Marine Vernet

List of Publications by Year
in descending order

38 papers	1,451 citations	516710 16 h-index	345221 36 g-index
42 all docs	42 docs citations	42 times ranked	2213 citing authors

#	Article	IF	Citations
1	Causal modulation of right hemisphereÂfronto-parietal phase synchrony with Transcranial Magnetic Stimulation during a conscious visual detection task. Scientific Reports, 2021, 11, 3807.	3.3	13
2	Statistical learning occurs during practice while high-order rule learning during rest period. Npj Science of Learning, 2021, 6, 14.	2.8	15
3	From visual awareness to consciousness without sensory input: The role of spontaneous brain activity. Cognitive Neuropsychology, 2020, 37, 216-219.	1.1	1
4	Interhemispheric and Intrahemispheric Connectivity From the Left Pars Opercularis Within the Language Network Is Modulated by Transcranial Stimulation in Healthy Subjects. Frontiers in Human Neuroscience, 2020, 14, 63.	2.0	3
5	Entrainment of local synchrony reveals a causal role for high-beta right frontal oscillations in human visual consciousness. Scientific Reports, 2019, 9, 14510.	3.3	17
6	Visuospatial Neglect - a Theory-Informed Overview of Current and Emerging Strategies and a Systematic Review on the Therapeutic Use of Non-invasive Brain Stimulation. Neuropsychology Review, 2019, 29, 397-420.	4.9	17
7	Endogenous visuospatial attention increases visual awareness independent of visual discrimination sensitivity. Neuropsychologia, 2019, 128, 297-304.	1.6	10
8	Pre-stimulus theta power is correlated with variation of motor evoked potential latency: a single-pulse TMS study. Experimental Brain Research, 2018, 236, 3003-3014.	1.5	5
9	Local entrainment of oscillatory activity induced by direct brain stimulation in humans. Scientific Reports, 2017, 7, 41908.	3.3	23
10	Characterizing and Modulating Brain Circuitry through Transcranial Magnetic Stimulation Combined with Electroencephalography. Frontiers in Neural Circuits, 2016, 10, 73.	2.8	113
11	Education Influences Creativity in Dyslexic and Non-Dyslexic Children and Teenagers. PLoS ONE, 2016, 11, e0150421.	2.5	13
12	Enhanced motor function and its neurophysiological correlates after navigated low-frequency repetitive transcranial magnetic stimulation over the contralesional motor cortex in stroke. Restorative Neurology and Neuroscience, 2016, 34, 677-689.	0.7	15
13	Direct current stimulation over the anterior temporal areas boosts semantic processing in primary progressive aphasia. Annals of Neurology, 2016, 80, 693-707.	5.3	47
14	Visual Contrast Sensitivity Improvement by Right Frontal High-Beta Activity Is Mediated by Contrast Gain Mechanisms and Influenced by Fronto-Parietal White Matter Microstructure. Cerebral Cortex, 2016, 26, 2381-2390.	2.9	34
15	Theta burst stimulation to characterize changes in brain plasticity following mild traumatic brain injury: A proof-of-principle study. Restorative Neurology and Neuroscience, 2015, 33, 611-620.	0.7	11
16	Eye movement instructions modulate motion illusion and body sway with Op Art. Frontiers in Human Neuroscience, 2015, 9, 121.	2.0	5
17	Physiological consequences of abnormal connectivity in a developmental epilepsy. Annals of Neurology, 2015, 77, 487-503.	5.3	64
18	Fronto-Parietal Anatomical Connections Influence the Modulation of Conscious Visual Perception by High-Beta Frontal Oscillatory Activity. Cerebral Cortex, 2015, 25, 2095-2101.	2.9	48

#	Article	IF	Citations
19	Arrhythmic activity in the left frontal eye field facilitates conscious visual perception in humans. Cortex, 2015, 71, 240-247.	2.4	14
20	Synchronous and opposite roles of the parietal andÂprefrontal cortices in bistable perception: A double-coil TMSâ€“EEG study. Cortex, 2015, 64, 78-88.	2.4	25
21	Visiting Richard SerraÃ¢â‚¬â„¢s Ã¢â‚¬Å“PromenadeÃ¢â‚¬Â•sculpture improves postural control and judgment of subjective visual vertical. Frontiers in Psychology, 2014, 5, 1349.	2.1	9
22	Differential effects of motor cortical excitability and plasticity in young and old individuals: a Transcranial Magnetic Stimulation (TMS) study. Frontiers in Aging Neuroscience, 2014, 6, 111.	3.4	55
23	Frontal eye field, where art thou? Anatomy, function, and non-invasive manipulation of frontal regions involved in eye movements and associated cognitive operations. Frontiers in Integrative Neuroscience, 2014, 8, 66.	2.1	172
24	Reproducibility of the effects of theta burst stimulation on motor cortical plasticity in healthy participants. Clinical Neurophysiology, 2014, 125, 320-326.	1.5	61
25	Insights on the neural basis of motor plasticity induced by theta burst stimulation from <scp>TMS</scp>â€“<scp>EEG</scp>. European Journal of Neuroscience, 2013, 37, 598-606.	2.6	76
26	Differential auditory-oculomotor interactions in patients with right vs. left sided subjective tinnitus: a saccade study. Frontiers in Human Neuroscience, 2013, 7, 47.	2.0	2
27	Changes in cortical plasticity after mild traumatic brain injury. Restorative Neurology and Neuroscience, 2012, 30, 277-282.	0.7	31
28	Changes in Cortical Plasticity Across the Lifespan. Frontiers in Aging Neuroscience, 2011, 3, 5.	3.4	120
29	Medio-Lateral Postural Instability in Subjects with Tinnitus. Frontiers in Neurology, 2011, 2, 35.	2.4	14
30	Guiding Binocular Saccades during Reading: A TMS Study of the PPC. Frontiers in Human Neuroscience, 2011, 5, 14.	2.0	7
31	Different Effects of Double-Pulse TMS of the Posterior Parietal Cortex on Reflexive and Voluntary Saccades. Frontiers in Human Neuroscience, 2011, 5, 114.	2.0	3
32	Characterizing Brain Cortical Plasticity and Network Dynamics Across the Age-Span in Health and Disease with TMS-EEG and TMS-fMRI. Brain Topography, 2011, 24, 302-315.	1.8	318
33	Spread Deficits in Initiation, Speed and Accuracy of Horizontal and Vertical Automatic Saccades in Dementia with Lewy Bodies. Frontiers in Neurology, 2010, 1, 138.	2.4	19
34	Central Crosstalk for Somatic Tinnitus: Abnormal Vergence Eye Movements. PLoS ONE, 2010, 5, e11845.	2.5	10
35	Switching between gap and overlap pro-saccades: cost or benefit?. Experimental Brain Research, 2009, 197, 49-58.	1.5	12
36	TMS of the posterior parietal cortex delays the latency of unpredictable saccades but not when they are combined with predictable divergence. Brain Research Bulletin, 2008, 76, 50-56.	3.0	5

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37	Divergence Influences Triggering of Both Vertical and Horizontal Saccades. Optometry and Vision Science, 2008, 85, 187-195.	1.2	1
38	Detecting fluorescent protein expression and co-localisation on single secretory vesicles with linear spectral unmixing. European Biophysics Journal, 2006, 35, 533-547.	2.2	37