

Victor Hugo Souza

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

303
citations

1040056

9
h-index

1058476

14
g-index

35
all docs

35
docs citations

35
times ranked

234
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-locus transcranial magnetic stimulation system for electronically targeted brain stimulation. <i>Brain Stimulation</i> , 2022, 15, 116-124.	1.6	38
2	TMS with fast and accurate electronic control: Measuring the orientation sensitivity of corticomotor pathways. <i>Brain Stimulation</i> , 2022, 15, 306-315.	1.6	23
3	Closed-loop optimization of transcranial magnetic stimulation with electroencephalography feedback. <i>Brain Stimulation</i> , 2022, 15, 523-531.	1.6	40
4	Forearm and Hand Muscles Exhibit High Coactivation and Overlapping of Cortical Motor Representations. <i>Brain Topography</i> , 2022, 35, 322-336.	1.8	4
5	Handheld dynamometers for muscle strength assessment: pitfalls, misconceptions, and facts. <i>Brazilian Journal of Physical Therapy</i> , 2021, 25, 231-232.	2.5	4
6	Can Corticospinal Excitability Shed Light Into the Effects of Handedness on Motor Performance?. <i>Frontiers in Neuroergonomics</i> , 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. <i>PLoS ONE</i> , 2021, 16, e0257554.	2.5	9
8	Trade-off between stimulation focality and the number of coils in multi-locus transcranial magnetic stimulation. <i>Journal of Neural Engineering</i> , 2021, 18, 066003.	3.5	15
9	The (un)standardized use of handheld dynamometers on the evaluation of muscle force output. <i>Brazilian Journal of Physical Therapy</i> , 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. <i>Neurology</i> , 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. <i>Biomedical Physics and Engineering Express</i> , 2020, 6, 047003.	1.2	4
12	Short-interval intracortical inhibition in human primary motor cortex: A multi-locus transcranial magnetic stimulation study. <i>NeuroImage</i> , 2019, 203, 116194.	4.2	28
13	Method to assess the mismatch between the measured and nominal parameters of transcranial magnetic stimulation devices. <i>Journal of Neuroscience Methods</i> , 2019, 322, 83-87.	2.5	6
14	Transcranial magnetic stimulation for neuromodulation of the operculo-insular cortex in humans. <i>Journal of Physiology</i> , 2019, 597, 677-678.	2.9	3
15	Estimulaç�o magn�tica transcraniana: uma breve revis�o dos princ�pios e aplica�es. <i>Revista Brasileira De F�sica M�dica</i> , 2019, 13, 49.	0.0	0
16	Patient-specific neurosurgical phantom: assessment of visual quality, accuracy, and scaling effects. <i>3D Printing in Medicine</i> , 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. <i>Brain Research</i> , 2018, 1684, 60-66.	2.2	10
18	Can somatosensory electrical stimulation relieve spasticity in post-stroke patients? A TMS pilot study. <i>Biomedizinische Technik</i> , 2018, 63, 501-506.	0.8	4

#	ARTICLE	IF	CITATIONS
19	Effect of TMS coil orientation on the spatial distribution of motor evoked potentials in an intrinsic hand muscle. <i>Biomedizinische Technik</i> , 2018, 63, 635-645.	0.8	11
20	Development and characterization of the InVesalius Navigator software for navigated transcranial magnetic stimulation. <i>Journal of Neuroscience Methods</i> , 2018, 309, 109-120.	2.5	27
21	Can the Recording of Motor Potentials Evoked by Transcranial Magnetic Stimulation Be Optimized?. <i>Frontiers in Human Neuroscience</i> , 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. <i>IFMBE Proceedings</i> , 2010, , 92-96.	0.3	0
24	Local brain-state dependency of effective connectivity: a pilot TMS-EEG study. <i>Open Research Europe</i> , 0, 2, 45.	2.0	0
25	Local brain-state dependency of effective connectivity: a pilot TMS-EEG study. <i>Open Research Europe</i> , 0, 2, 45.	2.0	3