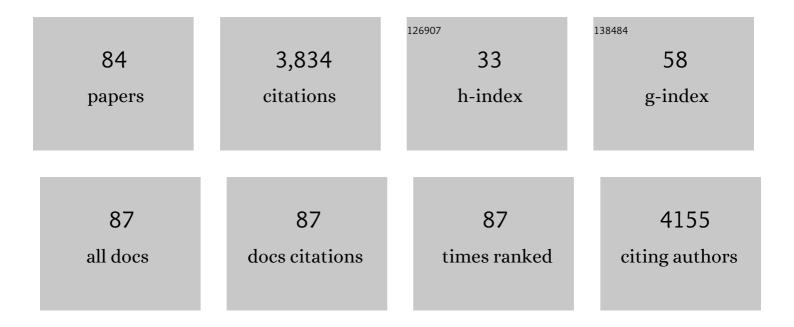
Chi-Hung Juan, é[~]®å•**ä**¹/4[~]

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	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
2	Efficacy of prefrontal theta-burst stimulation in refractory depression: a randomized sham-controlled study. Brain, 2014, 137, 2088-2098.	7.6	235
3	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
4	Modulating inhibitory control with direct current stimulation of the superior medial frontal cortex. NeuroImage, 2011, 56, 2249-2257.	4.2	198
5	Human Frontal Eye Fields and Visual Search. Journal of Neurophysiology, 2003, 89, 3340-3343.	1.8	183
6	Open vs. Closed Skill Sports and the Modulation of Inhibitory Control. PLoS ONE, 2013, 8, e55773.	2.5	176
7	Control of prepotent responses by the superior medial frontal cortex. NeuroImage, 2009, 44, 537-545.	4.2	173
8	Individual Differences and State-Dependent Responses in Transcranial Direct Current Stimulation. Frontiers in Human Neuroscience, 2016, 10, 643.	2.0	117
9	Feedback to V1: a reverse hierarchy in vision. Experimental Brain Research, 2003, 150, 259-263.	1.5	113
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	Right temporoparietal junction and attentional reorienting. Human Brain Mapping, 2013, 34, 869-877.	3.6	62

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19	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
20	Effects of Search Efficiency on Surround Suppression During Visual Selection in Frontal Eye Field. Journal of Neurophysiology, 2004, 91, 2765-2769.	1.8	56
21	Brain stimulation and inhibitory control. Brain Stimulation, 2012, 5, 63-69.	1.6	53
22	The Precuneus and Visuospatial Attention in Near and far Space: A Transcranial Magnetic Stimulation Study. Brain Stimulation, 2014, 7, 673-679.	1.6	51
23	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
24	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
25	Posterior parietal cortex mediates encoding and maintenance processes in change blindness. Neuropsychologia, 2010, 48, 1063-1070.	1.6	47
26	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
27	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
28	Inhibitory Control and the Frontal Eye Fields. Journal of Cognitive Neuroscience, 2010, 22, 2804-2812.	2.3	43
29	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
30	Unraveling nonlinear electrophysiologic processes in the human visual system with full dimension spectral analysis. Scientific Reports, 2019, 9, 16919.	3.3	42
31	Neural correlates of impulsive-violent behavior: an event-related potential study. NeuroReport, 2005, 16, 1213-1216.	1.2	41
32	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
33	Cortical interactions in vision and awareness: hierarchies in reverse. Progress in Brain Research, 2004, 144, 117-130.	1.4	36
34	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
35	Time pressure leads to inhibitory control deficits in impulsive violent offenders. Behavioural Brain Research, 2008, 187, 483-488.	2.2	34
36	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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37	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
38	Antisaccade Cost Is Modulated by Contextual Experience of Location Probability. Journal of Neurophysiology, 2010, 103, 1438-1447.	1.8	31
39	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
40	Human frontal eye fields and target switching. Cortex, 2010, 46, 178-184.	2.4	28
41	Frontoparietal Beta Amplitude Modulation and its Interareal Cross-frequency Coupling in Visual Working Memory. Neuroscience, 2021, 460, 69-87.	2.3	28
42	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
43	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
44	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
45	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
46	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
47	Trial type probability modulates the cost of antisaccades. Journal of Neurophysiology, 2011, 106, 515-526.	1.8	23
48	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
49	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
50	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
51	Sex differences in how erotic and painful stimuli impair inhibitory control. Cognition, 2012, 124, 251-255.	2.2	21
52	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
53	A checklist for assessing the methodological quality of concurrent tES-fMRI studies (ContES) Tj ETQq1 1 0	.784314 rgBT 12.0	/Overlock 10 21
54	The Facilitative Effect of Transcranial Direct Current Stimulation on Visuospatial Working Memory in Patients with Diabetic Polyneuropathy: A Pre–post Sham-Controlled Study. Frontiers in Human Neuroscience, 2016, 10, 479.	2.0	19

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55	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
56	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
57	Being watched by others eliminates the effect of emotional arousal on inhibitory control. Frontiers in Psychology, 2015, 6, 4.	2.1	17
58	Why Do Irrelevant Alternatives Matter? An fMRI-TMS Study of Context-Dependent Preferences. Journal of Neuroscience, 2017, 37, 11647-11661.	3.6	17
59	Probabilities in Implicit Learning. Perception, 2011, 40, 822-829.	1.2	15
60	Blending transcranial direct current stimulations and physical exercise to maximize cognitive improvement. Frontiers in Psychology, 2015, 6, 678.	2.1	15
61	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
62	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
63	The dorsal attentional system in oculomotor learning of predictive information. Frontiers in Human Neuroscience, 2013, 7, 404.	2.0	11
64	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
65	Theta Oscillation Reveals the Temporal Involvement of Different Attentional Networks in Contingent Reorienting. Frontiers in Human Neuroscience, 2016, 10, 264.	2.0	10
66	Revealing the Dynamic Nature of Amplitude Modulated Neural Entrainment With Holo-Hilbert Spectral Analysis. Frontiers in Neuroscience, 2021, 15, 673369.	2.8	10
67	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
68	Indices of association between anxiety and mindfulness: a guide for future mindfulness studies. Personality Neuroscience, 2019, 2, e9.	1.6	8
69	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
70	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
71	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
72	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

#	ARTICLE	IF	CITATIONS
73	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
74	Evaluating the Different Stages of Parkinson's Disease Using Electroencephalography With Holo-Hilbert Spectral Analysis. Frontiers in Aging Neuroscience, 2022, 14, .	3.4	6
75	Hand proximity facilitates spatial discrimination of auditory tones. Frontiers in Psychology, 2014, 5, 527.	2.1	5
76	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
77	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
78	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
79	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
80	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
81	Modulation of motor control in saccadic behaviors by TMS over the posterior parietal cortex. Journal of Neurophysiology, 2012, 108, 741-752.	1.8	3
82	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
83	Dynamical EEG Indices of Progressive Motor Inhibition and Error-Monitoring. Brain Sciences, 2021, 11, 478.	2.3	3
84	Changes When the Brain Is Stimulated by Current. Journal of Neuroscience and Neuroengineering, 2013, 2, 382-386.	0.2	1