Matteo Feurra

List of Publications by Year
in descending order

45 papers	1,535 citations	394421 19 h-index	315739 38 g-index
47 all docs	47 docs citations	47 times ranked	1848 citing authors

#	Article	IF	Citations
1	Frequency-Dependent Tuning of the Human Motor System Induced by Transcranial Oscillatory Potentials. Journal of Neuroscience, 2011, 31, 12165-12170.	3.6	204
2	Frequency-Dependent Enhancement of Fluid Intelligence Induced by Transcranial Oscillatory Potentials. Current Biology, 2013, 23, 1449-1453.	3.9	189
3	State-Dependent Effects of Transcranial Oscillatory Currents on the Motor System: What You Think Matters. Journal of Neuroscience, 2013, 33, 17483-17489.	3.6	159
4	Frequency Specific Modulation of Human Somatosensory Cortex. Frontiers in Psychology, 2011, 2, 13.	2.1	128
5	Primary motor cortex functionally contributes to language comprehension: An online rTMS study. Neuropsychologia, 2017, 96, 222-229.	1.6	107
6	Vegetative versus Minimally Conscious States: A Study Using TMS-EEG, Sensory and Event-Related Potentials. PLoS ONE, 2013, 8, e57069.	2.5	98
7	A systematic review and meta-analysis of the effects of transcranial direct current stimulation (tDCS) on episodic memory. Brain Stimulation, 2019, 12, 231-241.	1.6	71
8	Time Course of Corticospinal Excitability and Autonomic Function Interplay during and Following Monopolar tDCS. Frontiers in Psychiatry, 2014, 5, 86.	2.6	54
9	â€œDid you see him in the newspaper?â€•Electrophysiological correlates of context and valence in face processing. Brain Research, 2006, 1119, 190-202.	2.2	42
10	Temporal Dynamics of Memory Trace Formation in the Human Prefrontal Cortex. Cerebral Cortex, 2011, 21, 368-373.	2.9	39
11	Midfrontal theta transcranial alternating current stimulation modulates behavioural adjustment after error execution. European Journal of Neuroscience, 2018, 48, 3159-3170.	2.6	37
12	Event-related rTMS at encoding affects differently deep and shallow memory traces. NeuroImage, 2010, 53, 325-330.	4.2	36
13	Cortico-Cortical Connectivity between Right Parietal and Bilateral Primary Motor Cortices during Imagined and Observed Actions: A Combined TMS/tDCS Study. Frontiers in Neural Circuits, 2011, 5, 10.	2.8	33
14	Transcranial Alternating Current Stimulation Modulates Risky Decision Making in a Frequency-Controlled Experiment. ENeuro, 2017, 4, ENEURO.0136-17.2017.	1.9	31
15	State-Dependent Effects of Transcranial Oscillatory Currents on the Motor System during Action Observation. Scientific Reports, 2019, 9, 12858.	3.3	30
16	Online and offline effects of transcranial alternating current stimulation of the primary motor cortex. Scientific Reports, 2021, 11, 3854.	3.3	29
17	The role of the right temporoparietal junction in intersensory conflict: detection or resolution?. Experimental Brain Research, 2010, 206, 129-139.	1.5	28
18	Involvement of the parietal cortex in perceptual learning (Eureka effect): An interference approach using rTMS. Neuropsychologia, 2010, 48, 1807-1812.	1.6	21

#	Article	IF	Citations
19	TMS Interference with Primacy and Recency Mechanisms Reveals Bimodal Episodic Encoding in the Human Brain. Journal of Cognitive Neuroscience, 2013, 25, 109-116.	2.3	21
20	Frequency-specific insight into short-term memory capacity. Journal of Neurophysiology, 2016, 116, 153-158.	1.8	21
21	Disruption of the prefrontal cortex function by rTMS produces a category-specific enhancement of the reaction times during visual object identification. Neuropsychologia, 2008, 46, 2725-2731.	1.6	20
22	Overclock Your Brain for Gaming? Ethical, Social and Health Care Risks. Brain Stimulation, 2013, 6, 713-714.	1.6	14
23	Bi-hemispheric effects on corticospinal excitability induced by repeated sessions of imagery versus observation of actions. Restorative Neurology and Neuroscience, 2012, 30, 481-489.	0.7	13
24	Transcranial Alternating Current Stimulation Affects Decision Making. Frontiers in Systems Neuroscience, 2012, 6, 39.	2.5	13
25	Role of brain hemispheric dominance in anticipatory postural control strategies. Experimental Brain Research, 2016, 234, 1997-2005.	1.5	12
26	Individual and sexâ€related differences in pain and relief responsiveness are associated with differences in restingâ€state functional networks in healthy volunteers. European Journal of Neuroscience, 2016, 43, 486-493.	2.6	10
27	Modulating the interhemispheric balance in healthy participants with transcranial direct current stimulation: No significant effects on word or sentence processing. Brain and Language, 2018, 186, 60-66.	1.6	9
28	Jitter of Corticospinal Neurons During Repetitive Transcranial Magnetic Stimulation. Method and Possible Clinical Implications. Brain Stimulation, 2014, 7, 580-586.	1.6	8
29	The role of the left inferior frontal gyrus in episodic encoding of faces: An interference study by repetitive transcranial magnetic stimulation. Cognitive Neuroscience, 2010, 1, 118-125.	1.4	7
30	Effects of Transcranial Alternating Current Stimulation on the Primary Motor Cortex by Online Combined Approach with Transcranial Magnetic Stimulation. Journal of Visualized Experiments, 2017, , .	0.3	7
31	Investigating and Modulating Physiological and Pathological Brain Oscillations: The Role of Oscillatory Activity in Neural Plasticity. Neural Plasticity, 2019, 2019, 1-3.	2.2	7
32	Examining the effects of transcranial direct current stimulation on human episodic memory with machine learning. PLoS ONE, 2020, 15, e0235179.	2.5	7
33	Noninvasive brain stimulation and brain oscillations. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2022, 184, 239-247.	1.8	7
34	Transcranial Direct Current Stimulation Effects on Memory Consolidation: Timing Matters. ENeuro, 2019, 6, ENEURO.0481-18.2019.	1.9	6
35	No Effect of the Right Posterior Parietal Cortex tDCS in Dual-Target Visual Search. Frontiers in Psychology, 2018, 9, 2112.	2.1	5
36	Dynamic changes in prefrontal cortex involvement during verbal episodic memory formation. Biological Psychology, 2017, 125, 36-44.	2.2	4

#	Article	IF	Citations
37	Commentary: Duration-dependent effects of the BDNF Val66Met polymorphism on anodal tDCS induced motor cortex plasticity in older adults: a group and individual perspective. Frontiers in Aging Neuroscience, 2015, 7, 183.	3.4	2
38	Changes in neuronal oscillations account for working memory dynamics: EEG-tACS study. Brain Stimulation, 2019, 12, e168.	1.6	2
39	Differential effects of acute cortisol administration on deep and shallow episodic memory traces: A study on healthy males. Neurobiology of Learning and Memory, 2014, 114, 186-192.	1.9	1
40	Impact of Î²-range-induced oscillatory activity on human inputâ€“output relationship of the corticospinal pathway. Neurological Research, 2021, 43, 496-502.	1.3	0
41	Single gene polymorphisms as a predictor of noninvasive brain stimulation effectiveness (commentary) Tj ETQq1 1 0.784314 rgBT /Over	2.6	0
42	Title is missing!. , 2020, 15, e0235179.		0
43	Title is missing!. , 2020, 15, e0235179.		0
44	Title is missing!. , 2020, 15, e0235179.		0
45	Title is missing!. , 2020, 15, e0235179.		0