

# Martin V Sale

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3790881/publications.pdf>

Version: 2024-02-01

37  
papers

1,816  
citations

361413  
20  
h-index

330143  
37  
g-index

41  
all docs

41  
docs citations

41  
times ranked

2369  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortisol Inhibits Neuroplasticity Induction in Human Motor Cortex. <i>Journal of Neuroscience</i> , 2008, 28, 8285-8293.	3.6	253
2	Factors influencing the magnitude and reproducibility of corticomotor excitability changes induced by paired associative stimulation. <i>Experimental Brain Research</i> , 2007, 181, 615-626.	1.5	244
3	Age-related differences in corticospinal control during functional isometric contractions in left and right hands. <i>Journal of Applied Physiology</i> , 2005, 99, 1483-1493.	2.5	144
4	Is there a critical lesion site for unilateral spatial neglect? A meta-analysis using activation likelihood estimation. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 78.	2.0	135
5	Imaging human brain networks to improve the clinical efficacy of non-invasive brain stimulation. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 57, 187-198.	6.1	121
6	A hierarchy of timescales explains distinct effects of local inhibition of primary visual cortex and frontal eye fields. <i>ELife</i> , 2016, 5, .	6.0	93
7	Motor-Unit Coherence and Its Relation With Synchrony Are Influenced by Training. <i>Journal of Neurophysiology</i> , 2004, 92, 3320-3331.	1.8	89
8	Brain changes following four weeks of unimanual motor training: Evidence from behavior, neural stimulation, cortical thickness, and functional MRI. <i>Human Brain Mapping</i> , 2017, 38, 4773-4787.	3.6	79
9	Asymmetry of motor cortex excitability during a simple motor task: relationships with handedness and manual performance. <i>Experimental Brain Research</i> , 2001, 138, 467-476.	1.5	67
10	Dissociable effects of local inhibitory and excitatory theta-burst stimulation on large-scale brain dynamics. <i>Journal of Neurophysiology</i> , 2015, 113, 3375-3385.	1.8	62
11	Visual Attentional Load Influences Plasticity in the Human Motor Cortex. <i>Journal of Neuroscience</i> , 2012, 32, 7001-7008.	3.6	60
12	Current challenges: the ups and downs of tACS. <i>Experimental Brain Research</i> , 2019, 237, 3071-3088.	1.5	57
13	Testing for Spatial Neglect with Line Bisection and Target Cancellation: Are Both Tasks Really Unrelated?. <i>PLoS ONE</i> , 2011, 6, e23017.	2.5	50
14	Male human motor cortex stimulus-response characteristics are not altered by aging. <i>Journal of Applied Physiology</i> , 2011, 110, 206-212.	2.5	36
15	Plasticity Induced by Intermittent Theta Burst Stimulation in Bilateral Motor Cortices Is Not Altered in Older Adults. <i>Neural Plasticity</i> , 2015, 2015, 1-9.	2.2	34
16	Increased intracortical inhibition in elderly adults with anterior-posterior current flow: A TMS study. <i>Clinical Neurophysiology</i> , 2016, 127, 635-640.	1.5	31
17	Neural Oscillations and the Initiation of Voluntary Movement. <i>Frontiers in Psychology</i> , 2018, 9, 2509.	2.1	30
18	Motor unit synchronization measured by cross-correlation is not influenced by short-term strength training of a hand muscle. <i>Experimental Brain Research</i> , 2006, 175, 745-753.	1.5	28

#	ARTICLE	IF	CITATIONS
19	Improved language production with transcranial direct current stimulation in progressive supranuclear palsy. <i>Neuropsychologia</i> , 2019, 127, 148-157.	1.6	27
20	Visual Spatial Attention Has Opposite Effects on Bidirectional Plasticity in the Human Motor Cortex. <i>Journal of Neuroscience</i> , 2014, 34, 1475-1480.	3.6	26
21	Brain changes following four weeks of unimanual motor training: Evidence from fMRI-guided diffusion MRI tractography. <i>Human Brain Mapping</i> , 2017, 38, 4302-4312.	3.6	26
22	Intermanual transfer and bilateral cortical plasticity is maintained in older adults after skilled motor training with simple and complex tasks. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 73.	3.4	20
23	Corticospinal Plasticity in Bilateral Primary Motor Cortices Induced by Paired Associative Stimulation to the Dominant Hemisphere Does Not Differ between Young and Older Adults. <i>Neural Plasticity</i> , 2017, 1-14.	2.2	15
24	No Evidence for Phase-Specific Effects of 40 Hz HD-tACS on Multiple Object Tracking. <i>Frontiers in Psychology</i> , 2018, 9, 304.	2.1	14
25	Selective enhancement of motor cortical plasticity by observed mirror-matched actions. <i>NeuroImage</i> , 2013, 74, 30-36.	4.2	12
26	Gamma coherence mediates interhemispheric integration during multiple object tracking. <i>Journal of Neurophysiology</i> , 2020, 123, 1630-1644.	1.8	12
27	Stimulus uncertainty enhances long-term potentiation-like plasticity in human motor cortex. <i>Cortex</i> , 2017, 88, 32-41.	2.4	9
28	Time of Day Does Not Modulate Improvements in Motor Performance following a Repetitive Ballistic Motor Training Task. <i>Neural Plasticity</i> , 2013, 2013, 1-9.	2.2	8
29	Age-related differences in idea generation and selection for propositional language. <i>Aging, Neuropsychology, and Cognition</i> , 2019, 26, 486-506.	1.3	8
30	Associative plasticity in the human motor cortex is enhanced by concurrently targeting separate muscle representations with excitatory and inhibitory protocols. <i>Journal of Neurophysiology</i> , 2016, 115, 2191-2198.	1.8	4
31	Different Stimulation Frequencies Alter Synchronous Fluctuations in Motor Evoked Potential Amplitude of Intrinsic Hand Muscles—a TMS Study. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 100.	2.0	4
32	Differentiating Beyond Name Agreement for Picture Naming: Insight From Age-Related Selection Deficits. <i>Journal of Speech, Language, and Hearing Research</i> , 2019, 62, 1373-1380.	1.6	4
33	Pallidotomy does not ameliorate abnormal intracortical inhibition in Parkinson's disease. <i>Journal of Clinical Neuroscience</i> , 2010, 17, 711-716.	1.5	3
34	Improved conceptual generation and selection with transcranial direct current stimulation in older adults. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2019, 41, 43-57.	1.3	3
35	Effects of Slow Oscillatory Transcranial Alternating Current Stimulation on Motor Cortical Excitability Assessed by Transcranial Magnetic Stimulation. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 726604.	2.0	3
36	Motor training is improved by concurrent application of slow oscillating transcranial alternating current stimulation to motor cortex. <i>BMC Neuroscience</i> , 2022, 23, .	1.9	2

#	ARTICLE	IF	CITATIONS
37	Plasticity induced by paired associative stimulation is boosted by concurrently targeting separate motor cortical representations with excitatory and inhibitory protocols. <i>Brain Stimulation</i> , 2015, 8, 371.	1.6	1