Mitchell R Goldsworthy

List of Publications by Year
in descending order

48	1,799	346980	325983
papers	citations	22 h-index	40 g-index

53	53	53	2328
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	How are combinations of physical activity, sedentary behaviour and sleep related to cognitive function in older adults? A systematic review. Experimental Gerontology, 2022, 159, 111698.	1.2	21
2	Characterising activity and diet compositions for dementia prevention: protocol for the ACTIVate prospective longitudinal cohort study. BMJ Open, 2022, 12, e047888.	0.8	5
3	Does predictive cueing of presentation time modulate alpha power and facilitate visual working memory performance in younger and older adults?. Brain and Cognition, 2022, 159, 105861.	0.8	2
4	Loadâ€dependent modulation of alpha oscillations during working memory encoding and retention in young and older adults. Psychophysiology, 2021, 58, e13719.	1.2	13
5	The Role of Alpha Power in the Suppression of Anticipated Distractors During Verbal Working Memory. Brain Topography, 2021, 34, 102-109.	0.8	3
6	Examining motor evoked potential amplitude and shortâ€interval intracortical inhibition on the upâ€going and downâ€going phases of a transcranial alternating current stimulation (tacs) imposed alpha oscillation. European Journal of Neuroscience, 2021, 53, 2755-2762.	1.2	3
7	Cortical Plasticity and Interneuron Recruitment in Adolescents Born to Women with Gestational Diabetes Mellitus. Brain Sciences, 2021, 11, 388.	1.1	3
8	Daily activities are associated with non-invasive measures of neuroplasticity in older adults. Clinical Neurophysiology, 2021, 132, 984-992.	0.7	13
9	Motor network connectivity predicts neuroplastic response following theta burst stimulation in healthy adults. Brain Structure and Function, 2021, 226, 1893-1907.	1.2	2
10	Effects of rTMS on the brain: is there value in variability?. Cortex, 2021, 139, 43-59.	1.1	34
11	Acute aerobic exercise and neuroplasticity of the motor cortex: A systematic review. Journal of Science and Medicine in Sport, 2020, 23, 408-414.	0.6	41
12	Age-related decline of neuroplasticity to intermittent theta burst stimulation of the lateral prefrontal cortex and its relationship with late-life memory performance. Clinical Neurophysiology, 2020, 131, 2181-2191.	0.7	13
13	Resting State Functional Connectivity Is Associated With Motor Pathway Integrity and Upper-Limb Behavior in Chronic Stroke. Neurorehabilitation and Neural Repair, 2020, 34, 547-557.	1.4	22
14	Case report of a vasovagal pre-syncope event during single-pulse transcranial magnetic stimulation in a healthy adult participant. Clinical Neurophysiology, 2020, 131, 981-982.	0.7	3
15	Transcranial Magnetic Stimulation-EEG Biomarkers of Poststroke Upper-Limb Motor Function. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 104452.	0.7	13
16	Characterization of Young and Old Adult Brains: An EEG Functional Connectivity Analysis. Neuroscience, 2019, 422, 230-239.	1.1	33
17	High-intensity Aerobic Exercise Blocks the Facilitation of iTBS-induced Plasticity in the Human Motor Cortex. Neuroscience, 2018, 373, 1-6.	1.1	12
18	Reduced Cortical Excitability, Neuroplasticity, and Salivary Cortisol in 11â€“13-Year-Old Children Born to Women with Gestational Diabetes Mellitus. EBioMedicine, 2018, 31, 143-149.	2.7	25

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19	Variability of the cortisol awakening response and morning salivary oxytocin in late adolescence. Journal of Neuroendocrinology, 2018, 30, e12645.	1.2	4
20	The effect of stimulation interval on plasticity following repeated blocks of intermittent theta burst stimulation. Scientific Reports, 2018, 8, 8526.	1.6	68
21	Simulation of electromyographic recordings following transcranial magnetic stimulation. Journal of Neurophysiology, 2018, 120, 2532-2541.	0.9	12
22	Commentary: Cooperation Not Competition: Bihemispheric tDCS and fMRI Show Role for Ipsilateral Hemisphere in Motor Learning. Frontiers in Human Neuroscience, 2018, 12, 97.	1.0	4
23	Commentary: Consistency of EEG source localization and connectivity estimates. Frontiers in Neuroscience, 2018, 12, 147.	1.4	5
24	Dose dependency of transcranial direct current stimulation: implications for neuroplasticity induction in health and disease. Journal of Physiology, 2017, 595, 3265-3266.	1.3	21
25	Resting state functional connectivity measures correlate with the response to anodal transcranial direct current stimulation. European Journal of Neuroscience, 2017, 45, 837-845.	1.2	30
26	Variability in neural excitability and plasticity induction in the human cortex: A brain stimulation study. Brain Stimulation, 2017, 10, 588-595.	0.7	95
27	26th Annual Computational Neuroscience Meeting (CNS*2017): Part 3. BMC Neuroscience, 2017, 18, .	0.8	7
28	Investigating TMSâ€“EEG Indices of Long-Interval Intracortical Inhibition at Different Interstimulus Intervals. Brain Stimulation, 2017, 10, 65-74.	0.7	41
29	Commentary: Utility of EEG measures of brain function in patients with acute stroke. Frontiers in Human Neuroscience, 2016, 10, 621.	1.0	5
30	Combined transcranial alternating current stimulation and continuous theta burst stimulation: a novel approach for neuroplasticity induction. European Journal of Neuroscience, 2016, 43, 572-579.	1.2	25
31	Minimum number of trials required for within- and between-session reliability of TMS measures of corticospinal excitability. Neuroscience, 2016, 320, 205-209.	1.1	146
32	The influence of short-interval intracortical facilitation when assessing developmental changes in short-interval intracortical inhibition. Neuroscience, 2016, 312, 19-25.	1.1	7
33	Probing changes in corticospinal excitability following theta burst stimulation of the human primary motor cortex. Clinical Neurophysiology, 2016, 127, 740-747.	0.7	34
34	Resistant Against De-depression: LTD-Like Plasticity in the Human Motor Cortex Induced by Spaced cTBS. Cerebral Cortex, 2015, 25, 1724-1734.	1.6	61
35	A comparison of two methods for estimating 50% of the maximal motor evoked potential. Clinical Neurophysiology, 2015, 126, 2337-2341.	0.7	31
36	Inter- and intra-subject variability of motor cortex plasticity following continuous theta-burst stimulation. Neuroscience, 2015, 304, 266-278.	1.1	93

#	Article	IF	Citations
37	Response variability to non-invasive brain stimulation protocols. Clinical Neurophysiology, 2015, 126, 2249-2250.	0.7	22
38	Spaced Noninvasive Brain Stimulation. Neurorehabilitation and Neural Repair, 2015, 29, 714-721.	1.4	50
39	Can noninvasive brain stimulation enhance function in the ageing brain?. Journal of Neurophysiology, 2014, 111, 1-3.	0.9	10
40	Day differences in the cortisol awakening response predict day differences in synaptic plasticity in the brain. Stress, 2014, 17, 219-223.	0.8	53
41	Inter-subject Variability of LTD-like Plasticity in Human Motor Cortex: A Matter of Preceding Motor Activation. Brain Stimulation, 2014, 7, 864-870.	0.7	86
42	The influence of a single bout of aerobic exercise on short-interval intracortical excitability. Experimental Brain Research, 2014, 232, 1875-1882.	0.7	116
43	Neuroplastic Modulation of Inhibitory Motor Cortical Networks by Spaced Theta Burst Stimulation Protocols. Brain Stimulation, 2013, 6, 340-345.	0.7	40
44	The Role of Â-Amyloid in Alzheimer's Disease-Related Neurodegeneration. Journal of Neuroscience, 2013, 33, 12910-12911.	1.7	26
45	A comparison of two different continuous theta burst stimulation paradigms applied to the human primary motor cortex. Clinical Neurophysiology, 2012, 123, 2256-2263.	0.7	95
46	The application of spaced theta burst protocols induces longâ€lasting neuroplastic changes in the human motor cortex. European Journal of Neuroscience, 2012, 35, 125-134.	1.2	134
47	Poor Long-Term Patient Compliance with the Tennis Ball Technique for Treating Positional Obstructive Sleep Apnea. Journal of Clinical Sleep Medicine, 2009, 05, 428-430.	1.4	136
48	Poor long-term patient compliance with the tennis ball technique for treating positional obstructive sleep apnea. Journal of Clinical Sleep Medicine, 2009, 5, 428-30.	1.4	65