# Chi-Hung Juan, é˜®å•å¼˜

List of Publications by Year
in descending order

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Version: 2024-02-01

| 84 | 3,834 | 126907 | 138484 |
|---|---|---|---|
| papers | citations | 33 | 58 |
| | | h-index | g-index |

| 87 | 87 | 87 | 4155 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Predictive roles of brain-derived neurotrophic factor Val66Met polymorphism on antidepressant efficacy of different forms of prefrontal brain stimulation monotherapy: A randomized, double-blind, sham-controlled study. Journal of Affective Disorders, 2022, 297, 353-359. | 4.1 | 6 |
| 2 | Safety of transcranial magnetic stimulation in unipolar depression: A systematic review and meta-analysis of randomized-controlled trials. Journal of Affective Disorders, 2022, 301, 400-425. | 4.1 | 11 |
| 3 | A checklist for assessing the methodological quality of concurrent tES-fMRI studies (ContES) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf | 12.0 | 21 |
| 4 | Critical role of rhythms in prefrontal transcranial magnetic stimulation for depression: A randomized shamâ€controlled study. Human Brain Mapping, 2022, 43, 1535-1547. | 3.6 | 5 |
| 5 | Evaluating the Different Stages of Parkinsonâ€™s Disease Using Electroencephalography With Holo-Hilbert Spectral Analysis. Frontiers in Aging Neuroscience, 2022, 14, . | 3.4 | 6 |
| 6 | Cortical excitatory and inhibitory correlates of the fronto-limbic circuit in major depression and differential effects of left frontal brain stimulation in a randomized sham-controlled trial. Journal of Affective Disorders, 2022, 311, 364-370. | 4.1 | 9 |
| 7 | Efficacy and tolerability of theta-burst stimulation for major depression: A systematic review and meta-analysis. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 106, 110168. | 4.8 | 39 |
| 8 | Task-Modulated Brain Activity Predicts Antidepressant Responses of Prefrontal Repetitive Transcranial Magnetic Stimulation: A Randomized Sham-Control Study. Chronic Stress, 2021, 5, 247054702110068. | 3.4 | 4 |
| 9 | To Go or Not to Go: Degrees of Dynamic Inhibitory Control Revealed by the Function of Grip Force and Early Electrophysiological Indices. Frontiers in Human Neuroscience, 2021, 15, 614978. | 2.0 | 4 |
| 10 | Dynamical EEG Indices of Progressive Motor Inhibition and Error-Monitoring. Brain Sciences, 2021, 11, 478. | 2.3 | 3 |
| 11 | Frontoparietal Beta Amplitude Modulation and its Interareal Cross-frequency Coupling in Visual Working Memory. Neuroscience, 2021, 460, 69-87. | 2.3 | 28 |
| 12 | Revealing the Dynamic Nature of Amplitude Modulated Neural Entrainment With Holo-Hilbert Spectral Analysis. Frontiers in Neuroscience, 2021, 15, 673369. | 2.8 | 10 |
| 13 | Antidepressant Efficacy of Prolonged Intermittent Theta Burst Stimulation Monotherapy for Recurrent Depression and Comparison of Methods for Coil Positioning: A Randomized, Double-Blind, Sham-Controlled Study. Biological Psychiatry, 2020, 87, 443-450. | 1.3 | 68 |
| 14 | Unraveling nonlinear electrophysiologic processes in the human visual system with full dimension spectral analysis. Scientific Reports, 2019, 9, 16919. | 3.3 | 42 |
| 15 | Low delta and high alpha power are associated with better conflict control and working memory in high mindfulness, low anxiety individuals. Social Cognitive and Affective Neuroscience, 2019, 14, 645-655. | 3.0 | 23 |
| 16 | Revealing the Electrophysiological Correlates of Working Memory-Load Effects in Symmetry Span Task With HHT Method. Frontiers in Psychology, 2019, 10, 855. | 2.1 | 12 |
| 17 | Indices of association between anxiety and mindfulness: a guide for future mindfulness studies. Personality Neuroscience, 2019, 2, e9. | 1.6 | 8 |
| 18 | The critical role of phase difference in theta oscillation between bilateral parietal cortices for visuospatial working memory. Scientific Reports, 2018, 8, 349. | 3.3 | 47 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Effects of prefrontal theta-burst stimulation on brain function in treatment-resistant depression: A randomized sham-controlled neuroimaging study. Brain Stimulation, 2018, 11, 1054-1062. | 1.6 | 43 |
| 20 | Better Cognitive Performance Is Associated With the Combination of High Trait Mindfulness and Low Trait Anxiety. Frontiers in Psychology, 2018, 9, 627. | 2.1 | 33 |
| 21 | Anodal and Cathodal tDCS Over the Right Frontal Eye Fields Impacts Spatial Probability Processing Differently in Pro- and Anti-saccades. Frontiers in Neuroscience, 2018, 12, 421. | 2.8 | 3 |
| 22 | Meditation Effects on the Control of Involuntary Contingent Reorienting Revealed With Electroencephalographic and Behavioral Evidence. Frontiers in Integrative Neuroscience, 2018, 12, 17. | 2.1 | 4 |
| 23 | Elucidating and Modulating the Neural Correlates of Visuospatial Working Memory via Noninvasive Brain Stimulation. Current Directions in Psychological Science, 2017, 26, 165-173. | 5.3 | 21 |
| 24 | Why Do Irrelevant Alternatives Matter? An fMRI-TMS Study of Context-Dependent Preferences. Journal of Neuroscience, 2017, 37, 11647-11661. | 3.6 | 17 |
| 25 | Electrophysiological and behavioral evidence reveals the effects of trait anxiety on contingent attentional capture. Cognitive, Affective and Behavioral Neuroscience, 2017, 17, 973-983. | 2.0 | 6 |
| 26 | Exploring the contributions of the supplementary eye field to subliminal inhibition using doubleâ€pulse transcranial magnetic stimulation. Human Brain Mapping, 2017, 38, 339-351. | 3.6 | 5 |
| 27 | Theta Oscillation Reveals the Temporal Involvement of Different Attentional Networks in Contingent Reorienting. Frontiers in Human Neuroscience, 2016, 10, 264. | 2.0 | 10 |
| 28 | The Facilitative Effect of Transcranial Direct Current Stimulation on Visuospatial Working Memory in Patients with Diabetic Polyneuropathy: A Preâ€“post Sham-Controlled Study. Frontiers in Human Neuroscience, 2016, 10, 479. | 2.0 | 19 |
| 29 | Individual Differences and State-Dependent Responses in Transcranial Direct Current Stimulation. Frontiers in Human Neuroscience, 2016, 10, 643. | 2.0 | 117 |
| 30 | The critical role of phase difference in gamma oscillation within the temporoparietal network for binding visual working memory. Scientific Reports, 2016, 6, 32138. | 3.3 | 61 |
| 31 | Cognition-Modulated Frontal Activity in Prediction and Augmentation of Antidepressant Efficacy: A Randomized Controlled Pilot Study. Cerebral Cortex, 2016, 26, 202-210. | 2.9 | 64 |
| 32 | Different forms of prefrontal theta burst stimulation for executive function of medication- resistant depression: Evidence from a randomized sham-controlled study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2016, 66, 35-40. | 4.8 | 49 |
| 33 | Roles of the pre-SMA and rIFG in conditional stopping revealed by transcranial magnetic stimulation. Behavioural Brain Research, 2016, 296, 459-467. | 2.2 | 36 |
| 34 | Brain stimulation improves cognitive control by modulating medialâ€frontal activity and preSMAâ€vmPFC functional connectivity. Human Brain Mapping, 2015, 36, 4004-4015. | 3.6 | 64 |
| 35 | A critical role of temporoparietal junction in the integration of topâ€down and bottomâ€up attentional control. Human Brain Mapping, 2015, 36, 4317-4333. | 3.6 | 65 |
| 36 | Being watched by others eliminates the effect of emotional arousal on inhibitory control. Frontiers in Psychology, 2015, 6, 4. | 2.1 | 17 |

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|---|---|---|---|
| 37 | Blending transcranial direct current stimulations and physical exercise to maximize cognitive improvement. Frontiers in Psychology, 2015, 6, 678. | 2.1 | 15 |
| 38 | Dissociated stimulus and response conflict effect in the Stroop task: Evidence from evoked brain potentials and brain oscillations. Biological Psychology, 2015, 104, 130-138. | 2.2 | 26 |
| 39 | The relationship between aerobic fitness and neural oscillations during visuo-spatial attention in young adults. Experimental Brain Research, 2015, 233, 1069-1078. | 1.5 | 18 |
| 40 | Attentional biases to emotion in impulsive and instrumental violent offenders: an event-related potential study. Journal of Forensic Psychiatry and Psychology, 2015, 26, 202-223. | 1.0 | 6 |
| 41 | Left middle temporal and inferior frontal regions contribute to speed of lexical decision: A TMS study. Brain and Cognition, 2015, 93, 11-17. | 1.8 | 18 |
| 42 | Modulation of brain oscillations during fundamental visuo-spatial processing: A comparison between female collegiate badminton players and sedentary controls. Psychology of Sport and Exercise, 2015, 16, 121-129. | 2.1 | 31 |
| 43 | Hand proximity facilitates spatial discrimination of auditory tones. Frontiers in Psychology, 2014, 5, 527. | 2.1 | 5 |
| 44 | Revealing the brain's adaptability and the transcranial direct current stimulation facilitating effect in inhibitory control by multiscale entropy. NeuroImage, 2014, 90, 218-234. | 4.2 | 74 |
| 45 | The potential of transcranial magnetic stimulation for population-based application: a region-based illustrated brief overview. International Journal of Neuroscience, 2014, 124, 717-723. | 1.6 | 6 |
| 46 | The association of physical activity to neural adaptability during visuo-spatial processing in healthy elderly adults: A multiscale entropy analysis. Brain and Cognition, 2014, 92, 73-83. | 1.8 | 27 |
| 47 | The Precuneus and Visuospatial Attention in Near and far Space: A Transcranial Magnetic Stimulation Study. Brain Stimulation, 2014, 7, 673-679. | 1.6 | 51 |
| 48 | The role of superior temporal sulcus in the control of irrelevant emotional face processing: A transcranial direct current stimulation study. Neuropsychologia, 2014, 64, 124-133. | 1.6 | 22 |
| 49 | Modulating the interference effect on spatial working memory by applying transcranial direct current stimulation over the right dorsolateral prefrontal cortex. Brain and Cognition, 2014, 91, 87-94. | 1.8 | 81 |
| 50 | Transcranial direct current stimulation over right posterior parietal cortex changes prestimulus alpha oscillation in visual short-term memory task. NeuroImage, 2014, 98, 306-313. | 4.2 | 107 |
| 51 | Efficacy of prefrontal theta-burst stimulation in refractory depression: a randomized sham-controlled study. Brain, 2014, 137, 2088-2098. | 7.6 | 235 |
| 52 | Far-space neglect in conjunction but not feature search following transcranial magnetic stimulation over right posterior parietal cortex. Journal of Neurophysiology, 2014, 111, 705-714. | 1.8 | 7 |
| 53 | Right temporoparietal junction and attentional reorienting. Human Brain Mapping, 2013, 34, 869-877. | 3.6 | 62 |
| 54 | Temporal Preparation in Athletes: A Comparison of Tennis Players and Swimmers With Sedentary Controls. Journal of Motor Behavior, 2013, 45, 55-63. | 0.9 | 33 |

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|---|---|---|---|
| 55 | The Neural Development of Response Inhibition in 5- and 6-Year-Old Preschoolers: An ERP and EEG Study. Developmental Neuropsychology, 2013, 38, 301-316. | 1.4 | 25 |
| 56 | Open vs. Closed Skill Sports and the Modulation of Inhibitory Control. PLoS ONE, 2013, 8, e55773. | 2.5 | 176 |
| 57 | The dorsal attentional system in oculomotor learning of predictive information. Frontiers in Human Neuroscience, 2013, 7, 404. | 2.0 | 11 |
| 58 | Changes When the Brain Is Stimulated by Current. Journal of Neuroscience and Neuroengineering, 2013, 2, 382-386. | 0.2 | 1 |
| 59 | Modulation of motor control in saccadic behaviors by TMS over the posterior parietal cortex. Journal of Neurophysiology, 2012, 108, 741-752. | 1.8 | 3 |
| 60 | Unleashing Potential: Transcranial Direct Current Stimulation over the Right Posterior Parietal Cortex Improves Change Detection in Low-Performing Individuals. Journal of Neuroscience, 2012, 32, 10554-10561. | 3.6 | 241 |
| 61 | Take the matter into your own hands: A brief review of the effect of nearby-hands on visual processing. Vision Research, 2012, 72, 74-77. | 1.4 | 75 |
| 62 | Lateral prefrontal cortex contributes to maladaptive decisions. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4401-4406. | 7.1 | 48 |
| 63 | Sex differences in how erotic and painful stimuli impair inhibitory control. Cognition, 2012, 124, 251-255. | 2.2 | 21 |
| 64 | Brain stimulation and inhibitory control. Brain Stimulation, 2012, 5, 63-69. | 1.6 | 53 |
| 65 | Modulating inhibitory control with direct current stimulation of the superior medial frontal cortex. NeuroImage, 2011, 56, 2249-2257. | 4.2 | 198 |
| 66 | Trial type probability modulates the cost of antisaccades. Journal of Neurophysiology, 2011, 106, 515-526. | 1.8 | 23 |
| 67 | Predictability of saccadic behaviors is modified by transcranial magnetic stimulation over human posterior parietal cortex. Human Brain Mapping, 2011, 32, 1961-1972. | 3.6 | 12 |
| 68 | The Location Probability Effects of Saccade Reaction Times Are Modulated in the Frontal Eye Fields but Not in the Supplementary Eye Field. Cerebral Cortex, 2011, 21, 1416-1425. | 2.9 | 26 |
| 69 | The Benefit of Object Interactions Arises in the Lateral Occipital Cortex Independent of Attentional Modulation from the Intraparietal Sulcus: A Transcranial Magnetic Stimulation Study. Journal of Neuroscience, 2011, 31, 8320-8324. | 3.6 | 27 |
| 70 | Probabilities in Implicit Learning. Perception, 2011, 40, 822-829. | 1.2 | 15 |
| 71 | Dissociating the contributions of human frontal eye fields and posterior parietal cortex to visual search. Journal of Neurophysiology, 2011, 105, 2891-2896. | 1.8 | 21 |
| 72 | Posterior parietal cortex mediates encoding and maintenance processes in change blindness. Neuropsychologia, 2010, 48, 1063-1070. | 1.6 | 47 |

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|---|---|---|---|
| 73 | Antisaccade Cost Is Modulated by Contextual Experience of Location Probability. Journal of Neurophysiology, 2010, 103, 1438-1447. | 1.8 | 31 |
| 74 | Inhibitory Control and the Frontal Eye Fields. Journal of Cognitive Neuroscience, 2010, 22, 2804-2812. | 2.3 | 43 |
| 75 | Human frontal eye fields and target switching. Cortex, 2010, 46, 178-184. | 2.4 | 28 |
| 76 | Control of prepotent responses by the superior medial frontal cortex. NeuroImage, 2009, 44, 537-545. | 4.2 | 173 |
| 77 | Time pressure leads to inhibitory control deficits in impulsive violent offenders. Behavioural Brain Research, 2008, 187, 483-488. | 2.2 | 34 |
| 78 | The timing of the involvement of the frontal eye fields and posterior parietal cortex in visual search. NeuroReport, 2008, 19, 1067-1071. | 1.2 | 43 |
| 79 | Neural correlates of impulsive-violent behavior: an event-related potential study. NeuroReport, 2005, 16, 1213-1216. | 1.2 | 41 |
| 80 | Effects of Search Efficiency on Surround Suppression During Visual Selection in Frontal Eye Field. Journal of Neurophysiology, 2004, 91, 2765-2769. | 1.8 | 56 |
| 81 | Cortical interactions in vision and awareness: hierarchies in reverse. Progress in Brain Research, 2004, 144, 117-130. | 1.4 | 36 |
| 82 | Dissociation of spatial attention and saccade preparation. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 15541-15544. | 7.1 | 224 |
| 83 | Feedback to V1: a reverse hierarchy in vision. Experimental Brain Research, 2003, 150, 259-263. | 1.5 | 113 |
| 84 | Human Frontal Eye Fields and Visual Search. Journal of Neurophysiology, 2003, 89, 3340-3343. | 1.8 | 183 |