

Ricci Hannah

List of Publications by Year in descending order

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44
papers

1,655
citations

304602

22
h-index

330025

37
g-index

49
all docs

49
docs citations

49
times ranked

1811
citing authors

#	ARTICLE	IF	CITATIONS
1	Human capacity for explosive force production: Neural and contractile determinants. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014, 24, 894-906.	1.3	217
2	Reliability of neuromuscular measurements during explosive isometric contractions, with special reference to electromyography normalization techniques. <i>Muscle and Nerve</i> , 2012, 46, 566-576.	1.0	109
3	Temporal cascade of frontal, motor and muscle processes underlying human action-stopping. <i>ELife</i> , 2020, 9, .	2.8	106
4	Effect of coil orientation on strengthâ€™duration time constant and I-wave activation with controllable pulse parameter transcranial magnetic stimulation. <i>Clinical Neurophysiology</i> , 2016, 127, 675-683.	0.7	99
5	Pulse Duration as Well as Current Direction Determines the Specificity of Transcranial Magnetic Stimulation of Motor Cortex during Contraction. <i>Brain Stimulation</i> , 2017, 10, 106-115.	0.7	99
6	Selective Suppression of Local Interneuron Circuits in Human Motor Cortex Contributes to Movement Preparation. <i>Journal of Neuroscience</i> , 2018, 38, 1264-1276.	1.7	80
7	Explosive neuromuscular performance of males <i>versus</i> females. <i>Experimental Physiology</i> , 2012, 97, 618-629.	0.9	70
8	Variability and Predictors of Response to Continuous Theta Burst Stimulation: A TMS-EEG Study. <i>Frontiers in Neuroscience</i> , 2018, 12, 400.	1.4	64
9	Towards real-world generalizability of a circuit for action-stopping. <i>Nature Reviews Neuroscience</i> , 2021, 22, 538-552.	4.9	62
10	Effects of pulse width, waveform and current direction in the cortex: A combined cTMS-EEG study. <i>Brain Stimulation</i> , 2018, 11, 1063-1070.	0.7	61
11	TMS of primary motor cortex with a biphasic pulse activates two independent sets of excitable neurones. <i>Brain Stimulation</i> , 2018, 11, 558-565.	0.7	54
12	Alexithymia mediates the relationship between interoceptive sensibility and anxiety. <i>PLoS ONE</i> , 2018, 13, e0203212.	1.1	50
13	Temporally-precise disruption of prefrontal cortex informed by the timing of beta bursts impairs human action-stopping. <i>NeuroImage</i> , 2020, 222, 117222.	2.1	44
14	Non-invasive brain stimulation as a tool to study cerebellar-M1 interactions in humans. <i>Cerebellum and Ataxias</i> , 2016, 3, 19.	1.9	43
15	Locomotor muscle fatigue is not critically regulated after prior upper body exercise. <i>Journal of Applied Physiology</i> , 2015, 119, 840-850.	1.2	41
16	Effects of Quadripulse Stimulation on Human Motor Cortex Excitability: A Replication Study. <i>Brain Stimulation</i> , 2016, 9, 148-150.	0.7	35
17	Direction of TDCS current flow in human sensorimotor cortex influences behavioural learning. <i>Brain Stimulation</i> , 2019, 12, 684-692.	0.7	34
18	Cortical Paired Associative Stimulation Influences Response Inhibition: Cortico-cortical and Cortico-subcortical Networks. <i>Biological Psychiatry</i> , 2019, 85, 355-363.	0.7	34

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19	Longer Electromechanical Delay Impairs Hamstrings Explosive Force versus Quadriceps. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 963-972.	0.2	32
20	Whole-body vibration does not influence knee joint neuromuscular function or proprioception. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2013, 23, 96-104.	1.3	30
21	β-Alanine supplementation enhances human skeletal muscle relaxation speed but not force production capacity. <i>Journal of Applied Physiology</i> , 2015, 118, 604-612.	1.2	27
22	Explosive hamstrings-to-quadriceps force ratio of males versus females. <i>European Journal of Applied Physiology</i> , 2015, 115, 837-847.	1.2	25
23	Controllable Pulse Parameter TMS and TMS-EEG As Novel Approaches to Improve Neural Targeting with rTMS in Human Cerebral Cortex. <i>Frontiers in Neural Circuits</i> , 2016, 10, 97.	1.4	23
24	Pulse width biases the balance of excitation and inhibition recruited by transcranial magnetic stimulation. <i>Brain Stimulation</i> , 2020, 13, 536-538.	0.7	22
25	The effect of frontoparietal paired associative stimulation on decision-making and working memory. <i>Cortex</i> , 2019, 117, 266-276.	1.1	19
26	Modulation of iTBS after-effects via concurrent directional TDCS: A proof of principle study. <i>Brain Stimulation</i> , 2017, 10, 744-747.	0.7	18
27	Muscle-tendon unit stiffness does not independently affect voluntary explosive force production or muscle intrinsic contractile properties. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 87-95.	0.9	17
28	Temporal Discrimination is Altered in Patients With Isolated Asymmetric and Jerky Upper Limb Tremor. <i>Movement Disorders</i> , 2020, 35, 306-315.	2.2	17
29	Observing Without Acting: A Balance of Excitation and Suppression in the Human Corticospinal Pathway?. <i>Frontiers in Neuroscience</i> , 2018, 12, 347.	1.4	16
30	Two forms of short-interval intracortical inhibition in human motor cortex. <i>Brain Stimulation</i> , 2021, 14, 1340-1352.	0.7	16
31	Reduced differentiation of emotion-associated bodily sensations in autism. <i>Autism</i> , 2021, 25, 136236132098795.	2.4	15
32	Transcranial magnetic stimulation: a non-invasive window into the excitatory circuits involved in human motor behavior. <i>Experimental Brain Research</i> , 2020, 238, 1637-1644.	0.7	12
33	Corticospinal excitability modulation by pairing peripheral nerve stimulation with cortical states of movement initiation. <i>Journal of Physiology</i> , 2021, 599, 2471-2482.	1.3	11
34	Effects of Coil Orientation on Motor Evoked Potentials From Orbicularis Oris. <i>Frontiers in Neuroscience</i> , 2018, 12, 683.	1.4	8
35	Disentangling the role of posterior parietal cortex in response inhibition. <i>Journal of Neuroscience</i> , 2019, 39, 6814-6816.	1.7	8
36	Corticospinal excitability and motor representation after long-term resistance training. <i>European Journal of Neuroscience</i> , 2021, 53, 3416-3432.	1.2	7

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37	Comparative Study of a Continuous Train of Theta-Burst Stimulation for a Duration of 20 s (cTBS 300) versus a Duration of 40 s (cTBS 600) in a Pre-Stimulation Relaxed Condition in Healthy Volunteers. <i>Brain Sciences</i> , 2021, 11, 737.	1.1	5
38	The Immediate and Short-Term Effects of Transcutaneous Spinal Cord Stimulation and Peripheral Nerve Stimulation on Corticospinal Excitability. <i>Frontiers in Neuroscience</i> , 2021, 15, 749042.	1.4	5
39	Motor cortex oscillates at its intrinsic post-movement beta rhythm following real (but not sham) single pulse, rhythmic and arrhythmic transcranial magnetic stimulation. <i>NeuroImage</i> , 2022, 251, 118975.	2.1	4
40	Changes in the Excitability of Corticobulbar Projections Due to Intraoral Cooling with Ice. <i>Dysphagia</i> , 2019, 34, 708-712.	1.0	3
41	Does action-stopping involve separate pause and cancel processes? A view from premotor cortex. <i>Cortex</i> , 2022, 152, 157-159.	1.1	3
42	Reply to Broxterman, Richardson, and Amann. <i>Journal of Applied Physiology</i> , 2015, 119, 1521-1521.	1.2	1
43	Reliability of transcranial magnetic stimulation measurements of maximum activation of the knee extensors in young adult males. <i>Human Movement Science</i> , 2021, 78, 102828.	0.6	1
44	Neural and Contractile Determinants of Explosive Force Production. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 101.	0.2	0