

Andrea Guerra

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,566
citations

304743

22
h-index

345221

36
g-index

61
all docs

61
docs citations

61
times ranked

1689
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase Dependency of the Human Primary Motor Cortex and Cholinergic Inhibition Cancellation During Beta tACS. <i>Cerebral Cortex</i> , 2016, 26, 3977-3990.	2.9	104
2	Neurophysiological correlates of bradykinesia in Parkinson's disease. <i>Brain</i> , 2018, 141, 2432-2444.	7.6	99
3	Driving Human Motor Cortical Oscillations Leads to Behaviorally Relevant Changes in Local GABA _A Inhibition: A tACS-TMS Study. <i>Journal of Neuroscience</i> , 2017, 37, 4481-4492.	3.6	96
4	Variability in non-invasive brain stimulation studies: Reasons and results. <i>Neuroscience Letters</i> , 2020, 719, 133330.	2.1	95
5	Sensorimotor cortex excitability and connectivity in Alzheimer's disease: A TMS-EEG Co-registration study. <i>Human Brain Mapping</i> , 2016, 37, 2083-2096.	3.6	84
6	γ-Related Parkinson's Disease: Dissection of Genotype-Phenotype Correlates in a Large Italian Cohort. <i>Movement Disorders</i> , 2020, 35, 2106-2111.	3.9	83
7	Oscillatory Activities in Neurological Disorders of Elderly: Biomarkers to Target for Neuromodulation. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 189.	3.4	65
8	Driving motor cortex oscillations modulates bradykinesia in Parkinson's disease. <i>Brain</i> , 2022, 145, 224-236.	7.6	57
9	Abnormal cortical facilitation and L-dopa-induced dyskinesia in Parkinson's disease. <i>Brain Stimulation</i> , 2019, 12, 1517-1525.	1.6	53
10	Motor cortex excitability in Alzheimer's disease: a transcranial magnetic stimulation follow-up study. <i>Neuroscience Letters</i> , 2011, 492, 94-98.	2.1	52
11	Boosting the LTP-like plasticity effect of intermittent theta-burst stimulation using gamma transcranial alternating current stimulation. <i>Brain Stimulation</i> , 2018, 11, 734-742.	1.6	52
12	Solutions for managing variability in non-invasive brain stimulation studies. <i>Neuroscience Letters</i> , 2020, 719, 133332.	2.1	52
13	Enhancing Gamma Oscillations Restores Primary Motor Cortex Plasticity in Parkinson's Disease. <i>Journal of Neuroscience</i> , 2020, 40, 4788-4796.	3.6	51
14	Age-related changes of cortical excitability and connectivity in healthy humans: non-invasive evaluation of sensorimotor network by means of TMS-EEG. <i>Neuroscience</i> , 2017, 357, 255-263.	2.3	42
15	Neurophysiological features of motor cortex excitability and plasticity in Subcortical Ischemic Vascular Dementia: A TMS mapping study. <i>Clinical Neurophysiology</i> , 2015, 126, 906-913.	1.5	39
16	Transcranial Magnetic Stimulation Studies in Alzheimer's Disease. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-9.	2.0	38
17	Transcranial Alternating Current Stimulation Has Frequency-Dependent Effects on Motor Learning in Healthy Humans. <i>Neuroscience</i> , 2019, 411, 130-139.	2.3	38
18	Bradykinesia in Alzheimer's disease and its neurophysiological substrates. <i>Clinical Neurophysiology</i> , 2020, 131, 850-858.	1.5	36

#	ARTICLE	IF	CITATIONS
19	Effects of Transcranial Alternating Current Stimulation on Repetitive Finger Movements in Healthy Humans. <i>Neural Plasticity</i> , 2018, 2018, 1-10.	2.2	33
20	LTD-like plasticity of the human primary motor cortex can be reversed by $\hat{1}^3$ -tACS. <i>Brain Stimulation</i> , 2019, 12, 1490-1499.	1.6	33
21	Age related differences in functional synchronization of EEG activity as evaluated by means of TMS-EEG coreregistrations. <i>Neuroscience Letters</i> , 2017, 647, 141-146.	2.1	30
22	Is there evidence of bradykinesia in essential tremor?. <i>European Journal of Neurology</i> , 2020, 27, 1501-1509.	3.3	23
23	Pathophysiological Mechanisms and Experimental Pharmacotherapy for L-Dopa-Induced Dyskinesia. <i>Journal of Experimental Pharmacology</i> , 2021, Volume 13, 469-485.	3.2	22
24	Motor dysfunction in mild cognitive impairment as tested by kinematic analysis and transcranial magnetic stimulation. <i>Clinical Neurophysiology</i> , 2021, 132, 315-322.	1.5	20
25	Does an intraneural interface short-term implant for robotic hand control modulate sensorimotor cortical integration? An EEG-TMS co-registration study on a human amputee. <i>Restorative Neurology and Neuroscience</i> , 2014, 32, 281-292.	0.7	19
26	Motor Cortical Network Excitability in Parkinson's Disease. <i>Movement Disorders</i> , 2022, 37, 734-744.	3.9	19
27	Disorders of consciousness and electrophysiological treatment strategies: a review of the literature and new perspectives. <i>Current Pharmaceutical Design</i> , 2014, 20, 4248-67.	1.9	17
28	The effect of gamma oscillations in boosting primary motor cortex plasticity is greater in young than older adults. <i>Clinical Neurophysiology</i> , 2021, 132, 1358-1366.	1.5	16
29	Contribution of TMS and TMS-EEG to the Understanding of Mechanisms Underlying Physiological Brain Aging. <i>Brain Sciences</i> , 2021, 11, 405.	2.3	14
30	Disorders Of Consciousness And Electrophysiological Treatment Strategies: A Review Of The Literature And New Perspectives. <i>Current Pharmaceutical Design</i> , 2013, 999, 21-22.	1.9	14
31	TMS-EEG Biomarkers of Amnesic Mild Cognitive Impairment Due to Alzheimer's Disease: A Proof-of-Concept Six Years Prospective Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 737281.	3.4	14
32	Transcranial magnetic stimulation as a tool to induce and explore plasticity in humans. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2022, 184, 73-89.	1.8	14
33	Gamma-transcranial alternating current stimulation and theta-burst stimulation: inter-subject variability and the role of BDNF. <i>Clinical Neurophysiology</i> , 2020, 131, 2691-2699.	1.5	13
34	Detecting cortical circuits resonant to high-frequency oscillations in the human primary motor cortex: a TMS-tACS study. <i>Scientific Reports</i> , 2020, 10, 7695.	3.3	11
35	Long-term changes in short-interval intracortical facilitation modulate motor cortex plasticity and L-dopa-induced dyskinesia in Parkinson's disease. <i>Brain Stimulation</i> , 2022, 15, 99-108.	1.6	11
36	Phase-Amplitude Coupling of Neural Oscillations Can Be Effectively Probed with Concurrent TMS-EEG. <i>Neural Plasticity</i> , 2019, 2019, 1-13.	2.2	10

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37	Effects of Transcranial Ultrasound Stimulation on Trigeminal Blink Reflex Excitability. <i>Brain Sciences</i> , 2021, 11, 645.	2.3	10
38	Investigating the effects of transcranial alternating current stimulation on primary somatosensory cortex. <i>Scientific Reports</i> , 2020, 10, 17129.	3.3	9
39	Transcranial alternating current stimulation modulates cortical processing of somatosensory information in a frequency- and time-specific manner. <i>NeuroImage</i> , 2022, 254, 119119.	4.2	8
40	Investigating and Modulating Physiological and Pathological Brain Oscillations: The Role of Oscillatory Activity in Neural Plasticity. <i>Neural Plasticity</i> , 2019, 2019, 1-3.	2.2	7
41	Altered speech-related cortical network in frontotemporal dementia. <i>Brain Stimulation</i> , 2020, 13, 765-773.	1.6	7
42	Channel interpolation in TMS-EEG: A quantitative study towards an accurate topographical representation. , 2016, 2016, 989-992.		6
43	Bradykinesia in motoneuron diseases. <i>Clinical Neurophysiology</i> , 2021, 132, 2558-2566.	1.5	6
44	Dystonia, chorea, hemiballismus and other dyskinesias. <i>Clinical Neurophysiology</i> , 2022, 140, 110-125.	1.5	6
45	Neurophysiological makers of plastic brain reorganizazion following central and peripheral lesions. <i>Archives Italiennes De Biologie</i> , 2015, 152, 216-38.	0.4	4
46	Unilateral cortical hyperexcitability in congenital hydrocephalus: A TMS study. <i>Neurocase</i> , 2014, 20, 456-465.	0.6	3
47	Low-Intensity Transcranial Ultrasound Stimulation: Mechanisms of Action and Rationale for Future Applications in Movement Disorders. <i>Brain Sciences</i> , 2022, 12, 611.	2.3	3
48	Cardiac cycle does not affect motor evoked potential variability: A real-time EKG-EMG study. <i>Brain Stimulation</i> , 2021, 14, 170-172.	1.6	2
49	Editorial: Non-invasive Brain Stimulation for Neurodegenerative Disorders: From Investigation to Therapeutic Application. <i>Frontiers in Neurology</i> , 2022, 13, 820942.	2.4	2
50	Action Selection and Motor Decision Making: Insights from Transcranial Magnetic Stimulation. <i>Brain Sciences</i> , 2022, 12, 639.	2.3	2
51	The importance of assessing interactions between different circuits in primary motor cortex in Parkinsonâ€™s disease. <i>Clinical Neurophysiology</i> , 2021, 132, 2668-2670.	1.5	1
52	Neurophysiological assessment of juvenile parkinsonism due to primary monoamine neurotransmitter disorders. <i>Journal of Neural Transmission</i> , 2022, 129, 1011-1021.	2.8	1
53	P189: Does an intraneural interface short-term implant for robotic hand control modulate sensorimotor cortical integration? An EEG-TMS co-registration study on a human amputee. <i>Clinical Neurophysiology</i> , 2014, 125, S99.	1.5	0