

Vincent Walsh

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45
papers

2,579
citations

19
h-index

47
g-index

47
ext. papers

2,970
ext. citations

5.2
avg, IF

5.85
L-index

#	Paper	IF	Citations
45	A theory of magnitude: common cortical metrics of time, space and quantity. <i>Trends in Cognitive Sciences</i> , 2003 , 7, 483-8	14	1459
44	Transcranial direct current stimulation (tDCS) of the left dorsolateral prefrontal cortex modulates declarative memory. <i>Brain Stimulation</i> , 2012 , 5, 231-241	5.1	167
43	Transcranial alternating current stimulation (tACS) modulates cortical excitability as assessed by TMS-induced phosphene thresholds. <i>Clinical Neurophysiology</i> , 2010 , 121, 1551-1554	4.3	114
42	Combined TMS and fMRI reveal dissociable cortical pathways for dynamic and static face perception. <i>Current Biology</i> , 2014 , 24, 2066-70	6.3	87
41	From magnitude to natural numbers: A developmental neurocognitive perspective. <i>Behavioral and Brain Sciences</i> , 2008 , 31, 647-648	0.9	68
40	Is sport the brain's biggest challenge?. <i>Current Biology</i> , 2014 , 24, R859-R860	6.3	66
39	Time Adaptation Shows Duration Selectivity in the Human Parietal Cortex. <i>PLoS Biology</i> , 2015 , 13, e1002362	9.62	52
38	Transcranial electrical stimulation. <i>Current Biology</i> , 2017 , 27, R1258-R1262	6.3	45
37	SET: a pupil detection method using sinusoidal approximation. <i>Frontiers in Neuroengineering</i> , 2015 , 8, 4		45
36	Cross-hemispheric Alternating Current Stimulation During a Nap Disrupts Slow Wave Activity and Associated Memory Consolidation. <i>Brain Stimulation</i> , 2015 , 8, 520-7	5.1	41
35	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	8.7	36
34	Time: the back-door of perception. <i>Trends in Cognitive Sciences</i> , 2003 , 7, 335-338	14	34
33	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	3.4	30
32	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	3.2	29
31	Alpha Oscillations Are Causally Linked to Inhibitory Abilities in Ageing. <i>Journal of Neuroscience</i> , 2018 , 38, 4418-4429	6.6	26
30	The angular gyrus and visuospatial attention in decision-making under risk. <i>NeuroImage</i> , 2014 , 103, 75-80	7.9	26
29	Rapid changes in brain structure predict improvements induced by perceptual learning. <i>NeuroImage</i> , 2013 , 81, 205-212	7.9	21

28	Does excitatory fronto-extracerebral tDCS lead to improved working memory performance? <i>F1000Research</i> , 2013 , 2, 219	3.6	21
27	On the roles of the human frontal eye fields and parietal cortex in visual search. <i>Visual Cognition</i> , 2006 , 14, 934-957	1.8	19
26	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	3.7	18
25	Transcranial electrical brain stimulation modulates neuronal tuning curves in perception of numerosity and duration. <i>NeuroImage</i> , 2014 , 102 Pt 2, 451-7	7.9	17
24	Cognitive neuroscience: numerate neurons. <i>Current Biology</i> , 2003 , 13, R447-8	6.3	15
23	Effect of single-session transcranial direct current stimulation on cognition in Parkinson's disease. <i>CNS Neuroscience and Therapeutics</i> , 2019 , 25, 1237-1243	6.8	14
22	The cortical representation of centrally presented words: A magnetic stimulation study. <i>Visual Cognition</i> , 2003 , 10, 341-362	1.8	14
21	The effect of self-efficacy on visual discrimination sensitivity. <i>PLoS ONE</i> , 2014 , 9, e109392	3.7	14
20	Transcranial Magnetic Stimulation and the Understanding of Behavior. <i>Annual Review of Psychology</i> , 2021 , 72, 97-121	26.1	14
19	Visual area V5/hMT+ contributes to perception of tactile motion direction: a TMS study. <i>Scientific Reports</i> , 2017 , 7, 40937	4.9	13
18	Motor empathy is a consequence of misattribution of sensory information in observers. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 47	3.3	12
17	Left insular cortex and left SFG underlie prismatic adaptation effects on time perception: evidence from fMRI. <i>NeuroImage</i> , 2014 , 92, 340-8	7.9	11
16	Enhancing duration processing with parietal brain stimulation. <i>Neuropsychologia</i> , 2016 , 85, 272-7	3.2	9
15	How many and how much dissociate in the parietal lobe. <i>Cortex</i> , 2015 , 73, 73-9	3.8	7
14	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	3.3	7
13	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	2.9	6
12	Characteristic visuomotor influences on eye-movement patterns to faces and other high level stimuli. <i>Frontiers in Psychology</i> , 2015 , 6, 1027	3.4	6
11	Selecting between intelligent options. <i>Behavioral and Brain Sciences</i> , 2007 , 30, 155-155	0.9	4

10	Non-abstract numerical representations in the IPS: Further support, challenges, and clarifications. <i>Behavioral and Brain Sciences</i> , 2009 , 32, 356-373	0.9	3
9	The visual system as target of non-invasive brain stimulation for migraine treatment: Current insights and future challenges. <i>Progress in Brain Research</i> , 2020 , 255, 207-247	2.9	2
8	Saliency based on cortex-like mechanisms. <i>International Journal of Computer Mathematics</i> , 2011 , 88, 3942-3952		
7	A Novel Feature Combination Methods for Saliency-Based Visual Attention 2009 ,		2
6	Visual perception: an orderly cue for consciousness. <i>Current Biology</i> , 2009 , 19, R1073-4	6.3	1
5	Clinical and biobehavioral perspectives: Is medication overuse headache a behavior of dependence?. <i>Progress in Brain Research</i> , 2020 , 255, 371-402	2.9	1
4	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	5.3	1
3	Revisiting the effects of transcranial direct current stimulation on pattern-reversal visual evoked potentials. <i>Neuroscience Letters</i> , 2021 , 756, 135983	3.3	0
2	Assessing decision making using 2D animations in elite academy footballers. <i>Progress in Brain Research</i> , 2020 , 253, 71-85	2.9	
1	High-Frequency External Muscle Stimulation Reduces Depressive Symptoms in Older Male Veterans: A Pilot Study. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2021 , 34, 37-45	3.8	