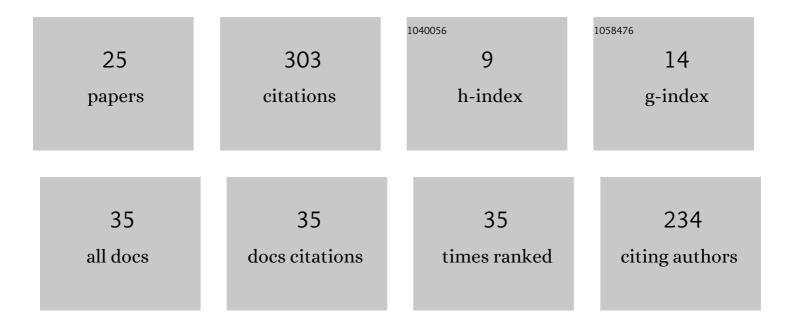
Victor Hugo Souza

List of Publications by Year in descending order

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VICTOR HUGO SOUZA

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Closed-loop optimization of transcranial magnetic stimulation with electroencephalography feedback. Brain Stimulation, 2022, 15, 523-531. | 1.6 | 40 |
| 2 | Multi-locus transcranial magnetic stimulation system for electronically targeted brain stimulation. Brain Stimulation, 2022, 15, 116-124. | 1.6 | 38 |
| 3 | Short-interval intracortical inhibition in human primary motor cortex: A multi-locus transcranial magnetic stimulation study. NeuroImage, 2019, 203, 116194. | 4.2 | 28 |
| 4 | Development and characterization of the InVesalius Navigator software for navigated transcranial magnetic stimulation. Journal of Neuroscience Methods, 2018, 309, 109-120. | 2.5 | 27 |
| 5 | Patient-specific neurosurgical phantom: assessment of visual quality, accuracy, and scaling effects. 3D Printing in Medicine, 2018, 4, 3. | 3.1 | 25 |
| 6 | TMS with fast and accurate electronic control: Measuring the orientation sensitivity of corticomotor pathways. Brain Stimulation, 2022, 15, 306-315. | 1.6 | 23 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Can the Recording of Motor Potentials Evoked by Transcranial Magnetic Stimulation Be Optimized?. Frontiers in Human Neuroscience, 2017, 11, 413. | 2.0 | 7 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | Can somatosensory electrical stimulation relieve spasticity in post-stroke patients? A TMS pilot study. Biomedizinische Technik, 2018, 63, 501-506. | 0.8 | 4 |
| 16 | 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 |
| 17 | Handheld dynamometers for muscle strength assessment: pitfalls, misconceptions, and facts. Brazilian Journal of Physical Therapy, 2021, 25, 231-232. | 2.5 | 4 |
| 18 | Forearm and Hand Muscles Exhibit High Coactivation and Overlapping of Cortical Motor Representations. Brain Topography, 2022, 35, 322-336. | 1.8 | 4 |

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Transcranial magnetic stimulation for neuromodulation of the operculoâ€insular cortex in humans. Journal of Physiology, 2019, 597, 677-678. | 2.9 | 3 |
| 20 | Local brain-state dependency of effective connectivity: a pilot TMS–EEG study. Open Research Europe, 0, 2, 45. | 2.0 | 3 |
| 21 | 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 |
| 22 | Can Corticospinal Excitability Shed Light Into the Effects of Handedness on Motor Performance?. Frontiers in Neuroergonomics, 2021, 2, . | 1.1 | 0 |
| 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 | Estimulação magnética transcraniana: uma breve revisão dos princÃpios e aplicações. Revista Brasileira De FÃsica Médica, 2019, 13, 49. | 0.0 | 0 |
| 25 | Local brain-state dependency of effective connectivity: a pilot TMS–EEG study. Open Research Europe, 0, 2, 45. | 2.0 | 0 |