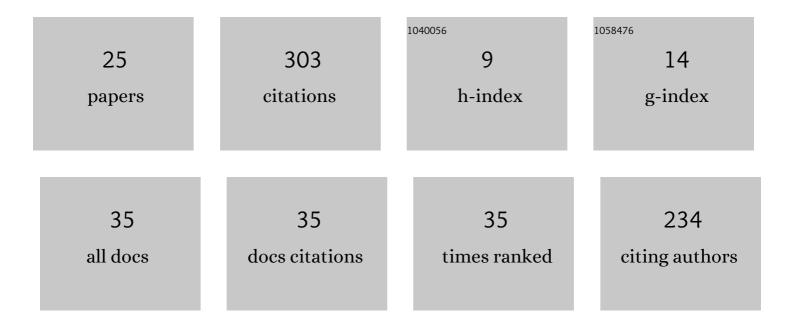
Victor Hugo Souza

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2516518/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Multi-locus transcranial magnetic stimulation system for electronically targeted brain stimulation. Brain Stimulation, 2022, 15, 116-124.	1.6	38
2	TMS with fast and accurate electronic control: Measuring the orientation sensitivity of corticomotor pathways. Brain Stimulation, 2022, 15, 306-315.	1.6	23
3	Closed-loop optimization of transcranial magnetic stimulation with electroencephalography feedback. Brain Stimulation, 2022, 15, 523-531.	1.6	40
4	Forearm and Hand Muscles Exhibit High Coactivation and Overlapping of Cortical Motor Representations. Brain Topography, 2022, 35, 322-336.	1.8	4
5	Handheld dynamometers for muscle strength assessment: pitfalls, misconceptions, and facts. Brazilian Journal of Physical Therapy, 2021, 25, 231-232.	2.5	4
6	Can Corticospinal Excitability Shed Light Into the Effects of Handedness on Motor Performance?. Frontiers in Neuroergonomics, 2021, 2, .	1.1	0
7	Effect of stimulus orientation and intensity on short-interval intracortical inhibition (SICI) and facilitation (SICF): A multi-channel transcranial magnetic stimulation study. PLoS ONE, 2021, 16, e0257554.	2.5	9
8	Trade-off between stimulation focality and the number of coils in multi-locus transcranial magnetic stimulation. Journal of Neural Engineering, 2021, 18, 066003.	3.5	15
9	The (un)standardized use of handheld dynamometers on the evaluation of muscle force output. Brazilian Journal of Physical Therapy, 2020, 24, 88-89.	2.5	5
10	Reader response: Insular and anterior cingulate cortex deep stimulation for central neuropathic pain: Disassembling the percept of pain. Neurology, 2020, 94, 720-721.	1.1	0
11	Motor potential evoked by transcranial magnetic stimulation depends on the placement protocol of recording electrodes: a pilot study. Biomedical Physics and Engineering Express, 2020, 6, 047003.	1.2	4
12	Short-interval intracortical inhibition in human primary motor cortex: A multi-locus transcranial magnetic stimulation study. NeuroImage, 2019, 203, 116194.	4.2	28
13	Method to assess the mismatch between the measured and nominal parameters of transcranial magnetic stimulation devices. Journal of Neuroscience Methods, 2019, 322, 83-87.	2.5	6
14	Transcranial magnetic stimulation for neuromodulation of the operculoâ€insular cortex in humans. Journal of Physiology, 2019, 597, 677-678.	2.9	3
15	Estimulação magnética transcraniana: uma breve revisão dos princÃpios e aplicações. Revista Brasileira De FÃsica Médica, 2019, 13, 49.	0.0	0
16	Patient-specific neurosurgical phantom: assessment of visual quality, accuracy, and scaling effects. 3D Printing in Medicine, 2018, 4, 3.	3.1	25
17	Lateralized asymmetries in distribution of muscular evoked responses: An evidence of specialized motor control over an intrinsic hand muscle. Brain Research, 2018, 1684, 60-66.	2.2	10
18	Can somatosensory electrical stimulation relieve spasticity in post-stroke patients? A TMS pilot study. Biomedizinische Technik, 2018, 63, 501-506.	0.8	4

VICTOR HUGO SOUZA

#	Article	IF	CITATIONS
19	Effect of TMS coil orientation on the spatial distribution of motor evoked potentials in an intrinsic hand muscle. Biomedizinische Technik, 2018, 63, 635-645.	0.8	11
20	Development and characterization of the InVesalius Navigator software for navigated transcranial magnetic stimulation. Journal of Neuroscience Methods, 2018, 309, 109-120.	2.5	27
21	Can the Recording of Motor Potentials Evoked by Transcranial Magnetic Stimulation Be Optimized?. Frontiers in Human Neuroscience, 2017, 11, 413.	2.0	7
22	Inter-institutional protocol describing the use of three-dimensional printing for surgical planning in a patient with childhood epilepsy: From 3D modeling to neuronavigation. , 2014, , .		4
23	Real-Time Spatial Localization System of Brain Regions for TMS Application by Co-registration with fMRI. IFMBE Proceedings, 2010, , 92-96.	0.3	0
24	Local brain-state dependency of effective connectivity: a pilot TMS–EEG study. Open Research Europe, 0, 2, 45.	2.0	0
25	Local brain-state dependency of effective connectivity: a pilot TMS–EEG study. Open Research Europe, 0, 2, 45.	2.0	3