

Vincent Walsh

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

3,287
citations

331538

21
h-index

243529

44
g-index

47
all docs

47
docs citations

47
times ranked

3682
citing authors

#	ARTICLE	IF	CITATIONS
1	A theory of magnitude: common cortical metrics of time, space and quantity. <i>Trends in Cognitive Sciences</i> , 2003, 7, 483-488.	4.0	1,765
2	Transcranial direct current stimulation (tDCS) of the left dorsolateral prefrontal cortex modulates declarative memory. <i>Brain Stimulation</i> , 2012, 5, 231-241.	0.7	203
3	Transcranial alternating current stimulation (tACS) modulates cortical excitability as assessed by TMS-induced phosphene thresholds. <i>Clinical Neurophysiology</i> , 2010, 121, 1551-1554.	0.7	128
4	Combined TMS and fMRI Reveal Dissociable Cortical Pathways for Dynamic and Static Face Perception. <i>Current Biology</i> , 2014, 24, 2066-2070.	1.8	118
5	Is sport the brain's biggest challenge?. <i>Current Biology</i> , 2014, 24, R859-R860.	1.8	88
6	Time Adaptation Shows Duration Selectivity in the Human Parietal Cortex. <i>PLoS Biology</i> , 2015, 13, e1002262.	2.6	74
7	Transcranial electrical stimulation. <i>Current Biology</i> , 2017, 27, R1258-R1262.	1.8	71
8	From magnitude to natural numbers: A developmental neurocognitive perspective. <i>Behavioral and Brain Sciences</i> , 2008, 31, 647-648.	0.4	69
9	SET: a pupil detection method using sinusoidal approximation. <i>Frontiers in Neuroengineering</i> , 2015, 8, 4.	4.8	59
10	Alpha Oscillations Are Causally Linked to Inhibitory Abilities in Ageing. <i>Journal of Neuroscience</i> , 2018, 38, 4418-4429.	1.7	56
11	Dominant Voices and Attractive Faces: The Contribution of Visual and Auditory Information to Integrated Person Impressions. <i>Journal of Nonverbal Behavior</i> , 2015, 39, 355-370.	0.6	54
12	Cross-hemispheric Alternating Current Stimulation During a Nap Disrupts Slow Wave Activity and Associated Memory Consolidation. <i>Brain Stimulation</i> , 2015, 8, 520-527.	0.7	52
13	Neural predictors of treatment response to brain stimulation and psychological therapy in depression: a double-blind randomized controlled trial. <i>Neuropsychopharmacology</i> , 2019, 44, 1613-1622.	2.8	49
14	The physiological effects of transcranial electrical stimulation do not apply to parameters commonly used in studies of cognitive neuromodulation. <i>Neuropsychologia</i> , 2019, 128, 332-339.	0.7	41
15	Transcranial Magnetic Stimulation and the Understanding of Behavior. <i>Annual Review of Psychology</i> , 2021, 72, 97-121.	9.9	40
16	Time: the back-door of perception. <i>Trends in Cognitive Sciences</i> , 2003, 7, 335-338.	4.0	39
17	The angular gyrus and visuospatial attention in decision-making under risk. <i>NeuroImage</i> , 2014, 103, 75-80.	2.1	36
18	Visual area V5/hMT+ contributes to perception of tactile motion direction: a TMS study. <i>Scientific Reports</i> , 2017, 7, 40937.	1.6	29

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19	Rapid changes in brain structure predict improvements induced by perceptual learning. <i>NeuroImage</i> , 2013, 81, 205-212.	2.1	24
20	Differences in Looking at Own- and Other-Race Faces Are Subtle and Analysis-Dependent: An Account of Discrepant Reports. <i>PLoS ONE</i> , 2016, 11, e0148253.	1.1	24
21	Does excitatory fronto-extracerebral tDCS lead to improved working memory performance?. <i>F1000Research</i> , 2013, 2, 219.	0.8	23
22	On the roles of the human frontal eye fields and parietal cortex in visual search. <i>Visual Cognition</i> , 2006, 14, 934-957.	0.9	21
23	Transcranial electrical brain stimulation modulates neuronal tuning curves in perception of numerosity and duration. <i>NeuroImage</i> , 2014, 102, 451-457.	2.1	21
24	Effect of single-session transcranial direct current stimulation on cognition in Parkinson's disease. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 1237-1243.	1.9	19
25	Cognitive Neuroscience: Numerate Neurons. <i>Current Biology</i> , 2003, 13, R447-R448.	1.8	17
26	The Effect of Self-Efficacy on Visual Discrimination Sensitivity. <i>PLoS ONE</i> , 2014, 9, e109392.	1.1	17
27	The cortical representation of centrally presented words: A magnetic stimulation study. <i>Visual Cognition</i> , 2003, 10, 341-362.	0.9	16
28	Motor empathy is a consequence of misattribution of sensory information in observers. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 47.	1.0	15
29	Investigating the Neural Basis of Theta Burst Stimulation to Premotor Cortex on Emotional Vocalization Perception: A Combined TMS-fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 150.	1.0	14
30	"How many" and "how much" dissociate in the parietal lobe. <i>Cortex</i> , 2015, 73, 73-79.	1.1	12
31	Enhancing duration processing with parietal brain stimulation. <i>Neuropsychologia</i> , 2016, 85, 272-277.	0.7	12
32	Non-invasive stimulation of the social brain: the methodological challenges. <i>Social Cognitive and Affective Neuroscience</i> , 2022, 17, 15-25.	1.5	12
33	Left insular cortex and left SFG underlie prismatic adaptation effects on time perception: Evidence from fMRI. <i>NeuroImage</i> , 2014, 92, 340-348.	2.1	11
34	Combining Transcranial Direct Current Stimulation With Tai Chi to Improve Dual-Task Gait Performance in Older Adults With Mild Cognitive Impairment: A Randomized Controlled Trial. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 766649.	1.7	11
35	Characteristic visuomotor influences on eye-movement patterns to faces and other high level stimuli. <i>Frontiers in Psychology</i> , 2015, 6, 1027.	1.1	8
36	Effectiveness of above real-time training on decision-making in elite football: A dose-response investigation. <i>Progress in Brain Research</i> , 2017, 234, 101-116.	0.9	8

#	ARTICLE	IF	CITATIONS
37	Selecting between intelligent options. Behavioral and Brain Sciences, 2007, 30, 155-155.	0.4	6
38	A Novel Feature Combination Methods for Saliency-Based Visual Attention. , 2009, , .		5
39	Non-abstract numerical representations in the IPS: Further support, challenges, and clarifications. Behavioral and Brain Sciences, 2009, 32, 356-373.	0.4	4
40	The visual system as target of non-invasive brain stimulation for migraine treatment: Current insights and future challenges. Progress in Brain Research, 2020, 255, 207-247.	0.9	4
41	Revisiting the effects of transcranial direct current stimulation on pattern-reversal visual evoked potentials. Neuroscience Letters, 2021, 756, 135983.	1.0	4
42	Clinical and biobehavioral perspectives: Is medication overuse headache a behavior of dependence?. Progress in Brain Research, 2020, 255, 371-402.	0.9	4
43	Saliency based on cortex-like mechanisms. International Journal of Computer Mathematics, 2011, 88, 3942-3952.	1.0	2
44	Visual Perception: An Orderly Cue for Consciousness. Current Biology, 2009, 19, R1073-R1074.	1.8	1
45	Assessing decision making using 2D animations in elite academy footballers. Progress in Brain Research, 2020, 253, 71-85.	0.9	0
46	High-Frequency External Muscle Stimulation Reduces Depressive Symptoms in Older Male Veterans: A Pilot Study. Journal of Geriatric Psychiatry and Neurology, 2021, 34, 37-45.	1.2	0