Winston D Byblow

List of Publications by Year
in descending order

180	11,271	26630	34986
papers	citations	56 h-index	98 g-index

191	191	191	8271
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functional potential in chronic stroke patients depends on corticospinal tract integrity. Brain, 2006, 130, 170-180.	7.6	711
2	Consensus: Motor cortex plasticity protocols. Brain Stimulation, 2008, 1, 164-182.	1.6	529
3	The PREP algorithm predicts potential for upper limb recovery after stroke. Brain, 2012, 135, 2527-2535.	7.6	446
4	Advances and challenges in stroke rehabilitation. Lancet Neurology, The, 2020, 19, 348-360.	10.2	402
5	Kinesthetic, but not visual, motor imagery modulates corticomotor excitability. Experimental Brain Research, 2006, 168, 157-164.	1.5	371
6	Proportional recovery after stroke depends on corticomotor integrity. Annals of Neurology, 2015, 78, 848-859.	5.3	308
7	Intracortical Inhibition During Volitional Inhibition of Prepared Action. Journal of Neurophysiology, 2006, 95, 3371-3383.	1.8	295
8	Stride length regulation in Parkinson's disease: the use of extrinsic, visual cues. Brain, 2000, 123, 2077-2090.	7.6	264
9	PREP2: A biomarkerâ€based algorithm for predicting upper limb function after stroke. Annals of Clinical and Translational Neurology, 2017, 4, 811-820.	3.7	233
10	Priming the motor system enhances the effects of upper limb therapy in chronic stroke. Brain, 2008, 131, 1381-1390.	7.6	219
11	Expressions of asymmetries and anchoring in bimanual coordination. Human Movement Science, 1994, 13, 3-28.	1.4	215
12	Contralesional Hemisphere Control of the Proximal Paretic Upper Limb following Stroke. Cerebral Cortex, 2012, 22, 2662-2671.	2.9	198
13	Combining Theta Burst Stimulation With Training After Subcortical Stroke. Stroke, 2010, 41, 1568-1572.	2.0	159
14	Role of Intracortical Inhibition in Selective Hand Muscle Activation. Journal of Neurophysiology, 2003, 89, 2014-2020.	1.8	155
15	Primary motor cortex and movement prevention: Where Stop meets Go. Neuroscience and Biobehavioral Reviews, 2009, 33, 662-673.	6.1	154
16	Selective Inhibition of Movement. Journal of Neurophysiology, 2007, 97, 2480-2489.	1.8	153
17	Predicting Recovery Potential for Individual Stroke Patients Increases Rehabilitation Efficiency. Stroke, 2017, 48, 1011-1019.	2.0	146
18	Rhythmic Bilateral Movement Training Modulates Corticomotor Excitability and Enhances Upper Limb Motricity Poststroke: A Pilot Study. Journal of Clinical Neurophysiology, 2004, 21, 124-131.	1.7	138

#	Article	IF	Citations
19	Controversy: Noninvasive and invasive cortical stimulation show efficacy in treating stroke patients. Brain Stimulation, 2008, 1, 370-382.	1.6	131
20	Excitability changes in human forearm corticospinal projections and spinal reflex pathways during rhythmic voluntary movement of the opposite limb. Journal of Physiology, 2004, 560, 929-940.	2.9	130
21	Carbohydrate in the mouth immediately facilitates motor output. Brain Research, 2010, 1350, 151-158.	2.2	122
22	Impaired Modulation of Intracortical Inhibition in Focal Hand Dystonia. Cerebral Cortex, 2004, 14, 555-561.	2.9	112
23	Altered sensorimotor integration in Parkinson's disease. Brain, 2002, 125, 2089-2099.	7.6	110
24	Proportional Motor Recovery After Stroke. Stroke, 2017, 48, 795-798.	2.0	109
25	Ipsilateral Motor Pathways after Stroke: Implications for Non-Invasive Brain Stimulation. Frontiers in Human Neuroscience, 2013, 7, 184.	2.0	108
26	Prediction Tools for Stroke Rehabilitation. Stroke, 2019, 50, 3314-3322.	2.0	108
27	Asymmetries in Coupling Dynamics of Perception and Action. Journal of Motor Behavior, 1995, 27, 123-137.	0.9	104
28	Motor imagery of phasic thumb abduction temporally and spatially modulates corticospinal excitability. Clinical Neurophysiology, 2003, 114, 909-914.	1.5	100
29	The modulation of motor cortex excitability during motor imagery depends on imagery quality. European Journal of Neuroscience, 2012, 35, 323-331.	2.6	100
30	Symmetric facilitation between motor cortices during contraction of ipsilateral hand muscles. Experimental Brain Research, 2001, 139, 101-105.	1.5	96
31	Disinhibition in the human motor cortex is enhanced by synchronous upper limb movements. Journal of Physiology, 2002, 543, 307-316.	2.9	96
32	Rehabilitation is Initiated Early After Stroke, but Most Motor Rehabilitation Trials Are Not. Stroke, 2013, 44, 2039-2045.	2.0	95
33	Neuromuscular-skeletal constraints upon the dynamics of unimanual and bimanual coordination. Experimental Brain Research, 2000, 131, 196-214.	1.5	93
34	Stop and Go: The Neural Basis of Selective Movement Prevention. Journal of Cognitive Neuroscience, 2009, 21, 1193-1203.	2.3	93
35	Phasic modulation of corticomotor excitability during passive movement of the upper limb: effects of movement frequency and muscle specificity. Brain Research, 2001, 900, 282-294.	2.2	91
36	Primary Motor Cortex Excitability During Recovery After Stroke: Implications for Neuromodulation. Brain Stimulation, 2015, 8, 1183-1190.	1.6	90

#	Article	IF	Citations
37	Transcranial Direct Current Stimulation Enhances Recovery of Stereopsis in Adults With Amblyopia. Neurotherapeutics, 2013, 10, 831-839.	4.4	86
38	Anodal Transcranial Direct Current Stimulation Transiently Improves Contrast Sensitivity and Normalizes Visual Cortex Activation in Individuals With Amblyopia. Neurorehabilitation and Neural Repair, 2013, 27, 760-769.	2.9	86
39	Proportional Recovery From Lower Limb Motor Impairment After Stroke. Stroke, 2017, 48, 1400-1403.	2.0	85
40	Creatine Supplementation Enhances Corticomotor Excitability and Cognitive Performance during Oxygen Deprivation. Journal of Neuroscience, 2015, 35, 1773-1780.	3.6	84
41	Contralesional Motor Cortex Activation Depends on Ipsilesional Corticospinal Tract Integrity in Well-Recovered Subcortical Stroke Patients. Neurorehabilitation and Neural Repair, 2012, 26, 594-603.	2.9	83
42	The Preparation of Aiming Movements. Brain and Cognition, 1995, 28, 133-154.	1.8	82
43	Functional Connectivity Between Secondary and Primary Motor Areas Underlying Handâ€“Foot Coordination. Journal of Neurophysiology, 2007, 98, 414-422.	1.8	82
44	Modulation of corticospinal excitability and intracortical inhibition during motor imagery is task-dependent. Experimental Brain Research, 2004, 157, 351-8.	1.5	81
45	Carbohydrate in the mouth enhances activation of brain circuitry involved in motor performance and sensory perception. Appetite, 2014, 80, 212-219.	3.7	79
46	Normalizing Motor Cortex Representations in Focal Hand Dystonia. Cerebral Cortex, 2009, 19, 1968-1977.	2.9	74
47	Bilateral Priming Accelerates Recovery of Upper Limb Function After Stroke. Stroke, 2014, 45, 205-210.	2.0	74
48	Predicting and accelerating motor recovery after stroke. Current Opinion in Neurology, 2014, 27, 624-630.	3.6	72
49	Lateralization of unimanual and bimanual motor imagery. Brain Research, 2006, 1095, 139-147.	2.2	71
50	A Neuroanatomical Framework for Upper Limb Synergies after Stroke. Frontiers in Human Neuroscience, 2015, 9, 82.	2.0	70
51	Elevated threshold for intracortical inhibition in focal hand dystonia. Movement Disorders, 2004, 19, 1312-1317.	3.9	68
52	Neurophysiological and behavioural adaptations to a bilateral training intervention in individuals following stroke. Clinical Rehabilitation, 2004, 18, 48-59.	2.2	67
53	Mirror Symmetric Bimanual Movement Priming Can Increase Corticomotor Excitability and Enhance Motor Learning. PLoS ONE, 2012, 7, e33882.	2.5	63
54	GABA and primary motor cortex inhibition in young and older adults: a multimodal reliability study. Journal of Neurophysiology, 2017, 118, 425-433.	1.8	62

#	Article	IF	Citations
55	Lateralization of motor imagery following stroke. Clinical Neurophysiology, 2007, 118, 1794-1801.	1.5	59
56	Primed Physical Therapy Enhances Recovery of Upper Limb Function in Chronic Stroke Patients. Neurorehabilitation and Neural Repair, 2016, 30, 339-348.	2.9	59
57	Bimanual Coordination Dynamics in Poststroke Hemiparetics. Journal of Motor Behavior, 2004, 36, 174-188.	0.9	57
58	Proposed cortical and sub-cortical contributions to the long-latency stretch reflex in the forearm. Experimental Brain Research, 2004, 156, 72-79.	1.5	56
59	Primary motor cortex disinhibition during motor skill learning. Journal of Neurophysiology, 2014, 112, 156-164.	1.8	55
60	Acute aerobic exercise modulates primary motor cortex inhibition. Experimental Brain Research, 2016, 234, 3669-3676.	1.5	55
61	The fall and rise of corticomotor excitability with cancellation and reinitiation of prepared action. Journal of Neurophysiology, 2014, 112, 2707-2717.	1.8	54
62	The <scp>ENIGMA</scp> Stroke Recovery Working Group: Big data neuroimaging to study brainâ€“behavior relationships after stroke. Human Brain Mapping, 2022, 43, 129-148.	3.6	54
63	Spontaneous and Intentional Pattern Switching in a Multisegmental Bimanual Coordination Task. Motor Control, 1999, 3, 372-393.	0.6	53
64	The Corticospinal Tract: A Biomarker to Categorize Upper Limb Functional Potential in Unilateral Cerebral Palsy. Frontiers in Pediatrics, 2015, 3, 112.	1.9	53
65	An update on predicting motor recovery after stroke. Annals of Physical and Rehabilitation Medicine, 2014, 57, 489-498.	2.3	51
66	Performance asymmetries in multifrequency coordination. Human Movement Science, 1994, 13, 147-174.	1.4	50
67	Revisiting interhemispheric imbalance in chronic stroke: A tDCS study. Clinical Neurophysiology, 2018, 129, 42-50.	1.5	50
68	Attention as a mediating variable in the dynamics of bimanual coordination. Human Movement Science, 1996, 15, 877-897.	1.4	48
69	Anodal Transcranial Direct Current Stimulation Reduces Psychophysically Measured Surround Suppression in the Human Visual Cortex. PLoS ONE, 2012, 7, e36220.	2.5	48
70	The Contribution of Cervical Propriospinal Premotoneurons in Recovering Hemiparetic Stroke Patients. Journal of Clinical Neurophysiology, 2004, 21, 426-434.	1.7	47
71	Upper Limb Function and Cortical Organization in Youth with Unilateral Cerebral Palsy. Frontiers in Neurology, 2014, 5, 117.	2.4	46
72	Promoting use-dependent plasticity with externally-paced training. Clinical Neurophysiology, 2011, 122, 2462-2468.	1.5	43

#	Article	IF	Citations
73	Modulations in corticomotor excitability during passive upper-limb movement: Is there a cortical influence?. Brain Research, 2002, 943, 263-275.	2.2	42
74	The subdominant hand increases the efficacy of voluntary alterations in bimanual coordination. Experimental Brain Research, 2000, 131, 366-374.	1.5	41
75	Task-Dependent Modulation of Inputs to Proximal Upper Limb Following Transcranial Direct Current Stimulation of Primary Motor Cortex. Journal of Neurophysiology, 2010, 103, 2382-2389.	1.8	41
76	Changes in posture alter the attentional demands of voluntary movement. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 853-857.	2.6	40
77	The Yips in Golf. Medicine and Science in Sports and Exercise, 2006, 38, 1980-1989.	0.4	40
78	Task-Dependent Interaction between Parietal and Contralateral Primary Motor Cortex during Explicit versus Implicit Motor Imagery. PLoS ONE, 2012, 7, e37850.	2.5	39
79	Impaired modulation of corticospinal excitability following subthreshold rTMS in focal hand dystonia. Human Movement Science, 2004, 23, 527-538.	1.4	38
80	Threshold tracking primary motor cortex inhibition: the influence of current direction. European Journal of Neuroscience, 2016, 44, 2614-2621.	2.6	38
81	The contribution of inherent and incidental constraints to intentional switching between patterns of bimanual coordination. Human Movement Science, 1996, 15, 565-589.	1.4	37
82	Cathodal transcranial direct current stimulation of the primary motor cortex improves selective muscle activation in the ipsilateral arm. Journal of Neurophysiology, 2011, 105, 2937-2942.	1.8	37
83	Cathodal transcranial direct current stimulation suppresses ipsilateral projections to presumed propriospinal neurons of the proximal upper limb. Journal of Neurophysiology, 2011, 105, 2582-2589.	1.8	37
84	Bimanual coordination in Parkinson's disease: Deficits in movement frequency, amplitude, and pattern switching. Movement Disorders, 2002, 17, 20-29.	3.9	36
85	The effects of repetitive proprioceptive stimulation on corticomotor representation in intact and hemiplegic individuals. Clinical Neurophysiology, 2004, 115, 765-773.	1.5	35
86	Bilateral parietal cortex function during motor imagery. Experimental Brain Research, 2010, 201, 499-508.	1.5	35
87	Response inhibition activates distinct motor cortical inhibitory processes. Journal of Neurophysiology, 2018, 119, 877-886.	1.8	35
88	PREP2 Algorithm Predictions Are Correct at 2 Years Poststroke for Most Patients. Neurorehabilitation and Neural Repair, 2019, 33, 635-642.	2.9	35
89	Performance asymmetries and coupling dynamics in the acquisition of multifrequency bimanual coordination. Psychological Research, 1998, 61, 56-70.	1.7	33
90	An interhemispheric asymmetry in motor cortex disinhibition during bimanual movement. Brain Research, 2004, 1022, 81-87.	2.2	33

#	Article	IF	Citations
91	â€˜I-waveâ€™ Recruitment Determines Response to tDCS in the Upper Limb, but Only So Far. Brain Stimulation, 2015, 8, 1124-1129.	1.6	33
92	Proactive modulation of long-interval intracortical inhibition during response inhibition. Journal of Neurophysiology, 2016, 116, 859-867.	1.8	33
93	Fatigue Influences the Recruitment, but Not Structure, of Muscle Synergies. Frontiers in Human Neuroscience, 2018, 12, 217.	2.0	33
94	The Dynamical Substructure of Bimanual Coordination. , 1994, , 319-337.		32
95	Stabilisation of bimanual coordination through visual coupling. Human Movement Science, 1999, 18, 281-305.	1.4	31
96	The utilization of visual information in the control of rapid sequential aiming movements. Acta Psychologica, 1999, 103, 103-123.	1.5	31
97	Repetitive stimulation of premotor cortex affects primary motor cortex excitability and movement preparation. Brain Stimulation, 2009, 2, 152-162.	1.6	31
98	Priming sensorimotor cortex to enhance task-specific training after subcortical stroke. Clinical Neurophysiology, 2014, 125, 1451-1458.	1.5	31
99	Implementing biomarkers to predict motor recovery after stroke. NeuroRehabilitation, 2018, 43, 41-50.	1.3	30
100	The acquisition of bimanual coordination is mediated by anisotropic coupling between the hands. Human Movement Science, 2002, 21, 699-721.	1.4	29
101	Theta Burst Stimulation of Human Primary Motor Cortex Degrades Selective Muscle Activation in the Ipsilateral Arm. Journal of Neurophysiology, 2010, 104, 2594-2602.	1.8	29
102	Uncoupling response inhibition. Journal of Neurophysiology, 2012, 108, 1492-1500.	1.8	29
103	Dopamine Gene Profiling to Predict Impulse Control and Effects of Dopamine Agonist Ropinirole. Journal of Cognitive Neuroscience, 2016, 28, 909-919.	2.3	29
104	Bimanual Circle Drawing during Secondary Task Loading. Motor Control, 1998, 2, 106-113.	0.6	28
105	An Activation Threshold Model for Response Inhibition. PLoS ONE, 2017, 12, e0169320.	2.5	27
106	Neurophysiological mechanisms underlying motor skill learning in young and older adults. Experimental Brain Research, 2019, 237, 2331-2344.	1.5	27
107	Amplitude of muscle stretch modulates corticomotor gain during passive movement. Brain Research, 2005, 1031, 109-117.	2.2	26
108	Task-dependent modulation of silent period duration in focal hand dystonia. Movement Disorders, 2005, 20, 1143-1151.	3.9	26

#	Article	IF	Citations
109	Task-Dependent Modulation of Propriospinal Inputs to Human Shoulder. Journal of Neurophysiology, 2008, 100, 2109-2114.	1.8	26
110	Ipsilateral corticospinal projections do not predict congenital mirror movements: A case report. Neuropsychologia, 2007, 45, 844-852.	1.6	25
111	Modulation of human cervical premotoneurons during bilateral voluntary contraction of upper-limb muscles. Muscle and Nerve, 2004, 29, 506-514.	2.2	24
112	Kinesthetic but not visual imagery assists in normalizing the CNV in Parkinsonâ€™s disease. Clinical Neurophysiology, 2006, 117, 2308-2314.	1.5	22
113	Modulation of short-latency intracortical inhibition in human primary motor cortex during synchronised versus syncopated finger movements. Experimental Brain Research, 2006, 168, 287-293.	1.5	22
114	Conventional or threshold-hunting TMS? A tale of two SICIs. Brain Stimulation, 2018, 11, 1296-1305.	1.6	22
115	Human corticospinal excitability during a precued reaction time paradigm. Experimental Brain Research, 2004, 156, 80-87.	1.5	21
116	Impaired inhibition of a pre-planned response in focal hand dystonia. Experimental Brain Research, 2004, 158, 207-12.	1.5	21
117	Corticomotor excitability during a choice-hand reaction time task. Experimental Brain Research, 2006, 172, 230-245.	1.5	21
118	Phase transitions and postural deviations during bimanual kinesthetic tracking. Experimental Brain Research, 2001, 137, 467-477.	1.5	20
119	Conceptual Binding: Integrated Visual Cues Reduce Processing Costs in Bimanual Movements. Journal of Neurophysiology, 2009, 102, 302-311.	1.8	19
120	Spontaneous and intentional dynamics of bimanual coordination in Parkinson's disease. Human Movement Science, 2000, 19, 223-249.	1.4	18
121	Cutaneous anesthesia of the forearm enhances sensorimotor function of the hand. Journal of Neurophysiology, 2013, 109, 1091-1096.	1.8	18
122	Bilateral Priming Before Wii-based Movement Therapy Enhances Upper Limb Rehabilitation and Its Retention After Stroke. Neurorehabilitation and Neural Repair, 2014, 28, 828-838.	2.9	18
123	Order effects and the weighting process in workload assessment. Applied Ergonomics, 1993, 24, 357-361.	3.1	17
124	Altered corticomotor representation in patients with Parkinson's disease. Movement Disorders, 2003, 18, 919-927.	3.9	17
125	Stopping Interference in Response Inhibition: Behavioral and Neural Signatures of Selective Stopping. Journal of Neuroscience, 2022, 42, 156-165.	3.6	17
126	The Influence of Primary Motor Cortex Inhibition on Upper Limb Impairment and Function in Chronic Stroke: A Multimodal Study. Neurorehabilitation and Neural Repair, 2019, 33, 130-140.	2.9	16

#	Article	IF	Citations
127	Neurochemical balance and inhibition at the subacute stage after stroke. Journal of Neurophysiology, 2020, 123, 1775-1790.	1.8	16
128	The Effect of Perceived Locomotor Constraints on Distance Estimation. Journal of Motor Behavior, 1990, 22, 347-360.	0.9	15
129	Effector-Specific Visual Information Influences Kinesthesis and Reaction Time Performance in Parkinson's Disease. Journal of Motor Behavior, 2003, 35, 99-107.	0.9	15
130	The effect of coordination mode on use-dependent plasticity. Clinical Neurophysiology, 2007, 118, 1759-1766.	1.5	15
131	Unravelling the Modulation of Intracortical Inhibition During Motor Imagery: An Adaptive Threshold-Hunting Study. Neuroscience, 2020, 434, 102-110.	2.3	15
132	The role of interhemispheric communication during complete and partial cancellation of bimanual responses. Journal of Neurophysiology, 2021, 125, 875-886.	1.8	15
133	Decreased desychronisation during self-paced movements in frequency bands involving sensorimotor integration and motor functioning in Parkinson's disease. Brain Research Bulletin, 2006, 71, 245-251.	3.0	14
134	Partial weight support differentially affects corticomotor excitability across muscles of the upper limb. Physiological Reports, 2014, 2, e12183.	1.7	14
135	Between-hand coupling during response inhibition. Journal of Neurophysiology, 2019, 122, 1357-1366.	1.8	14
136	Inhibition of the primary sensorimotor cortex by topical anesthesia of the forearm in patients with complex regional pain syndrome. Pain, 2015, 156, 2556-2561.	4.2	13
137	Effects of arm weight support on neuromuscular activation during reaching in chronic stroke patients. Experimental Brain Research, 2019, 237, 3391-3408.	1.5	13
138	Transcranial Direct Current Stimulation Improves Ipsilateral Selective Muscle Activation in a Frequency Dependent Manner. PLoS ONE, 2015, 10, e0122434.	2.5	13
139	A dissociation between propriospinal facilitation and inhibition after bilateral transcranial direct current stimulation. Journal of Neurophysiology, 2014, 111, 2187-2195.	1.8	12
140	Does Response Inhibition Have Pre- and Postdiagnostic Utility in Parkinson's Disease?. Journal of Motor Behavior, 2015, 47, 29-45.	0.9	12
141	The Timing of Intralimb Coordination. Journal of Motor Behavior, 1999, 31, 113-118.	0.9	11
142	A neurophysiological basis for the coordination between hand and foot movement. Journal of Neurophysiology, 2013, 110, 1039-1046.	1.8	11
143	A template-based procedure for determining white matter integrity in the internal capsule early after stroke. NeuroImage: Clinical, 2014, 4, 695-700.	2.7	11
144	MRI Guided Brain Stimulation without the Use of a Neuronavigation System. BioMed Research International, 2015, 2015, 1-8.	1.9	11

#	Article	IF	Citations
145	Fluoxetine Does Not Enhance Visual Perceptual Learning and Triazolam Specifically Impairs Learning Transfer. Frontiers in Human Neuroscience, 2016, 10, 532.	2.0	11
146	Partial weight support of the arm affects corticomotor selectivity of biceps brachii. Journal of NeuroEngineering and Rehabilitation, 2015, 12, 94.	4.6	10
147	Neurophysiology of motor skill learning in chronic stroke. Clinical Neurophysiology, 2020, 131, 791-798.	1.5	10
148	Primary motor cortex function and motor skill acquisition: insights from threshold-hunting TMS. Experimental Brain Research, 2020, 238, 1745-1757.	1.5	10
149	Adaptive threshold hunting reveals differences in interhemispheric inhibition between young and older adults. European Journal of Neuroscience, 2018, 48, 2247-2258.	2.6	9
150	Perceptionâ€"Action Coupling during Bimanual Coordination: The Role of Visual Perception in the Coalition of Constraints That Govern Bimanual Action. Journal of Motor Behavior, 2004, 36, 394-398.	0.9	8
151	Can motor imagery and hypnotic susceptibility explain Conversion Disorder with motor symptoms?. Neuropsychologia, 2016, 89, 287-298.	1.6	8
152	Decoupling countermands nonselective response inhibition during selective stopping. Journal of Neurophysiology, 2022, 127, 188-203.	1.8	8
153	Effects of linguistic redundancy and coded voice warnings on system response time. Applied Ergonomics, 1989, 20, 105-108.	3.1	7
154	Effects of redundancy in the comparison of speech and pictorial displays in the cockpit environment. Applied Ergonomics, 1990, 21, 121-128.	3.1	7
155	A method to monitor corticomotor excitability during passive rhythmic movement of the upper limb. Brain Research Protocols, 2001, 8, 82-87.	1.6	7
156	Are ipsilateral motor evoked potentials subject to intracortical inhibition?. Journal of Neurophysiology, 2016, 115, 1735-1739.	1.8	7
157	Modulation of interhemispheric inhibition during passive movement of the upper limb reflects changes in motor cortical excitability. Experimental Brain Research, 2004, 156, 11-19.	1.5	6
158	Neurophysiological and behavioural effects of dual-hemisphere transcranial direct current stimulation on the proximal upper limb. Experimental Brain Research, 2016, 234, 1419-1428.	1.5	6
159	Adaptive threshold hunting for the effects of transcranial direct current stimulation on primary motor cortex inhibition. Experimental Brain Research, 2018, 236, 1651-1663.	1.5	5
160	The modulation of short and long-latency interhemispheric inhibition during bimanually coordinated movements. Experimental Brain Research, 2021, 239, 1507-1516.	1.5	5
161	OSARI, an Open-Source Anticipated Response Inhibition Task. Behavior Research Methods, 2022, 54, 1530-1540.	4.0	5
162	What's the perfect dose for practice to make perfect?. Annals of Neurology, 2016, 80, 339-341.	5.3	4

#	Article	IF	Citations
163	It Is Difficult to Make Predictions, Especially About the Future. Stroke, 2017, 48, 3187-3188.	2.0	4
164	Posture interacts with arm weight support to modulate corticomotor excitability to the upper limb. Experimental Brain Research, 2017, 235, 97-107.	1.5	4
165	Somatosensory and transcranial direct current stimulation effects on manual dexterity and motor cortex function: A metaplasticity study. Brain Stimulation, 2019, 12, 938-947.	1.6	4
166	Fast Outcome Categorization of the Upper Limb After Stroke. Stroke, 2022, 53, 578-585.	2.0	3
167	Dopamine genetic risk score predicts impulse control behaviors in Parkinsonâ€™s disease. Clinical Parkinsonism & Related Disorders, 2021, 5, 100113.	0.9	3
168	Letter by Stinear and Byblow Regarding Article, â€œPatient-Reported Measures Provide Unique Insights Into Motor Function After Strokeâ€• Stroke, 2013, 44, e79.	2.0	2
169	Proportional upper limb recovery after stroke is predicated upon corticospinal tract integrity. Brain Stimulation, 2015, 8, 429-430.	1.6	2
170	The Role of TMS for Predicting Motor Recovery and Outcomes After Stroke. Translational Medicine Research, 2017, , 537-553.	0.0	2
171	The Modulation of Excitability in Corticospinal Pathways during Rhythmic Movement. , 2004, , 155-185.		2
172	Primed physiotherapy enhances recovery of upper limb function in chronic stroke patients. Brain Stimulation, 2015, 8, 362.	1.6	1
173	Propriospinal cutaneous-induced EMG suppression is unaltered by anodal tDCS of healthy motor cortex. Clinical Neurophysiology, 2017, 128, 1608-1616.	1.5	1
174	Letter by Byblow and Stinear Regarding Article â€œTaking Proportional Out of Stroke Recoveryâ€• Stroke, 2019, 50, e125.	2.0	1
175	Investigating the structure-function relationship of the corticomotor system early after stroke using machine learning. NeuroImage: Clinical, 2022, 33, 102935.	2.7	1
176	115. Active-Passive bilateral therapy enhances the effects of upper limb therapy in chronic stroke. Journal of Clinical Neuroscience, 2009, 16, 465-466.	1.5	0
177	Effects of anodal tDCS on corticomotor excitability during acute hypoxia. Brain Stimulation, 2015, 8, 363.	1.6	0
178	â€œI-waveâ€•recruitment predicts response to tDCS in the upper limb, but only so far. Brain Stimulation, 2015, 8, 357.	1.6	0
179	Is the contralesional hemisphere a suitable target for noninvasive brain stimulation after stroke?. Brain Stimulation, 2015, 8, 335-336.	1.6	0
180	Special issue in honor of John C. Rothwell. Experimental Brain Research, 2020, 238, 1591-1592.	1.5	0