# Yoshihiro Noda

List of Publications by Year
in descending order

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|---|---|---|---|
| 291 papers | 10,278 citations | 50170 46 h-index | 56606 83 g-index |
| 295 all docs | 295 docs citations | 295 times ranked | 9314 citing authors |

| # | 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. | 6.3 | 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. | 0.9 | 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. | 0.7 | 281 |
| 4 | Clinical utility and prospective of TMSâ€“EEG. Clinical Neurophysiology, 2019, 130, 802-844. | 0.7 | 276 |
| 5 | Evidence of Cortical Inhibitory Deficits in Major Depressive Disorder. Biological Psychiatry, 2010, 67, 458-464. | 0.7 | 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. | 6.3 | 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. | 4.1 | 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. | 0.7 | 217 |
| 9 | Gut microbiota and major depressive disorder: A systematic review and meta-analysis. Journal of Affective Disorders, 2020, 266, 1-13. | 2.0 | 217 |
| 10 | Kynurenine pathway in depression: A systematic review and meta-analysis. Neuroscience and Biobehavioral Reviews, 2018, 90, 16-25. | 2.9 | 199 |
| 11 | <p>Management of Treatment-Resistant Depression: Challenges and Strategies</p>. Neuropsychiatric Disease and Treatment, 2020, Volume 16, 221-234. | 1.0 | 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. | 0.7 | 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. | 1.3 | 131 |
| 14 | The Neural Crossroads of Psychiatric Illness: An Emerging Target for Brain Stimulation. Trends in Cognitive Sciences, 2016, 20, 107-120. | 4.0 | 130 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | Can Repetitive Magnetic Stimulation Improve Cognition in Schizophrenia? Pilot Data from a Randomized Controlled Trial. Biological Psychiatry, 2013, 73, 510-517. | 0.7 | 116 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | 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 |
| 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. | 2.8 | 104 |
| 22 | Indicators for Remission of Suicidal Ideation Following Magnetic Seizure Therapy in Patients With Treatment-Resistant Depression. JAMA Psychiatry, 2016, 73, 337. | 6.0 | 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. | 2.5 | 96 |
| 24 | 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 |
| 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. | 1.3 | 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. | 2.7 | 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. | 0.7 | 84 |
| 28 | PAS-Induced Potentiation of Cortical-Evoked Activity in the Dorsolateral Prefrontal Cortex. Neuropsychopharmacology, 2013, 38, 2545-2552. | 2.8 | 82 |
| 29 | 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 |
| 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. | 0.7 | 81 |
| 31 | A Systematic Approach to Pharmacotherapy for Geriatric Major Depression. Clinics in Geriatric Medicine, 2014, 30, 517-534. | 1.0 | 80 |
| 32 | Alterations of local spontaneous brain activity and connectivity in adults with high-functioning autism spectrum disorder. Molecular Autism, 2015, 6, 30. | 2.6 | 78 |
| 33 | 1 Hz rTMS of the right orbitofrontal cortex for major depression: Safety, tolerability and clinical outcomes. European Neuropsychopharmacology, 2018, 28, 109-117. | 0.3 | 78 |
| 34 | Guidelines for TMS/tES clinical services and research through the COVID-19 pandemic. Brain Stimulation, 2020, 13, 1124-1149. | 0.7 | 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. | 1.4 | 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. | 1.3 | 69 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | The Insula: A Brain Stimulation Target for the Treatment of Addiction. Frontiers in Pharmacology, 2019, 10, 720. | 1.6 | 69 |
| 38 | Six-Year Stability of Affective Temperaments as Measured by TEMPS-A. Psychopathology, 2010, 43, 240-247. | 1.1 | 67 |
| 39 | Impaired theta-gamma coupling during working memory performance in schizophrenia. Schizophrenia Research, 2017, 189, 104-110. | 1.1 | 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. | 2.0 | 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. | 2.5 | 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. | 2.0 | 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. | 4.1 | 60 |
| 44 | A Review of Brain Stimulation Treatments for Late-Life Depression. Current Treatment Options in Psychiatry, 2015, 2, 413-421. | 0.7 | 55 |
| 45 | Systematic Review of Cognitive Effects of Electroconvulsive Therapy in Late-Life Depression. American Journal of Geriatric Psychiatry, 2016, 24, 547-565. | 0.6 | 52 |
| 46 | Magnetic seizure therapy (MST) for major depressive disorder. Neuropsychopharmacology, 2020, 45, 276-282. | 2.8 | 50 |
| 47 | Levels of glutamatergic neurometabolites in patients with severe treatment-resistant schizophrenia: a proton magnetic resonance spectroscopy study. Neuropsychopharmacology, 2020, 45, 632-640. | 2.8 | 50 |
| 48 | Magnitude of the Placebo Response Across Treatment Modalities Used for Treatment-Resistant Depression in Adults. JAMA Network Open, 2021, 4, e2125531. | 2.8 | 49 |
| 49 | MRI-targeted repetitive transcranial magnetic stimulation of Heschlâ€™s gyrus for refractory auditory hallucinations. Brain Stimulation, 2012, 5, 577-585. | 0.7 | 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. | 1.4 | 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. | 2.0 | 47 |
| 52 | 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 |
| 53 | Motor cortex excitability and inhibitory imbalance in autism spectrum disorder assessed with transcranial magnetic stimulation: a systematic review. Translational Psychiatry, 2019, 9, 110. | 2.4 | 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. | 1.1 | 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. | 1.6 | 44 |
| 56 | Sunk Cost Effect in Individuals with Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2019, 49, 1-10. | 1.7 | 44 |
| 57 | Dopaminergic dysfunction and excitatory/inhibitory imbalance in treatment-resistant schizophrenia and novel neuromodulatory treatment. Molecular Psychiatry, 2022, 27, 2950-2967. | 4.1 | 44 |
| 58 | Impaired neuroplasticity in the prefrontal cortex in depression indexed through paired associative stimulation. Depression and Anxiety, 2018, 35, 448-456. | 2.0 | 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. | 0.3 | 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. | 2.6 | 41 |
| 61 | Norepinephrine Transporter Gene Variants and Remission From Depression With Venlafaxine Treatment in Older Adults. American Journal of Psychiatry, 2017, 174, 468-475. | 4.0 | 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. | 3.2 | 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. | 0.7 | 41 |
| 64 | Clozapine potentiation of GABA mediated cortical inhibition in treatment resistant schizophrenia. Schizophrenia Research, 2015, 165, 157-162. | 1.1 | 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. | 2.0 | 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. | 0.6 | 40 |
| 67 | A meta-analysis of transcranial direct current stimulation for schizophrenia: â€œIs more better?â€• Journal of Psychiatric Research, 2019, 110, 117-126. | 1.5 | 40 |
| 68 | Early symptom improvement at 10 sessions as a predictor of rTMS treatment outcome in major depression. Brain Stimulation, 2018, 11, 181-189. | 0.7 | 39 |
| 69 | Treatmentâ€•resistant major depressive disorder: Canadian expert consensus on definition and assessment. Depression and Anxiety, 2021, 38, 456-467. | 2.0 | 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. | 3.7 | 36 |
| 71 | Potentiation of quantitative electroencephalograms following prefrontal repetitive transcranial magnetic stimulation in patients with major depression. Neuroscience Research, 2013, 77, 70-77. | 1.0 | 35 |
| 72 | Unilateral and bilateral repetitive transcranial magnetic stimulation for treatmentâ€•resistant lateâ€•life depression. International Journal of Geriatric Psychiatry, 2019, 34, 822-827. | 1.3 | 35 |

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|---|---|---|---|
| 73 | Attitudes toward risk and ambiguity in patients with autism spectrum disorder. Molecular Autism, 2017, 8, 45. | 2.6 | 34 |
| 74 | Effect of Education on Alzheimerâ€™s Disease-Related Neuroimaging Biomarkers in Healthy Controls, and Participants with Mild Cognitive Impairment and Alzheimerâ€™s Disease: A Cross-Sectional Study. Journal of Alzheimer's Disease, 2018, 63, 861-869. | 1.2 | 34 |
| 75 | Reduced GABAergic cortical inhibition in aging and depression. Neuropsychopharmacology, 2018, 43, 2277-2284. | 2.8 | 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. | 2.0 | 34 |
| 77 | Trends in big data analyses by multicenter collaborative translational research in psychiatry. Psychiatry and Clinical Neurosciences, 2022, 76, 1-14. | 1.0 | 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. | 1.0 | 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. | 1.0 | 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. | 2.0 | 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. | 2.5 | 33 |
| 82 | Transcranial direct current stimulation (tDCS) for depression in pregnancy: A pilot randomized controlled trial. Brain Stimulation, 2019, 12, 1475-1483. | 0.7 | 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. | 0.7 | 32 |
| 84 | Neurophysiological effects of repetitive transcranial magnetic stimulation (rTMS) in treatment resistant depression. Clinical Neurophysiology, 2021, 132, 2306-2316. | 0.7 | 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. | 0.9 | 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. | 1.1 | 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. | 1.5 | 30 |
| 88 | Implementation of intermittent theta burst stimulation compared to conventional repetitive transcranial magnetic stimulation in patients with treatment resistant depression: AÂcost analysis. PLoS ONE, 2019, 14, e0222546. | 1.1 | 30 |
| 89 | Cardiovascular differences between sham and active iTBS related to treatment response in MDD. Brain Stimulation, 2020, 13, 167-174. | 0.7 | 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. | 2.3 | 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. | 0.7 | 29 |
| 92 | Selective modulation of brain network dynamics by seizure therapy in treatment-resistant depression. NeuroImage: Clinical, 2018, 20, 1176-1190. | 1.4 | 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. | 2.5 | 28 |
| 94 | The P300 event-related potential in bipolar disorder: A systematic review and meta-analysis. Journal of Affective Disorders, 2019, 256, 234-249. | 2.0 | 28 |
| 95 | White matter alterations in autism spectrum disorder and attention-deficit/hyperactivity disorder in relation to sensory profile. Molecular Autism, 2020, 11, 77. | 2.6 | 28 |
| 96 | Caution at psychiatryâ€™s psychedelic frontier. Nature Medicine, 2021, 27, 1687-1688. | 15.2 | 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. | 1.6 | 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. | 1.1 | 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. | 0.7 | 27 |
| 100 | Abnormal self-schema in semantic memory in major depressive disorder: Evidence from event-related brain potentials. Biological Psychology, 2017, 126, 41-47. | 1.1 | 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. | 0.7 | 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 physicianâ€“patient interaction. BJPsych Open, 2021, 7, e22. | 0.3 | 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. | 0.6 | 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. | 0.5 | 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. | 1.6 | 25 |
| 106 | Neurophysiological Biomarkers in Schizophreniaâ€”P50, Mismatch Negativity, and TMS-EMG and TMS-EEG. Frontiers in Psychiatry, 2020, 11, 795. | 1.3 | 25 |
| 107 | Transcranial magnetic stimulation neurophysiology of patients with major depressive disorder: a systematic review and meta-analysis. Psychological Medicine, 2021, 51, 1-10. | 2.7 | 25 |
| 108 | What Is the Role of Brain Stimulation Therapies in the Treatment of Depression?. Current Psychiatry Reports, 2013, 15, 368. | 2.1 | 24 |

| # | Article | IF | Citations |
|---|---|---|---|
| 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. | 0.7 | 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. | 1.0 | 24 |
| 111 | Repetitive transcranial magnetic stimulation for refractory symptoms in schizophrenia. Current Opinion in Psychiatry, 2010, 23, 85-90. | 3.1 | 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. | 0.7 | 23 |
| 113 | Altered sulcogyral patterns of orbitofrontal cortex in a large cohort of patients with schizophrenia. NPJ Schizophrenia, 2017, 3, 3. | 2.0 | 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. | 0.7 | 22 |
| 115 | Inflexible daily behaviour is associated with the ability to control an automatic reaction in autism spectrum disorder. Scientific Reports, 2018, 8, 8082. | 1.6 | 22 |
| 116 | Neuroimaging correlates of narcolepsy with cataplexy: A systematic review. Neuroscience Research, 2019, 142, 16-29. | 1.0 | 22 |
| 117 | Pharmacological mechanisms of interhemispheric signal propagation: a TMS-EEG study. Neuropsychopharmacology, 2020, 45, 932-939. | 2.8 | 22 |
| 118 | Genome-wide analysis suggests the importance of vascular processes and neuroinflammation in late-life antidepressant response. Translational Psychiatry, 2021, 11, 127. | 2.4 | 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. | 1.1 | 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. | 0.7 | 21 |
| 121 | Role of the right temporoparietal junction in intergroup bias in trust decisions. Human Brain Mapping, 2020, 41, 1677-1688. | 1.9 | 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. | 2.5 | 21 |
| 123 | Repetitive transcranial magnetic stimulation for major depressive disorder: basic principles and future directions. Therapeutic Advances in Psychopharmacology, 2021, 11, 204512532110426. | 1.2 | 21 |
| 124 | Predicting Remission in Late-Life Major Depression. Journal of Clinical Psychiatry, 2019, 80, . | 1.1 | 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. | 0.7 | 20 |
| 126 | An Update on Repetitive Transcranial Magnetic Stimulation for the Treatment of Major Depressive Disorder. Clinical Pharmacology and Therapeutics, 2019, 106, 747-762. | 2.3 | 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. | 2.4 | 20 |
| 128 | Impairment of Neuroplasticity in the Dorsolateral Prefrontal Cortex by Alcohol. Scientific Reports, 2017, 7, 5276. | 1.6 | 19 |
| 129 | Egocentric biases and atypical generosity in autistic individuals. Autism Research, 2019, 12, 1598-1608. | 2.1 | 19 |
| 130 | Thetaâ€“gamma coupling and ordering information: a stable brainâ€“behavior relationship across cognitive tasks and clinical conditions. Neuropsychopharmacology, 2020, 45, 2038-2047. | 2.8 | 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. | 2.8 | 19 |
| 132 | Need for closure and cognitive flexibility in individuals with autism spectrum disorder: A preliminary study. Psychiatry Research, 2019, 271, 247-252. | 1.7 | 18 |
| 133 | Impact of prior pharmacotherapy on remission of psychotic depression in a randomized controlled trial. Journal of Psychiatric Research, 2011, 45, 896-901. | 1.5 | 17 |
| 134 | Investigating Cortical Inhibition in First-Degree Relatives and Probands in Schizophrenia. Scientific Reports, 2017, 7, 43629. | 1.6 | 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. | 1.6 | 17 |
| 136 | Impact 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. | 0.7 | 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. | 0.7 | 17 |
| 138 | <p>Relationships between Internet addiction and clinicodemographic and behavioral factors</p>. Neuropsychiatric Disease and Treatment, 2019, Volume 15, 739-752. | 1.0 | 17 |
| 139 | Increased blood COASY DNA methylation levels a potential biomarker for early pathology of Alzheimerâ€™s disease. Scientific Reports, 2020, 10, 12217. | 1.6 | 17 |
| 140 | Depressive symptom trajectories associated with standard and accelerated rTMS. Brain Stimulation, 2020, 13, 850-857. | 0.7 | 17 |
| 141 | Systematic review of biological markers of therapeutic repetitive transcranial magnetic stimulation in neurological and psychiatric disorders. Clinical Neurophysiology, 2021, 132, 429-448. | 0.7 | 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. | 1.1 | 17 |
| 143 | Repetitive transcranial magnetic stimulation (rTMS) in bipolar disorder: A systematic review. Bipolar Disorders, 2022, 24, 10-26. | 1.1 | 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. | 0.7 | 17 |

| # | Article | IF | Citations |
|---|---|---|---|
| 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. | 1.6 | 17 |
| 146 | Alcohol Intoxication by Binge Drinking Impairs Neuroplasticity. Brain Stimulation, 2016, 9, 27-32. | 0.7 | 16 |
| 147 | Intermittent theta burst stimulation for major depression during pregnancy. Brain Stimulation, 2019, 12, 772-774. | 0.7 | 16 |
| 148 | Neurophysiological markers of response to theta burst stimulation in youth depression. Depression and Anxiety, 2021, 38, 172-184. | 2.0 | 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. | 0.5 | 16 |
| 150 | Cross-frequency coupling in psychiatric disorders: A systematic review. Neuroscience and Biobehavioral Reviews, 2022, 138, 104690. | 2.9 | 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. | 3.7 | 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. | 2.5 | 15 |
| 153 | Repetitive transcranial magnetic stimulation: an emerging treatment for medication-resistant depression. Cmaj, 2016, 188, 1175-1177. | 0.9 | 15 |
| 154 | Effect of antipsychotic pharmacotherapy on clinical outcomes of intermittent theta-burst stimulation for refractory depression. Journal of Psychopharmacology, 2017, 31, 312-319. | 2.0 | 15 |
| 155 | Abnormal Functional Connectivity of Frontopolar Subregions in Treatment-Nonresponsive Major Depressive Disorder. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 337-347. | 1.1 | 15 |
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