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List of Publications by Year in descending order

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84
papers

3,834
citations

126907

33
h-index

138484

58
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87
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87
docs citations

87
times ranked

4155
citing authors

#	ARTICLE	IF	CITATIONS
1	Unleashing Potential: Transcranial Direct Current Stimulation over the Right Posterior Parietal Cortex Improves Change Detection in Low-Performing Individuals. <i>Journal of Neuroscience</i> , 2012, 32, 10554-10561.	3.6	241
2	Efficacy of prefrontal theta-burst stimulation in refractory depression: a randomized sham-controlled study. <i>Brain</i> , 2014, 137, 2088-2098.	7.6	235
3	Dissociation of spatial attention and saccade preparation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 15541-15544.	7.1	224
4	Modulating inhibitory control with direct current stimulation of the superior medial frontal cortex. <i>NeuroImage</i> , 2011, 56, 2249-2257.	4.2	198
5	Human Frontal Eye Fields and Visual Search. <i>Journal of Neurophysiology</i> , 2003, 89, 3340-3343.	1.8	183
6	Open vs. Closed Skill Sports and the Modulation of Inhibitory Control. <i>PLoS ONE</i> , 2013, 8, e55773.	2.5	176
7	Control of prepotent responses by the superior medial frontal cortex. <i>NeuroImage</i> , 2009, 44, 537-545.	4.2	173
8	Individual Differences and State-Dependent Responses in Transcranial Direct Current Stimulation. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 643.	2.0	117
9	Feedback to V1: a reverse hierarchy in vision. <i>Experimental Brain Research</i> , 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. <i>NeuroImage</i> , 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. <i>Brain and Cognition</i> , 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. <i>Vision Research</i> , 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. <i>NeuroImage</i> , 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. <i>Biological Psychiatry</i> , 2020, 87, 443-450.	1.3	68
15	A critical role of temporoparietal junction in the integration of top-down and bottom-up attentional control. <i>Human Brain Mapping</i> , 2015, 36, 4317-4333.	3.6	65
16	Brain stimulation improves cognitive control by modulating medial frontal activity and preSMA-mPFC functional connectivity. <i>Human Brain Mapping</i> , 2015, 36, 4004-4015.	3.6	64
17	Cognition-Modulated Frontal Activity in Prediction and Augmentation of Antidepressant Efficacy: A Randomized Controlled Pilot Study. <i>Cerebral Cortex</i> , 2016, 26, 202-210.	2.9	64
18	Right temporoparietal junction and attentional reorienting. <i>Human Brain Mapping</i> , 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. <i>Scientific Reports</i> , 2016, 6, 32138.	3.3	61
20	Effects of Search Efficiency on Surround Suppression During Visual Selection in Frontal Eye Field. <i>Journal of Neurophysiology</i> , 2004, 91, 2765-2769.	1.8	56
21	Brain stimulation and inhibitory control. <i>Brain Stimulation</i> , 2012, 5, 63-69.	1.6	53
22	The Precuneus and Visuospatial Attention in Near and far Space: A Transcranial Magnetic Stimulation Study. <i>Brain Stimulation</i> , 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. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 66, 35-40.	4.8	49
24	Lateral prefrontal cortex contributes to maladaptive decisions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4401-4406.	7.1	48
25	Posterior parietal cortex mediates encoding and maintenance processes in change blindness. <i>Neuropsychologia</i> , 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. <i>Scientific Reports</i> , 2018, 8, 349.	3.3	47
27	The timing of the involvement of the frontal eye fields and posterior parietal cortex in visual search. <i>NeuroReport</i> , 2008, 19, 1067-1071.	1.2	43
28	Inhibitory Control and the Frontal Eye Fields. <i>Journal of Cognitive Neuroscience</i> , 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. <i>Brain Stimulation</i> , 2018, 11, 1054-1062.	1.6	43
30	Unraveling nonlinear electrophysiologic processes in the human visual system with full dimension spectral analysis. <i>Scientific Reports</i> , 2019, 9, 16919.	3.3	42
31	Neural correlates of impulsive-violent behavior: an event-related potential study. <i>NeuroReport</i> , 2005, 16, 1213-1216.	1.2	41
32	Efficacy and tolerability of theta-burst stimulation for major depression: A systematic review and meta-analysis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 106, 110168.	4.8	39
33	Cortical interactions in vision and awareness: hierarchies in reverse. <i>Progress in Brain Research</i> , 2004, 144, 117-130.	1.4	36
34	Roles of the pre-SMA and rIFG in conditional stopping revealed by transcranial magnetic stimulation. <i>Behavioural Brain Research</i> , 2016, 296, 459-467.	2.2	36
35	Time pressure leads to inhibitory control deficits in impulsive violent offenders. <i>Behavioural Brain Research</i> , 2008, 187, 483-488.	2.2	34
36	Temporal Preparation in Athletes: A Comparison of Tennis Players and Swimmers With Sedentary Controls. <i>Journal of Motor Behavior</i> , 2013, 45, 55-63.	0.9	33

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55	The relationship between aerobic fitness and neural oscillations during visuo-spatial attention in young adults. <i>Experimental Brain Research</i> , 2015, 233, 1069-1078.	1.5	18
56	Left middle temporal and inferior frontal regions contribute to speed of lexical decision: A TMS study. <i>Brain and Cognition</i> , 2015, 93, 11-17.	1.8	18
57	Being watched by others eliminates the effect of emotional arousal on inhibitory control. <i>Frontiers in Psychology</i> , 2015, 6, 4.	2.1	17
58	Why Do Irrelevant Alternatives Matter? An fMRI-TMS Study of Context-Dependent Preferences. <i>Journal of Neuroscience</i> , 2017, 37, 11647-11661.	3.6	17
59	Probabilities in Implicit Learning. <i>Perception</i> , 2011, 40, 822-829.	1.2	15
60	Blending transcranial direct current stimulations and physical exercise to maximize cognitive improvement. <i>Frontiers in Psychology</i> , 2015, 6, 678.	2.1	15
61	Predictability of saccadic behaviors is modified by transcranial magnetic stimulation over human posterior parietal cortex. <i>Human Brain Mapping</i> , 2011, 32, 1961-1972.	3.6	12
62	Revealing the Electrophysiological Correlates of Working Memory-Load Effects in Symmetry Span Task With HHT Method. <i>Frontiers in Psychology</i> , 2019, 10, 855.	2.1	12
63	The dorsal attentional system in oculomotor learning of predictive information. <i>Frontiers in Human Neuroscience</i> , 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. <i>Journal of Affective Disorders</i> , 2022, 301, 400-425.	4.1	11
65	Theta Oscillation Reveals the Temporal Involvement of Different Attentional Networks in Contingent Reorienting. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 264.	2.0	10
66	Revealing the Dynamic Nature of Amplitude Modulated Neural Entrainment With Holo-Hilbert Spectral Analysis. <i>Frontiers in Neuroscience</i> , 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. <i>Journal of Affective Disorders</i> , 2022, 311, 364-370.	4.1	9
68	Indices of association between anxiety and mindfulness: a guide for future mindfulness studies. <i>Personality Neuroscience</i> , 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. <i>Journal of Neurophysiology</i> , 2014, 111, 705-714.	1.8	7
70	The potential of transcranial magnetic stimulation for population-based application: a region-based illustrated brief overview. <i>International Journal of Neuroscience</i> , 2014, 124, 717-723.	1.6	6
71	Attentional biases to emotion in impulsive and instrumental violent offenders: an event-related potential study. <i>Journal of Forensic Psychiatry and Psychology</i> , 2015, 26, 202-223.	1.0	6
72	Electrophysiological and behavioral evidence reveals the effects of trait anxiety on contingent attentional capture. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2017, 17, 973-983.	2.0	6

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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. <i>Journal of Affective Disorders</i> , 2022, 297, 353-359.	4.1	6
74	Evaluating the Different Stages of Parkinson's Disease Using Electroencephalography With Holo-Hilbert Spectral Analysis. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, .	3.4	6
75	Hand proximity facilitates spatial discrimination of auditory tones. <i>Frontiers in Psychology</i> , 2014, 5, 527.	2.1	5
76	Exploring the contributions of the supplementary eye field to subliminal inhibition using double-pulse transcranial magnetic stimulation. <i>Human Brain Mapping</i> , 2017, 38, 339-351.	3.6	5
77	Critical role of rhythms in prefrontal transcranial magnetic stimulation for depression: A randomized sham-controlled study. <i>Human Brain Mapping</i> , 2022, 43, 1535-1547.	3.6	5
78	Meditation Effects on the Control of Involuntary Contingent Reorienting Revealed With Electroencephalographic and Behavioral Evidence. <i>Frontiers in Integrative Neuroscience</i> , 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. <i>Chronic Stress</i> , 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. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 614978.	2.0	4
81	Modulation of motor control in saccadic behaviors by TMS over the posterior parietal cortex. <i>Journal of Neurophysiology</i> , 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. <i>Frontiers in Neuroscience</i> , 2018, 12, 421.	2.8	3
83	Dynamical EEG Indices of Progressive Motor Inhibition and Error-Monitoring. <i>Brain Sciences</i> , 2021, 11, 478.	2.3	3
84	Changes When the Brain Is Stimulated by Current. <i>Journal of Neuroscience and Neuroengineering</i> , 2013, 2, 382-386.	0.2	1