

# Alvaro Pascual-Leone

## List of Publications by Year in descending order

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Version: 2024-02-01

844  
papers

97,601  
citations

213

153  
h-index

475

277  
g-index

874  
all docs

874  
docs citations

874  
times ranked

47110  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Validation and Normative Data of the Spanish Version of the Face Name Associative Memory Exam (S-FNAME). <i>Journal of the International Neuropsychological Society</i> , 2022, 28, 74-84.                                   | 1.2 | 5         |
| 2  | Mechanisms Involved in Neuroprotective Effects of Transcranial Magnetic Stimulation. <i>CNS and Neurological Disorders - Drug Targets</i> , 2022, 21, 557-573.   | 0.8 | 3         |
| 3  | Transcranial magnetic stimulation (TMS) for geriatric depression. <i>Ageing Research Reviews</i> , 2022, 74, 101531.   | 5.0 | 32        |
| 4  | Associations of circulating C-reactive proteins, APOE $\epsilon$ 4, and brain markers for Alzheimer's disease in healthy samples across the lifespan. <i>Brain, Behavior, and Immunity</i> , 2022, 100, 243-253.             | 2.0 | 12        |
| 5  | A structured ICA-based process for removing auditory evoked potentials. <i>Scientific Reports</i> , 2022, 12, 1391.  | 1.6 | 22        |
| 6  | BDNF Val66Met gene polymorphism modulates brain activity following rTMS-induced memory impairment. <i>Scientific Reports</i> , 2022, 12, 176.  | 1.6 | 5         |
| 7  | Phase-Amplitude Coupling and Phase Synchronization Between Medial Temporal, Frontal and Posterior Brain Regions Support Episodic Autobiographical Memory Recall. <i>Brain Topography</i> , 2022, 35, 191-206.                | 0.8 | 9         |
| 8  | The Importance of Motivation to Older Adult Physical and Cognitive Exercise Program Development, Initiation, and Adherence. <i>Frontiers in Aging</i> , 2022, 3, .   | 1.2 | 2         |
| 9  | Toward noninvasive brain stimulation 2.0 in Alzheimer's disease. <i>Ageing Research Reviews</i> , 2022, 75, 101555.  | 5.0 | 37        |
| 10 | Local Prefrontal Cortex TMS-Induced Reactivity Is Related to Working Memory and Reasoning in Middle-Aged Adults. <i>Frontiers in Psychology</i> , 2022, 13, 813444.  | 1.1 | 5         |
| 11 | Validation and Normative Data of the Spanish Version of the Rey Auditory Verbal Learning Test and Associated Long-Term Forgetting Measures in Middle-Aged Adults. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 809019. | 1.7 | 6         |
| 12 | Corticomotor plasticity as a predictor of response to high frequency transcranial magnetic stimulation treatment for major depressive disorder. <i>Journal of Affective Disorders</i> , 2022, 303, 114-122.                  | 2.0 | 7         |
| 13 | Sense of Coherence Mediates the Relationship Between Cognitive Reserve and Cognition in Middle-Aged Adults. <i>Frontiers in Psychology</i> , 2022, 13, 835415.   | 1.1 | 8         |
| 14 | Assessment of potential selection bias in neuroimaging studies of postoperative delirium and cognitive decline: lessons from the SAGES study. <i>Brain Imaging and Behavior</i> , 2022, 16, 1732-1740.                       | 1.1 | 3         |
| 15 | Placebo effects and neuromodulation for depression: a meta-analysis and evaluation of shared mechanisms. <i>Molecular Psychiatry</i> , 2022, 27, 1658-1666.  | 4.1 | 20        |
| 16 | Preliminary Report of the Safety and Tolerability of 1 Hz Repetitive Transcranial Magnetic Stimulation in Temporal Lobe Epilepsy. <i>Journal of Central Nervous System Disease</i> , 2022, 14, 117957352210885.              | 0.7 | 1         |
| 17 | Efficacy of mechanisms of neuroplasticity after a stroke. <i>Restorative Neurology and Neuroscience</i> , 2022, , 1-12.  | 0.4 | 3         |
| 18 | Increasing Brain Gamma Activity Improves Episodic Memory and Restores Cholinergic Dysfunction in Alzheimer's Disease. <i>Annals of Neurology</i> , 2022, 92, 322-334.  | 2.8 | 38        |

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|----|---|-----|-----------|
| 19 | Blinding efficacy and adverse events following repeated transcranial alternating current, direct current, and random noise stimulation. <i>Cortex</i> , 2022, 154, 77-88.   | 1.1 | 10        |
| 20 | Structural integrity of the anterior mid-cingulate cortex contributes to resilience to delirium in SuperAging. <i>Brain Communications</i> , 2022, 4, .   | 1.5 | 9         |
| 21 | “Expedited Interhemispheric Inhibition”™: A Simple Method to Collect Additional IHI Data in the Same Amount of Time. <i>Brain Topography</i> , 2021, 34, 1-5.   | 0.8 | 3         |
| 22 | Training in the practice of noninvasive brain stimulation: Recommendations from an IFCN committee. <i>Clinical Neurophysiology</i> , 2021, 132, 819-837.  | 0.7 | 38        |
| 23 | Effect of Ezogabine on Cortical and Spinal Motor Neuron Excitability in Amyotrophic Lateral Sclerosis. <i>JAMA Neurology</i> , 2021, 78, 186.   | 4.5 | 79        |
| 24 | Safety and recommendations for TMS use in healthy subjects and patient populations, with updates on training, ethical and regulatory issues: Expert Guidelines. <i>Clinical Neurophysiology</i> , 2021, 132, 269-306.             | 0.7 | 553       |
| 25 | Lesions causing hallucinations localize to one common brain network. <i>Molecular Psychiatry</i> , 2021, 26, 1299-1309.   | 4.1 | 74        |
| 26 | Feasibility and Preliminary Efficacy of a Multimodal Approach to Increase Physical Activity in Older Adults With Memory Complaints: The Education for Action Study. <i>Journal of Aging and Physical Activity</i> , 2021, , 1-13. | 0.5 | 2         |
| 27 | A Smartphone App-Based Application Enabling Remote Assessments of Standing Balance During the COVID-19 Pandemic and Beyond. <i>IEEE Internet of Things Journal</i> , 2021, 8, 15818-15828.  | 5.5 | 2         |
| 28 | The paradoxical effect of COVID-19 outbreak on loneliness. <i>BJPsych Open</i> , 2021, 7, e30.  | 0.3 | 23        |
| 29 | Co-activation patterns across multiple tasks reveal robust anti-correlated functional networks. <i>NeuroImage</i> , 2021, 227, 117680.  | 2.1 | 25        |
| 30 | Social network structure and composition in former NFL football players. <i>Scientific Reports</i> , 2021, 11, 1630.  | 1.6 | 9         |
| 31 | Meaning in Life: A Major Predictive Factor for Loneliness Comparable to Health Status and Social Connectedness. <i>Frontiers in Psychology</i> , 2021, 12, 627547.  | 1.1 | 24        |
| 32 | Cortical responses to noninvasive perturbations enable individual brain fingerprinting. <i>Brain Stimulation</i> , 2021, 14, 391-403.   | 0.7 | 35        |
| 33 | A novel smartphone App-based assessment of standing postural control: Demonstration of reliability and sensitivity to aging and task constraints. , 2021, , .   |     | 2         |
| 34 | Overlapping and dissociable brain activations for fluid intelligence and executive functions. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2021, 21, 327-346.  | 1.0 | 10        |
| 35 | To Reduce the Risk of Dementia, Focus on the Patient. <i>Annals of Neurology</i> , 2021, 89, 1080-1083.   | 2.8 | 4         |
| 36 | Identification of Personalized Transcranial Magnetic Stimulation Targets Based on Subgenual Cingulate Connectivity: An Independent Replication. <i>Biological Psychiatry</i> , 2021, 90, e55-e56.                                 | 0.7 | 49        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Network-level macroscale structural connectivity predicts propagation of transcranial magnetic stimulation. <i>NeuroImage</i> , 2021, 229, 117698.   | 2.1 | 42        |
| 38 | Off-Label Promotion of Transcranial Magnetic Stimulation on Provider Websites. <i>Brain Stimulation</i> , 2021, 14, 723-724.   | 0.7 | 3         |
| 39 | Exposure to gamma tACS in Alzheimer's disease: A randomized, double-blind, sham-controlled, crossover, pilot study. <i>Brain Stimulation</i> , 2021, 14, 531-540.  | 0.7 | 67        |
| 40 | Individual and cumulative health afflictions are associated with greater impairment in physical and mental function in former professional American style football players. <i>PM and R</i> , 2021, , .    | 0.9 | 6         |
| 41 | Patient-Tailored, Home-Based Non-invasive Brain Stimulation for Memory Deficits in Dementia Due to Alzheimer's Disease. <i>Frontiers in Neurology</i> , 2021, 12, 598135.                                  | 1.1 | 17        |
| 42 | Perturbation of resting-state network nodes preferentially propagates to structurally rather than functionally connected regions. <i>Scientific Reports</i> , 2021, 11, 12458.                             | 1.6 | 13        |
| 43 | Personality in Autism Spectrum Disorder: Associations With Face Memory Deficit and Theory of Mind. <i>Cognitive and Behavioral Neurology</i> , 2021, 34, 117-128.  | 0.5 | 0         |
| 44 | Human Brain Resilience: A Call to Action. <i>Annals of Neurology</i> , 2021, 90, 336-349.  | 2.8 | 19        |
| 45 | Modulation of motor cortical excitability by continuous theta-burst stimulation in adults with autism spectrum disorder. <i>Clinical Neurophysiology</i> , 2021, 132, 1647-1662.                           | 0.7 | 6         |
| 46 | Brain stimulation and brain lesions converge on common causal circuits in neuropsychiatric disease. <i>Nature Human Behaviour</i> , 2021, 5, 1707-1716.  | 6.2 | 113       |
| 47 | Targeted tDCS Mitigates Dual-Task Costs to Gait and Balance in Older Adults. <i>Annals of Neurology</i> , 2021, 90, 428-439.   | 2.8 | 21        |
| 48 | Reproducibility of cortical response modulation induced by intermittent and continuous theta-burst stimulation of the human motor cortex. <i>Brain Stimulation</i> , 2021, 14, 949-964.                    | 0.7 | 42        |
| 49 | tDCS-Induced Memory Reconsolidation Effects and Its Associations With Structural and Functional MRI Substrates in Subjective Cognitive Decline. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 695232. | 1.7 | 11        |
| 50 | Multitarget Transcranial Electrical Stimulation for Freezing of Gait: A Randomized Controlled Trial. <i>Movement Disorders</i> , 2021, 36, 2693-2698.  | 2.2 | 18        |
| 51 | Improving autobiographical memory in Alzheimer's disease by transcranial alternating current stimulation. <i>Current Opinion in Behavioral Sciences</i> , 2021, 40, 64-71.                                 | 2.0 | 15        |
| 52 | Personalised, image-guided, noninvasive brain stimulation in gliomas: Rationale, challenges and opportunities. <i>EBioMedicine</i> , 2021, 70, 103514.   | 2.7 | 10        |
| 53 | Day-to-day variability in motor threshold during rTMS treatment for depression: Clinical implications. <i>Brain Stimulation</i> , 2021, 14, 1118-1125.   | 0.7 | 22        |
| 54 | Harnessing Neuroplasticity to Promote Brain Health in Aging Adults: Protocol for the MOVE-Cog Intervention Study. <i>JMIR Research Protocols</i> , 2021, 10, e33589.                                       | 0.5 | 2         |

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|----|--|-----|-----------|
| 55 | Associations Between Cardiorespiratory Fitness, Cardiovascular Risk, and Cognition Are Mediated by Structural Brain Health in Midlife. <i>Journal of the American Heart Association</i> , 2021, 10, e020688.   | 1.6 | 18        |
| 56 | Diagnostic contribution and therapeutic perspectives of transcranial magnetic stimulation in dementia. <i>Clinical Neurophysiology</i> , 2021, 132, 2568-2607.   | 0.7 | 85        |
| 57 | Large-scale analysis of interindividual variability in single and paired-pulse TMS data. <i>Clinical Neurophysiology</i> , 2021, 132, 2639-2653.   | 0.7 | 36        |
| 58 | Higher motor cortical excitability linked to greater cognitive dysfunction in Alzheimer's disease: results from two independent cohorts. <i>Neurobiology of Aging</i> , 2021, 108, 24-33.  | 1.5 | 15        |
| 59 | Beware of Optimism Bias in the Context of the COVID-19 Pandemic. <i>Annals of Neurology</i> , 2021, 89, 423-425.   | 2.8 | 14        |
| 60 | DCTclock: Clinically-Interpretable and Automated Artificial Intelligence Analysis of Drawing Behavior for Capturing Cognition. <i>Frontiers in Digital Health</i> , 2021, 3, 750661.   | 1.5 | 19        |
| 61 | Cognitive Reserve as a Protective Factor of Mental Health in Middle-Aged Adults Affected by Chronic Pain. <i>Frontiers in Psychology</i> , 2021, 12, 752623.   | 1.1 | 4         |
| 62 | Intelligent Coaching Assistant for the Promotion of Healthy Habits in a Multidomain mHealth-Based Intervention for Brain Health. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10774.                                       | 1.2 | 0         |
| 63 | Reply: Variability in motor threshold. <i>Brain Stimulation</i> , 2021, 14, 1523-1524.   | 0.7 | 2         |
| 64 | Intermittent theta burst stimulation of cerebellar vermis enhances fronto-cerebellar resting state functional connectivity in schizophrenia with predominant negative symptoms: A randomized controlled trial. <i>Schizophrenia Research</i> , 2021, 238, 108-120. | 1.1 | 27        |
| 65 | Phase-dependent local brain states determine the impact of image-guided TMS on motor network EEG synchronization. <i>Journal of Physiology</i> , 2021, , .   | 1.3 | 7         |
| 66 | Multifocal Transcranial Direct Current Stimulation Modulates Resting-State Functional Connectivity in Older Adults Depending on the Induced Current Density. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 725013.  | 1.7 | 9         |
| 67 | Aging in the Digital Age: Using Technology to Increase the Reach of the Clinician Expert and Close the Gap Between Health Span and Life Span. <i>Frontiers in Digital Health</i> , 2021, 3, 755008.  | 1.5 | 2         |
| 68 | Safety and Feasibility of Tele-Supervised Home-Based Transcranial Direct Current Stimulation for Major Depressive Disorder. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 765370.   | 1.7 | 20        |
| 69 | Decision-tree testing cognition-MRI associations to define and differentiate cognitive reserve and brain maintenance. <i>Alzheimer's and Dementia</i> , 2021, 17, .  | 0.4 | 1         |
| 70 | TMS-induced EEG perturbation as a marker of psychological resilience to deleterious mental health effects during the COVID-19 pandemic. <i>Alzheimer's and Dementia</i> , 2021, 17, .  | 0.4 | 1         |
| 71 | Effects of Age on Dual Task Walking Performance as Measured Using a Smartphone Application in Middle-Aged Adults. <i>Innovation in Aging</i> , 2021, 5, 166-167.   | 0.0 | 1         |
| 72 | The Cortical Dynamics of Dual-Task Standing in Older Adults. <i>Innovation in Aging</i> , 2021, 5, 72-72.  | 0.0 | 0         |

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|----|---|-----|-----------|
| 73 | Loneliness experience through COVID-19 pandemic and lockdown is related with resting-state brain networks functional connectivity. <i>Alzheimer's and Dementia</i> , 2021, 17, .                                    | 0.4 | 0         |
| 74 | Differential Contribution of Cortical Thickness, Surface Area, and Gyrfication to Fluid and Crystallized Intelligence. <i>Cerebral Cortex</i> , 2020, 30, 215-225.  | 1.6 | 56        |
| 75 | EEG spectral power abnormalities and their relationship with cognitive dysfunction in patients with Alzheimer's disease and type 2 diabetes. <i>Neurobiology of Aging</i> , 2020, 85, 83-95.                        | 1.5 | 53        |
| 76 | Self-Reported Cognitive Function and Mental Health Diagnoses among Former Professional American-Style Football Players. <i>Journal of Neurotrauma</i> , 2020, 37, 1021-1028.  | 1.7 | 17        |
| 77 | A novel tDCS sham approach based on model-driven controlled shunting. <i>Brain Stimulation</i> , 2020, 13, 507-516.   | 0.7 | 47        |
| 78 | Leveraging the Shared Neurobiology of Placebo Effects and Functional Neurological Disorder: A Call for Research. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2020, 32, 101-104.                  | 0.9 | 10        |
| 79 | Self-Reported Head Trauma Predicts Poor Dual Task Gait in Retired National Football League Players. <i>Annals of Neurology</i> , 2020, 87, 75-83.   | 2.8 | 7         |
| 80 | Functional and Pathological Correlates of Judgments of Learning in Cognitively Unimpaired Older Adults. <i>Cerebral Cortex</i> , 2020, 30, 1974-1983.   | 1.6 | 7         |
| 81 | Light aerobic exercise modulates executive function and cortical excitability. <i>European Journal of Neuroscience</i> , 2020, 51, 1723-1734.   | 1.2 | 27        |
| 82 | Effects of a combined transcranial magnetic stimulation (TMS) and cognitive training intervention in patients with Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, 641-650.                        | 0.4 | 81        |
| 83 | LTP-like plasticity is impaired in amyloid-positive amnesic MCI but independent of PET-amyloid burden. <i>Neurobiology of Aging</i> , 2020, 96, 109-116.  | 1.5 | 14        |
| 84 | Impact of network-targeted multichannel transcranial direct current stimulation on intrinsic and network network functional connectivity. <i>Journal of Neuroscience Research</i> , 2020, 98, 1843-1856.            | 1.3 | 18        |
| 85 | Large-scale analysis of interindividual variability in theta-burst stimulation data: Results from the "Big TMS Data Collaboration"™. <i>Brain Stimulation</i> , 2020, 13, 1476-1488.                                | 0.7 | 81        |
| 86 | Symptomatic Hydrocephalus with Normal Cerebrospinal Pressure and Alzheimer's Disease. <i>Annals of Neurology</i> , 2020, 88, 685-687.   | 2.8 | 2         |
| 87 | Race in association with physical and mental health among former professional American-style football players: findings from the Football Players Health Study. <i>Annals of Epidemiology</i> , 2020, 51, 48-52.e2. | 0.9 | 9         |
| 88 | Association of Plasma Neurofilament Light with Postoperative Delirium. <i>Annals of Neurology</i> , 2020, 88, 984-994.  | 2.8 | 60        |
| 89 | Regular physical activity is associated with greater cortical inhibition in middle-aged adults: Findings from Barcelona Brain Health Initiative. <i>Alzheimer's and Dementia</i> , 2020, 16, e042660.               | 0.4 | 0         |
| 90 | "Guttmann Cognitest"™, preliminary validation of an app to test cognitive performance. <i>Alzheimer's and Dementia</i> , 2020, 16, e042780.   | 0.4 | 0         |

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|-----|---|-----|-----------|
| 91  | Validation and normative data of the Spanish version of the Face-Name Associative Memory Exam (S-NAME): Findings from the Barcelona Brain Health Initiative. <i>Alzheimer's and Dementia</i> , 2020, 16, e042857.                             | 0.4 | 0         |
| 92  | Modifiable factors, cardiorespiratory fitness and cardiovascular risk are associated with cognitive and structural brain health in midlife: Results from the BBHI. <i>Alzheimer's and Dementia</i> , 2020, 16, e042875.                       | 0.4 | 0         |
| 93  | TMS-measures of cortical excitability are abnormal in amyloid-positive MCI, relate to amyloid burden, and predict faster cognitive decline. <i>Alzheimer's and Dementia</i> , 2020, 16, e045478.  | 0.4 | 0         |
| 94  | Improving Choroid Plexus Segmentation in the Healthy and Diseased Brain: Relevance for Tau-PET Imaging in Dementia. <i>Journal of Alzheimer's Disease</i> , 2020, 74, 1057-1068.  | 1.2 | 24        |
| 95  | Realistic modeling of mesoscopic ephaptic coupling in the human brain. <i>PLoS Computational Biology</i> , 2020, 16, e1007923.  | 1.5 | 18        |
| 96  | Speech Perception Triggers Articulatory Action: Evidence From Mechanical Stimulation. <i>Frontiers in Communication</i> , 2020, 5, .  | 0.6 | 4         |
| 97  | The study of noninvasive brain stimulation using molecular brain imaging: A systematic review. <i>NeuroImage</i> , 2020, 219, 117023.   | 2.1 | 18        |
| 98  | Drug-Responsive Inhomogeneous Cortical Modulation by Direct Current Stimulation. <i>Annals of Neurology</i> , 2020, 88, 489-502.  | 2.8 | 16        |
| 99  | Predicting antidepressant response by electroencephalography. <i>Nature Biotechnology</i> , 2020, 38, 417-419.  | 9.4 | 5         |
| 100 | Individualized perturbation of the human connectome reveals reproducible biomarkers of network dynamics relevant to cognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8115-8125. | 3.3 | 99        |
| 101 | Distinct Symptom-Specific Treatment Targets for Circuit-Based Neuromodulation. <i>American Journal of Psychiatry</i> , 2020, 177, 435-446.  | 4.0 | 183       |
| 102 | Noninvasive Brain Stimulation in Epilepsy. <i>Journal of Clinical Neurophysiology</i> , 2020, 37, 118-130.  | 0.9 | 25        |
| 103 | Non-Invasive Cerebellar Stimulation in Neurodegenerative Ataxia: A Literature Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1948.  | 1.8 | 39        |
| 104 | Corticomotor Plasticity Predicts Clinical Efficacy of Combined Neuromodulation and Cognitive Training in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 200.   | 1.7 | 29        |
| 105 | EEG Functional Connectivity is a Weak Predictor of Causal Brain Interactions. <i>Brain Topography</i> , 2020, 33, 221-237.  | 0.8 | 6         |
| 106 | The Barcelona Brain Health Initiative: Cohort description and first follow-up. <i>PLoS ONE</i> , 2020, 15, e0228754.  | 1.1 | 16        |
| 107 | Transcranial magnetic stimulation tracks subminute changes in cortical excitability during propofol anesthesia. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 384-389.   | 1.7 | 2         |
| 108 | Safety of rTMS in patients with intracranial metallic objects. <i>Brain Stimulation</i> , 2020, 13, 928-929.  | 0.7 | 2         |

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|-----|---|-----|-----------|
| 109 | Choroid plexus volume is associated with levels of CSF proteins: relevance for Alzheimer's and Parkinson's disease. <i>Neurobiology of Aging</i> , 2020, 89, 108-117.   | 1.5 | 52        |
| 110 | Age-Related Cognitive Decline Is Indicative of Neuropathology. <i>Annals of Neurology</i> , 2020, 87, 813-815.  | 2.8 | 10        |
| 111 | Continuous Theta-Burst Stimulation in Children With High-Functioning Autism Spectrum Disorder and Typically Developing Children. <i>Frontiers in Integrative Neuroscience</i> , 2020, 14, 13.   | 1.0 | 18        |
| 112 | Interhemispheric and Intrahemispheric Connectivity From the Left Pars Opercularis Within the Language Network Is Modulated by Transcranial Stimulation in Healthy Subjects. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 63.              | 1.0 | 3         |
| 113 | Premortem Chronic Traumatic Encephalopathy Diagnoses in Professional Football. <i>Annals of Neurology</i> , 2020, 88, 106-112.  | 2.8 | 22        |
| 114 | Combined Brain and Hand Stimulation to Improve Hand Function in Individuals With Moderate to Severe Chronic Stroke: A Pilot Randomized Controlled Trial. <i>American Journal of Occupational Therapy</i> , 2020, 74, 7411515339p1-7411515339p1. | 0.1 | 0         |
| 115 | The Potential of Repetitive Transcranial Magnetic Stimulation for Autism Spectrum Disorder: A Consensus Statement. <i>Biological Psychiatry</i> , 2019, 85, e21-e22.  | 0.7 | 27        |
| 116 | Reduction of intratumoral brain perfusion by noninvasive transcranial electrical stimulation. <i>Science Advances</i> , 2019, 5, eaau9309.  | 4.7 | 10        |
| 117 | FAST: A Novel, Executive Function-Based Approach to Cognitive Enhancement. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 235.  | 1.0 | 5         |
| 118 | The Football Players' Health Study at Harvard University: Design and objectives. <i>American Journal of Industrial Medicine</i> , 2019, 62, 643-654.  | 1.0 | 15        |
| 119 | Traumatic Brain Injury Modifies the Relationship Between Physical Activity and Global and Cognitive Health: Results From the Barcelona Brain Health Initiative. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 135.                    | 1.0 | 13        |
| 120 | T79. INTERMITTENT THETA BURST STIMULATION OF CEREBELLAR VERMIS IN SCHIZOPHRENIA: IMPACT ON NEGATIVE SYMPTOMS AND BRAIN CONNECTIVITY. <i>Schizophrenia Bulletin</i> , 2019, 45, S234-S234.   | 2.3 | 3         |
| 121 | Aftereffects of Intermittent Theta-Burst Stimulation in Adjacent, Non-Target Muscles. <i>Neuroscience</i> , 2019, 418, 157-165.   | 1.1 | 5         |
| 122 | Review: Non-Invasive Brain Stimulation in Behavioral Addictions: Insights from Direct Comparisons With Substance Use Disorders. <i>American Journal on Addictions</i> , 2019, 28, 431-454.  | 1.3 | 12        |
| 123 | Exposure to American Football and Neuropsychiatric Health in Former National Football League Players: Findings From the Football Players Health Study. <i>American Journal of Sports Medicine</i> , 2019, 47, 2871-2880.                        | 1.9 | 61        |
| 124 | Association of Concussion Symptoms With Testosterone Levels and Erectile Dysfunction in Former Professional US-Style Football Players. <i>JAMA Neurology</i> , 2019, 76, 1428.  | 4.5 | 28        |
| 125 | Technologies for Monitoring Lifestyle Habits Related to Brain Health: A Systematic Review. <i>Sensors</i> , 2019, 19, 4183.   | 2.1 | 9         |
| 126 | Transcranial magnetic stimulation: Neurophysiological and clinical applications. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2019, 163, 73-92.  | 1.0 | 75        |



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|-----|--|-----|-----------|
| 127 | Clinical utility and prospective of TMSâ€“EEG. <i>Clinical Neurophysiology</i> , 2019, 130, 802-844.   | 0.7 | 276       |
| 128 | Cerebellar-Prefrontal Network Connectivity and Negative Symptoms in Schizophrenia. <i>American Journal of Psychiatry</i> , 2019, 176, 512-520.   | 4.0 | 245       |
| 129 | Neural function in <i>DCC</i> mutation carriers with and without mirror movements. <i>Annals of Neurology</i> , 2019, 85, 433-442.   | 2.8 | 12        |
| 130 | Multisystem afflictions in former National Football League players. <i>American Journal of Industrial Medicine</i> , 2019, 62, 655-662.  | 1.0 | 13        |
| 131 | Effects of Transcranial Static Magnetic Stimulation on Motor Cortex Evaluated by Different TMS Waveforms and Current Directions. <i>Neuroscience</i> , 2019, 413, 22-30.                       | 1.1 | 19        |
| 132 | Diabetes and the link between neuroplasticity and glutamate in the aging human motor cortex. <i>Clinical Neurophysiology</i> , 2019, 130, 1502-1510.   | 0.7 | 23        |
| 133 | Mortality Among Professional American-Style Football Players and Professional American Baseball Players. <i>JAMA Network Open</i> , 2019, 2, e194223.  | 2.8 | 63        |
| 134 | Exercise for Brain Health: An Investigation into the Underlying Mechanisms Guided by Dose. <i>Neurotherapeutics</i> , 2019, 16, 580-599.   | 2.1 | 76        |
| 135 | O25. Distinct Symptom-Specific Targets for Circuit-Based Neuromodulation. <i>Biological Psychiatry</i> , 2019, 85, S115-S116.  | 0.7 | 2         |
| 136 | Testâ€“Retest Reliability of the Effects of Continuous Theta-Burst Stimulation. <i>Frontiers in Neuroscience</i> , 2019, 13, 447.  | 1.4 | 41        |
| 137 | Gamma tACS over the temporal lobe increases the occurrence of Eureka! moments. <i>Scientific Reports</i> , 2019, 9, 5778.  | 1.6 | 45        |
| 138 | Clinical improvement with intensive robot-assisted arm training in chronic stroke is unchanged by supplementary tDCS. <i>Restorative Neurology and Neuroscience</i> , 2019, 37, 167-180.       | 0.4 | 38        |
| 139 | Defining Exposures in Professional Football: Professional American-Style Football Players as an Occupational Cohort. <i>Orthopaedic Journal of Sports Medicine</i> , 2019, 7, 232596711982921. | 0.8 | 12        |
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