—correlation or causality in stimulation-mediated effects?. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 69, 333-356.	6.1	43
67	Prefrontal tDCS and sertraline in obsessive compulsive disorder: a case report and review of the literature. <i>Neurocase</i> , 2017, 23, 173-177.	0.6	41
68	Safety and acceptability of transcranial direct current stimulation for the acute treatment of major depressive episodes: Analysis of individual patient data. <i>Journal of Affective Disorders</i> , 2017, 221, 1-5.	4.1	40
69	Plasma biomarkers in a placebo-controlled trial comparing tDCS and escitalopram efficacy in major depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 86, 211-217.	4.8	40
70	Transcranial Magnetic Stimulation for Panic. <i>American Journal of Psychiatry</i> , 2002, 159, 315-a-316.	7.2	39
71	Test-retest reliability of prefrontal transcranial Direct Current Stimulation (tDCS) effects on functional MRI connectivity in healthy subjects. <i>NeuroImage</i> , 2017, 155, 187-201.	4.2	39
72	Effects of tiagabine on cholecystokinin-tetrapeptide (CCK-4)-induced anxiety in healthy volunteers. <i>Depression and Anxiety</i> , 2003, 18, 140-143.	4.1	38

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73	1-Hz rTMS in the treatment of tinnitus: A sham-controlled, randomized multicenter trial. <i>Brain Stimulation</i> , 2017, 10, 1112-1120.	1.6	38
74	Tiagabine Improves Panic and Agoraphobia in Panic Disorder Patients. <i>Journal of Clinical Psychiatry</i> , 2001, 62, 656-657.	2.2	38
75	Prefrontal transcranial direct current stimulation (tDCS) changes negative symptoms and functional connectivity MRI (fcMRI) in a single case of treatment-resistant schizophrenia. <i>Schizophrenia Research</i> , 2013, 150, 583-585.	2.0	37
76	Neuropsychopharmacological properties of neuroactive steroids in depression and anxiety disorders. <i>Psychopharmacology</i> , 2006, 186, 373-387.	3.1	35
77	Neuro-Cardiac-Guided TMS (NCG-TMS): Probing DLPFC-sgACC-vagus nerve connectivity using heart rate " First results. <i>Brain Stimulation</i> , 2017, 10, 1006-1008.	1.6	35
78	Association between tDCS computational modeling and clinical outcomes in depression: data from the ELECT-TDCS trial. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 101-110.	3.2	35
79	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.	1.6	33
80	Response to ostracism in patients with chronic depression, episodic depression and borderline personality disorder a study using Cyberball. <i>Journal of Affective Disorders</i> , 2020, 260, 254-262.	4.1	33
81	Prefrontal Cortex Modulation of Mood and Emotionally Induced Facial Expressions. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2001, 13, 206-212.	1.8	31
82	Improving working memory in schizophrenia: Effects of 1mA and 2mA transcranial direct current stimulation to the left DLPFC. <i>Schizophrenia Research</i> , 2018, 202, 203-209.	2.0	31
83	Transcranial direct current stimulation in a patient with therapy-resistant major depression. <i>World Journal of Biological Psychiatry</i> , 2009, 10, 632-635.	2.6	30
84	Transcranial random noise stimulation for the treatment of negative symptoms in schizophrenia. <i>Schizophrenia Research</i> , 2013, 146, 372-373.	2.0	30
85	Switch to Mania After Slow rTMS of the Right Prefrontal Cortex. <i>Journal of Clinical Psychiatry</i> , 2002, 63, 249.	2.2	30
86	Influence of repetitive transcranial magnetic stimulation on psychomotor symptoms in major depression. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2010, 260, 197-202.	3.2	27
87	Effects of antidepressant pharmacotherapy after repetitive transcranial magnetic stimulation in major depression: an open follow-up study. <i>Journal of Psychiatric Research</i> , 2003, 37, 145-153.	3.1	24
88	The Role of Self-Esteem in Depression: A Longitudinal Study. <i>Behavioural and Cognitive Psychotherapy</i> , 2019, 47, 244-250.	1.2	24
89	Bifrontal transcranial direct current stimulation modulates fatigue in multiple sclerosis: a randomized sham-controlled study. <i>Journal of Neural Transmission</i> , 2020, 127, 953-961.	2.8	23
90	Relation between responses to repetitive transcranial magnetic stimulation and partial sleep deprivation in major depression. <i>Journal of Psychiatric Research</i> , 2002, 36, 131-135.	3.1	22

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91	Efficacy and safety of transcranial direct current stimulation as an add-on treatment for obsessive-compulsive disorder: a randomized, sham-controlled trial. <i>Neuropsychopharmacology</i> , 2021, 46, 1028-1034.	5.4	22
92	Transcranial and Deep Brain Stimulation Approaches as Treatment for Depression. <i>Clinical EEG and Neuroscience</i> , 2007, 38, 105-115.	1.7	21
93	Effects of repetitive transcranial magnetic stimulation (rTMS) on panic attacks induced by cholecystokinin-tetrapeptide (CCK-4). <i>International Journal of Neuropsychopharmacology</i> , 2007, 10, 285.	2.1	21
94	Gamma transcranial alternating current stimulation improves mood and cognition in patients with major depression. <i>Journal of Psychiatric Research</i> , 2020, 130, 31-34.	3.1	21
95	Clinical patterns differentially predict response to transcranial direct current stimulation (tDCS) and escitalopram in major depression: A machine learning analysis of the ELECT-TDCS study. <i>Journal of Affective Disorders</i> , 2020, 265, 460-467.	4.1	21
96	Impairments in motor-cortical inhibitory networks across recent-onset and chronic schizophrenia: A cross-sectional TMS Study. <i>Behavioural Brain Research</i> , 2014, 264, 17-25.	2.2	20
97	Cathodal tDCS Over Motor Cortex Does Not Improve Tourette Syndrome: Lessons Learned From a Case Series. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 194.	2.0	20
98	Distinct trajectories of response to prefrontal tDCS in major depression: results from a 3-arm randomized controlled trial. <i>Neuropsychopharmacology</i> , 2021, 46, 774-782.	5.4	19
99	Precision non-implantable neuromodulation therapies: a perspective for the depressed brain. <i>Revista Brasileira De Psiquiatria</i> , 2020, 42, 403-419.	1.7	19
100	Testing assumptions on prefrontal transcranial direct current stimulation: Comparison of electrode montages using multimodal fMRI. <i>Brain Stimulation</i> , 2018, 11, 998-1007.	1.6	18
101	Cognitive Behavioral Analysis System of Psychotherapy as group psychotherapy for chronically depressed inpatients: a naturalistic multicenter feasibility trial. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 783-796.	3.2	18
102	Neuro-Cardiac-Guided TMS (NCG TMS): A replication and extension study. <i>Biological Psychology</i> , 2021, 162, 108097.	2.2	18
103	Efficacy of Augmentation of Cognitive Behavioral Therapy With Transcranial Direct Current Stimulation for Depression. <i>JAMA Psychiatry</i> , 2022, 79, 528.	11.0	18
104	Transcranial alternating current stimulation for the treatment of major depression during pregnancy. <i>Psychiatry Research</i> , 2019, 279, 399-400.	3.3	17
105	Effects of bifrontal transcranial direct current stimulation on brain glutamate levels and resting state connectivity: multimodal MRI data for the cathodal stimulation site. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 111-122.	3.2	17
106	Concurrent TMS-fMRI: Technical Challenges, Developments, and Overview of Previous Studies. <i>Frontiers in Psychiatry</i> , 2022, 13, 825205.	2.6	17
107	Sleep deprivation and hypothalamic-pituitary-adrenal (HPA) axis activity in depressed patients. <i>Journal of Psychiatric Research</i> , 2001, 35, 239-247.	3.1	16
108	Effects of tDCS on neuroplasticity and inflammatory biomarkers in bipolar depression: Results from a sham-controlled study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 105, 110119.	4.8	16

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109	Transcranial Direct Current Stimulation (tDCS) for Depression during Pregnancy: Scientific Evidence and What Is Being Said in the Media—A Systematic Review. <i>Brain Sciences</i> , 2018, 8, 155.	2.3	15
110	Transcranial direct current stimulation in obsessive-compulsive disorder: an update in electric field modeling and investigations for optimal electrode montage. <i>Expert Review of Neurotherapeutics</i> , 2019, 19, 1025-1035.	2.8	15
111	The intervention, the patient and the illness — Personalizing non-invasive brain stimulation in psychiatry. <i>Experimental Neurology</i> , 2021, 341, 113713.	4.1	15
112	Appraising the effectiveness of electrical and magnetic brain stimulation techniques in acute major depressive episodes: an umbrella review of meta-analyses of randomized controlled trials. <i>Revista Brasileira De Psiquiatria</i> , 2021, 43, 514-524.	1.7	15
113	Effects of 1ÂmA and 2ÂmA transcranial direct current stimulation on working memory performance in healthy participants. <i>Consciousness and Cognition</i> , 2020, 83, 102959.	1.5	14
114	Transcranial direct current stimulation (tDCS) for treatment of phobic postural vertigo: an open label pilot study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019, 269, 269-272.	3.2	13
115	Cognitive changes after tDCS and escitalopram treatment in major depressive disorder: Results from the placebo-controlled ELECT-TDCS trial. <i>Journal of Affective Disorders</i> , 2020, 263, 344-352.	4.1	13
116	Gamma transcranial alternating current stimulation in patients with negative symptoms in schizophrenia: A case series. <i>Neurophysiologie Clinique</i> , 2020, 50, 301-304.	2.2	13
117	Differences in electric field strength between clinical and non-clinical populations induced by prefrontal tDCS: A cross-diagnostic, individual MRI-based modeling study. <i>NeuroImage: Clinical</i> , 2022, 34, 103011.	2.7	13
118	Neuroactive Steroids in Responders and Nonresponders to Sleep Deprivation. <i>Annals of the New York Academy of Sciences</i> , 2004, 1032, 216-223.	3.8	12
119	Chapter 42 Prefrontal cortex stimulation as antidepressant treatment: mode of action and clinical effectiveness of rTMS. <i>Supplements To Clinical Neurophysiology</i> , 2003, 56, 406-432.	2.1	11
120	Non-invasive modulation reduces repetitive behavior in a rat model through the sensorimotor cortico-striatal circuit. <i>Translational Psychiatry</i> , 2018, 8, 11.	4.8	11
121	The role of oxytocin in delay of gratification and flexibility in non-social decision making. <i>ELife</i> , 2021, 10, .	6.0	11
122	Clinical Features, Neuropsychology and Neuroimaging in Bipolar and Borderline Personality Disorder: A Systematic Review of Cross-Diagnostic Studies. <i>Frontiers in Psychiatry</i> , 2021, 12, 681876.	2.6	11
123	Safety of Repeated Twice-daily 30 Minutes of 2 mA tDCS in Depressed Patients. <i>International Neuropsychiatric Disease Journal</i> , 2015, 4, 168-171.	0.1	11
124	No association between anti-myelin oligodendrocyte glycoprotein antibodies and serum/cerebrospinal fluid levels of the soluble interleukin-6 receptor complex in multiple sclerosis. <i>Neuroscience Letters</i> , 2001, 305, 13-16.	2.1	10
125	Transcranial Direct Current Stimulation (tDCS) for Depression during Pregnancy: Results from an Open-Label Pilot Study. <i>Brain Sciences</i> , 2021, 11, 947.	2.3	10
126	Influence of repetitive transcranial magnetic stimulation on special symptoms in depressed patients. <i>Restorative Neurology and Neuroscience</i> , 2010, 28, 577-586.	0.7	9



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127	Classification of unipolar and bipolar depression using machine learning techniques. <i>Psychiatry Research</i> , 2021, 295, 113624.	3.3	8
128	Effects of Low Frequency Prefrontal Repetitive Transcranial Magnetic Stimulation on the N2 Amplitude in a GoNogo Task. <i>PLoS ONE</i> , 2013, 8, e67136.	2.5	8
129	The effects of transcranial direct current stimulation on sleep in patients with multiple sclerosisâ€”A pilot study. <i>Neurophysiologie Clinique</i> , 2022, 52, 28-32.	2.2	8
130	Changes in CCK-4 induced panic after treatment with the GABA-reuptake inhibitor tiagabine are associated with an increase in 3Î±,5Î±-tetrahydrodeoxycorticosterone concentrations. <i>Psychoneuroendocrinology</i> , 2009, 34, 1586-1589.	2.7	7
131	Discovering the individual brain: brain stimulation in psychiatry. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 109-112.	3.2	7
132	Self-esteem fully mediates positive life events and depressive symptoms in a sample of 173 patients with affective disorders. <i>Psychology and Psychotherapy: Theory, Research and Practice</i> , 2020, 93, 21-35.	2.5	7
133	Role of psychiatric hospitals during a pandemic: introducing the Munich Psychiatric COVID-19 Pandemic Contingency Plan. <i>BJPsych Open</i> , 2021, 7, e41.	0.7	7
134	Cognitive outcomes after tDCS in schizophrenia patients with prominent negative symptoms: Results from the placebo-controlled STARTS trial. <i>Schizophrenia Research</i> , 2021, 235, 44-51.	2.0	7
135	There is no magic in speaker policies: creating gender equality at brain stimulation conferences. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 113-114.	3.2	6
136	Prefrontal direct current stimulation in hoarding disorder: A case report. <i>Brain Stimulation</i> , 2018, 11, 634-635.	1.6	6
137	Effects of Transcranial Direct Current Stimulation on Information Processing Speed, Working Memory, Attention, and Social Cognition in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2020, 11, 545377.	2.4	6
138	Treatment of major depressive disorder with bilateral theta burst stimulation: study protocol for a randomized, double-blind, placebo-controlled multicenter trial (TBS-D). <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 1231-1243.	3.2	6
139	Sequential Social Exclusion in a Novel Cyberball Paradigm Leads to Reduced Behavioral Repair and Plasma Oxytocin in Borderline Personality Disorder. <i>Journal of Personality Disorders</i> , 2022, 36, 99-115.	1.4	6
140	Chronic vs non-chronic depression in psychiatric inpatient care - Data from a large naturalistic multicenter trial. <i>Journal of Affective Disorders</i> , 2022, 299, 73-84.	4.1	6
141	A study protocol for an ongoing multi-arm, randomized, double-blind, sham-controlled clinical trial with digital features, using portable transcranial electrical stimulation and internet-based behavioral therapy for major depression disorders: The PSYLECT study. <i>Expert Review of Neurotherapeutics</i> , 2022, 22, 513-523.	2.8	5
142	The Effects of Transcranial Direct Current Stimulation (tDCS) on Psychomotor and Visual Perception Functions Related to Driving Skills. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 16.	2.0	4
143	Predicting instructed simulation and dissimulation when screening for depressive symptoms. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 153-168.	3.2	4
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