

John C Rothwell

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

745
papers

61,114
citations

127
h-index

218
g-index

791
ext. papers

69,860
ext. citations

5.3
avg, IF

7.78
L-index

#	Paper	IF	Citations
745	Consensus for experimental design in electromyography (CEDE) project: High-density surface electromyography matrix.. <i>Journal of Electromyography and Kinesiology</i> , 2022 , 64, 102656	2.5	4
744	029 Postural instability in DYT-TOR1A dystonia dynamically dependent on sensory feedback. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022 , 93, A110.1-A110	5.5	
743	Consensus Paper: Novel Directions and Next Steps of Non-invasive Brain Stimulation of the Cerebellum in Health and Disease. <i>Cerebellum</i> , 2021 , 1	4.3	3
742	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	5.1	0
741	Central nervous system physiology. <i>Clinical Neurophysiology</i> , 2021 , 132, 3043-3083	4.3	1
740	The Signature of Primary Writing Tremor Is Dystonic. <i>Movement Disorders</i> , 2021 , 36, 1715-1720	7	10
739	The Phenomenon of Exquisite Motor Control in Tic Disorders and its Pathophysiological Implications. <i>Movement Disorders</i> , 2021 , 36, 1308-1315	7	3
738	Frequency-dependent modulation of cerebellar excitability during the application of non-invasive alternating current stimulation. <i>Brain Stimulation</i> , 2021 , 14, 277-283	5.1	6
737	A Causal Role for the Right Dorsolateral Prefrontal Cortex in Avoidance of Risky Choices and Making Advantageous Selections. <i>Neuroscience</i> , 2021 , 458, 166-179	3.9	2
736	Stimulating the deprived motor 'hand' area causes facial muscle responses in one-handers. <i>Brain Stimulation</i> , 2021 , 14, 347-350	5.1	2
735	Neural Correlates of Motor Skill Learning Are Dependent on Both Age and Task Difficulty. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 643132	5.3	3
734	Preconditioning Stimulus Intensity Alters Paired-Pulse TMS Evoked Potentials. <i>Brain Sciences</i> , 2021 , 11,	3.4	5
733	Only the Fastest Corticospinal Fibers Contribute to Corticomuscular Coherence. <i>Journal of Neuroscience</i> , 2021 , 41, 4867-4879	6.6	4
732	Effects of rTMS on the brain: is there value in variability?. <i>Cortex</i> , 2021 , 139, 43-59	3.8	5
731	The Strength of the Corticospinal Tract Not the Reticulospinal Tract Determines Upper-Limb Impairment Level and Capacity for Skill-Acquisition in the Sub-Acute Post-Stroke Period. <i>Neurorehabilitation and Neural Repair</i> , 2021 , 35, 812-822	4.7	1
730	The Effects of Midline Cerebellar rTMS on Human Pharyngeal Cortical Activity in the Intact Swallowing Motor System. <i>Cerebellum</i> , 2021 , 20, 101-115	4.3	11
729	Training in the practice of noninvasive brain stimulation: Recommendations from an IFCN committee. <i>Clinical Neurophysiology</i> , 2021 , 132, 819-837	4.3	10

728	Reversal of Temporal Discrimination in Cervical Dystonia after Low-Frequency Sensory Stimulation. <i>Movement Disorders</i> , 2021 , 36, 761-766	7	6
727	Defective Somatosensory Inhibition and Plasticity Are Not Required to Develop Dystonia. <i>Movement Disorders</i> , 2021 , 36, 1015-1021	7	9
726	Variability of Movement Disorders: The Influence of Sensation, Action, Cognition, and Emotions. <i>Movement Disorders</i> , 2021 , 36, 581-593	7	3
725	Safety and recommendations for TMS use in healthy subjects and patient populations, with updates on training, ethical and regulatory issues: Expert Guidelines. <i>Clinical Neurophysiology</i> , 2021 , 132, 269-306	4.3	130
724	Disentangling EEG responses to TMS due to cortical and peripheral activations. <i>Brain Stimulation</i> , 2021 , 14, 4-18	5.1	42
723	Corticospinal excitability modulation by pairing peripheral nerve stimulation with cortical states of movement initiation. <i>Journal of Physiology</i> , 2021 , 599, 2471-2482	3.9	6
722	Transcranial Evoked Potentials Can Be Reliably Recorded with Active Electrodes. <i>Brain Sciences</i> , 2021 , 11,	3.4	7
721	Tremor and Dysmetria in Multiple Sclerosis: A Neurophysiological Study. <i>Tremor and Other Hyperkinetic Movements</i> , 2021 , 11, 30	2	0
720	Non-invasive suppression of essential tremor via phase-locked disruption of its temporal coherence. <i>Nature Communications</i> , 2021 , 12, 363	17.4	18
719	Physiological Differences in Hand and Face Areas of the Primary Motor Cortex in Skilled Wind and String Musicians. <i>Neuroscience</i> , 2021 , 455, 141-150	3.9	0
718	Comparison between surface electrodes and ultrasound monitoring to measure TMS evoked muscle contraction. <i>Muscle and Nerve</i> , 2021 , 63, 724-729	3.4	1
717	Evidence for a Window of Enhanced Plasticity in the Human Motor Cortex Following Ischemic Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2021 , 35, 307-320	4.7	4
716	Examining motor evoked potential amplitude and short-interval intracortical inhibition on the up-going and down-going phases of a transcranial alternating current stimulation (tacs) imposed alpha oscillation. <i>European Journal of Neuroscience</i> , 2021 , 53, 2755-2762	3.5	1
715	Neurophysiology of epidurally evoked spinal cord reflexes in clinically motor-complete posttraumatic spinal cord injury. <i>Experimental Brain Research</i> , 2021 , 239, 2605-2620	2.3	0
714	Consensus for experimental design in electromyography (CEDE) project: Terminology matrix. <i>Journal of Electromyography and Kinesiology</i> , 2021 , 59, 102565	2.5	8
713	Reply to: "A Primary Writing Tremor Is a Form of Dystonic Tremor: Is the Debate Settled?". <i>Movement Disorders</i> , 2021 , 36, 1996-1997	7	
712	Two forms of short-interval intracortical inhibition in human motor cortex. <i>Brain Stimulation</i> , 2021 , 14, 1340-1352	5.1	2
711	On the Use of TMS to Investigate the Pathophysiology of Neurodegenerative Diseases. <i>Frontiers in Neurology</i> , 2020 , 11, 584664	4.1	9

710	Unravelling the enigma of cortical tremor and other forms of cortical myoclonus. <i>Brain</i> , 2020 , 143, 2653-2663	26.63	18
709	Consensus for experimental design in electromyography (CEDE) project: Amplitude normalization matrix. <i>Journal of Electromyography and Kinesiology</i> , 2020 , 53, 102438	2.5	64
708	Happy faces selectively increase the excitability of cortical neurons innervating frowning muscles of the mouth. <i>Experimental Brain Research</i> , 2020 , 238, 1043-1049	2.3	1
707	Differential effects of motor skill acquisition on the primary motor and sensory cortices in healthy humans. <i>Journal of Physiology</i> , 2020 , 598, 4031-4045	3.9	11
706	Voluntary Inhibitory Control of Chorea: A Case Series. <i>Movement Disorders Clinical Practice</i> , 2020 , 7, 308-312	3.12	4
705	Impaired automatic but intact volitional inhibition in primary tic disorders. <i>Brain</i> , 2020 , 143, 906-919	11.2	20
704	An Exploration of the Application of Noninvasive Cerebellar Stimulation in the Neuro-rehabilitation of Dysphagia after Stroke (EXCITES) Protocol. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020 , 29, 104586	2.8	5
703	The effects of unilateral and bilateral cerebellar rTMS on human pharyngeal motor cortical activity and swallowing behavior. <i>Experimental Brain Research</i> , 2020 , 238, 1719-1733	2.3	16
702	Pulse width biases the balance of excitation and inhibition recruited by transcranial magnetic stimulation. <i>Brain Stimulation</i> , 2020 , 13, 536-538	5.1	10
701	Cerebellar-Motor Cortex Connectivity: One or Two Different Networks?. <i>Journal of Neuroscience</i> , 2020 , 40, 4230-4239	6.6	20
700	New insights into cortico-basal-cerebellar connectome: clinical and physiological considerations. <i>Brain</i> , 2020 , 143, 396-406	11.2	33
699	Temporal discrimination is altered in patients with isolated asymmetric and jerky upper limb tremor. <i>Movement Disorders</i> , 2020 , 35, 306-315	7	12
698	SICI during changing brain states: Differences in methodology can lead to different conclusions. <i>Brain Stimulation</i> , 2020 , 13, 353-356	5.1	8
697	Possible role of backpropagating action potentials in corticospinal neurons in I-wave periodicity following a TMS pulse. <i>Neuroscience Research</i> , 2020 , 156, 234-236	2.9	5
696	Plasticity induced by pairing brain stimulation with motor-related states only targets a subset of cortical neurones. <i>Brain Stimulation</i> , 2020 , 13, 464-466	5.1	5
695	Noninvasive Brain Stimulation and Noninvasive Peripheral Stimulation for Neglect Syndrome Following Acquired Brain Injury. <i>Neuromodulation</i> , 2020 , 23, 312-323	3.1	1
694	Exploratory Randomized Double-Blind Placebo-Controlled Trial of Botulinum Therapy on Grasp Release After Stroke (PrOMBIS). <i>Neurorehabilitation and Neural Repair</i> , 2020 , 34, 51-60	4.7	1
693	Role of cutaneous and proprioceptive inputs in sensorimotor integration and plasticity occurring in the facial primary motor cortex. <i>Journal of Physiology</i> , 2020 , 598, 839-851	3.9	10

692	Influence of theta-burst transcranial magnetic stimulation over the dorsolateral prefrontal cortex on emotion processing in healthy volunteers. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2020 , 20, 1278-1293	3.5	5
691	Reply: Pentameric repeat expansions: cortical myoclonus or cortical tremor? and Cortical tremor: a tantalizing conundrum between cortex and cerebellum. <i>Brain</i> , 2020 , 143, e88	11.2	1
690	Ropinirole, a dopamine agonist with high D affinity, reduces proactive inhibition: A double-blind, placebo-controlled study in healthy adults. <i>Neuropharmacology</i> , 2020 , 179, 108278	5.5	1
689	Effects of Multiple Sessions of Cathodal Priming and Anodal HD-tDCS on Visuo Motor Task Plateau Learning and Retention. <i>Brain Sciences</i> , 2020 , 10,	3.4	2
688	Transcranial magnetic stimulation as a tool to understand genetic conditions associated with epilepsy. <i>Epilepsia</i> , 2020 , 61, 1818-1839	6.4	2
687	Failure to Engage Neural Plasticity through Practice of a High-difficulty Task is Accompanied by Reduced Motor Skill Retention in Older Adults. <i>Neuroscience</i> , 2020 , 451, 22-35	3.9	5
686	The CloudUPDRS smartphone software in Parkinson's study: cross-validation against blinded human raters. <i>Npj Parkinson's Disease</i> , 2020 , 6, 36	9.7	5
685	Cerebellar transcranial magnetic stimulation: The role of coil type from distinct manufacturers. <i>Brain Stimulation</i> , 2020 , 13, 153-156	5.1	14
684	Modulation of I-wave generating pathways by theta-burst stimulation: a model of plasticity induction. <i>Journal of Physiology</i> , 2019 , 597, 5963-5971	3.9	12
683	Multimodal characterization of the visual network in Huntington's disease gene carriers. <i>Clinical Neurophysiology</i> , 2019 , 130, 2053-2059	4.3	
682	Direction of TDCS current flow in human sensorimotor cortex influences behavioural learning. <i>Brain Stimulation</i> , 2019 , 12, 684-692	5.1	22
681	The interindividual variability of transcranial magnetic stimulation effects: Implications for diagnostic use in movement disorders. <i>Movement Disorders</i> , 2019 , 34, 936-949	7	29
680	Vestibulo masseteric reflex and acoustic masseteric Reflex. Normative data and effects of age and gender. <i>Clinical Neurophysiology</i> , 2019 , 130, 1511-1519	4.3	7
679	Combining reward and M1 transcranial direct current stimulation enhances the retention of newly learnt sensorimotor mappings. <i>Brain Stimulation</i> , 2019 , 12, 1205-1212	5.1	15
678	TMS excitability study in essential tremor: Absence of gabaergic changes assessed by silent period recordings. <i>Neurophysiologie Clinique</i> , 2019 , 49, 309-315	2.7	4
677	The effect of salient stimuli on neural oscillations, isometric force, and their coupling. <i>NeuroImage</i> , 2019 , 198, 221-230	7.9	18
676	The Effect of High-Frequency Repetitive Transcranial Magnetic Stimulation on Advancing Parkinson's Disease With Dysphagia: Double Blind Randomized Clinical Trial. <i>Neurorehabilitation and Neural Repair</i> , 2019 , 33, 442-452	4.7	17
675	The use of transcranial magnetic stimulation as a treatment for movement disorders: A critical review. <i>Movement Disorders</i> , 2019 , 34, 769-782	7	25

674	The unsolved role of heightened connectivity from the unaffected hemisphere to paretic arm muscles in chronic stroke. <i>Clinical Neurophysiology</i> , 2019 , 130, 781-788	4.3	4
673	Cerebellar repetitive transcranial magnetic stimulation restores pharyngeal brain activity and swallowing behaviour after disruption by a cortical virtual lesion. <i>Journal of Physiology</i> , 2019 , 597, 2533-2546	3.9	24
672	The Effect of 20 Hz versus 1 Hz Repetitive Transcranial Magnetic Stimulation on Motor Dysfunction in Parkinson's Disease: Which Is More Beneficial?. <i>Journal of Parkinson's Disease</i> , 2019 , 9, 379-387	5.3	8
671	The effect of frontoparietal paired associative stimulation on decision-making and working memory. <i>Cortex</i> , 2019 , 117, 266-276	3.8	13
670	Remission in dystonia - Systematic review of the literature and meta-analysis. <i>Parkinsonism and Related Disorders</i> , 2019 , 66, 9-15	3.6	13
669	Exploring the connectivity between the cerebellum and facial motor cortex. <i>Brain Stimulation</i> , 2019 , 12, 1586-1587	5.1	4
668	Consensus for experimental design in electromyography (CEDE) project: Electrode selection matrix. <i>Journal of Electromyography and Kinesiology</i> , 2019 , 48, 128-144	2.5	43
667	Ten-Year Reflections on the Neurophysiological Abnormalities of Focal Dystonias in Humans. <i>Movement Disorders</i> , 2019 , 34, 1616-1628	7	21
666	A case of congenital hypoplasia of the left cerebellar hemisphere and ipsilateral cortical myoclonus. <i>Movement Disorders</i> , 2019 , 34, 1745-1747	7	6
665	Lack of evidence for interhemispheric inhibition in the lower face primary motor cortex. <i>Clinical Neurophysiology</i> , 2019 , 130, 1917-1925	4.3	4
664	Twenty years on: Myoclonus-dystonia and Barco glycan - neurodevelopment, channel, and signaling dysfunction. <i>Movement Disorders</i> , 2019 , 34, 1588-1601	7	15
663	Sex differences in Parkinson's disease: A transcranial magnetic stimulation study. <i>Movement Disorders</i> , 2019 , 34, 1873-1881	7	7
662	Concurrent anodal transcranial direct-current stimulation and motor task to influence sensorimotor cortex activation. <i>Brain Research</i> , 2019 , 1710, 181-187	3.7	12
661	Changes in recruitment of motor cortex excitation and inhibition in patients with drug-induced tardive syndromes. <i>Neurophysiologie Clinique</i> , 2019 , 49, 33-40	2.7	3
660	Changes in the Excitability of Corticobulbar Projections Due to Intraoral Cooling with Ice. <i>Dysphagia</i> , 2019 , 34, 708-712	3.7	3
659	Brain state and polarity dependent modulation of brain networks by transcranial direct current stimulation. <i>Human Brain Mapping</i> , 2019 , 40, 904-915	5.9	54
658	Repetitive transcranial magnetic stimulation for treatment of tardive syndromes: double randomized clinical trial. <i>Journal of Neural Transmission</i> , 2019 , 126, 183-191	4.3	6
657	Cortical Paired Associative Stimulation Influences Response Inhibition: Cortico-cortical and Cortico-subcortical Networks. <i>Biological Psychiatry</i> , 2019 , 85, 355-363	7.9	24

656	Voluntary inhibitory motor control over involuntary tic movements. <i>Movement Disorders</i> , 2018 , 33, 937-946		38
655	High motor variability in DYT1 dystonia is associated with impaired visuomotor adaptation. <i>Scientific Reports</i> , 2018 , 8, 3653	4.9	12
654	Reappraising the role of motor surround inhibition in dystonia. <i>Journal of the Neurological Sciences</i> , 2018 , 390, 178-183	3.2	6
653	Cerebellar and brainstem functional abnormalities in patients with primary orthostatic tremor. <i>Movement Disorders</i> , 2018 , 33, 1024-1025	7	7
652	The Role of Task Difficulty in Learning a Visuomotor Skill. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 1842-1849	1.2	8
651	Saliency Detection as a Reactive Process: Unexpected Sensory Events Evoke Corticomuscular Coupling. <i>Journal of Neuroscience</i> , 2018 , 38, 2385-2397	6.6	39
650	Long-interval intracortical inhibition as biomarker for epilepsy: a transcranial magnetic stimulation study. <i>Brain</i> , 2018 , 141, 409-421	11.2	13
649	Motor cortex synchronization influences the rhythm of motor performance in premanifest huntington's disease. <i>Movement Disorders</i> , 2018 , 33, 440-448	7	14
648	Selective Suppression of Local Interneuron Circuits in Human Motor Cortex Contributes to Movement Preparation. <i>Journal of Neuroscience</i> , 2018 , 38, 1264-1276	6.6	48
647	TMS of primary motor cortex with a biphasic pulse activates two independent sets of excitable neurones. <i>Brain Stimulation</i> , 2018 , 11, 558-565	5.1	26
646	Effects of pulse width, waveform and current direction in the cortex: A combined cTMS-EEG study. <i>Brain Stimulation</i> , 2018 , 11, 1063-1070	5.1	29
645	Short-interval intracortical inhibition: Comparison between conventional and threshold-tracking techniques. <i>Brain Stimulation</i> , 2018 , 11, 806-817	5.1	34
644	Effect of donepezil on transcranial magnetic stimulation parameters in Alzheimer's disease. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2018 , 4, 103-107	6	11
643	Explicit motor sequence learning with the paretic arm after stroke. <i>Disability and Rehabilitation</i> , 2018 , 40, 323-328	2.4	3
642	Noninvasive Stimulation of the Human Brain: Activation of Multiple Cortical Circuits. <i>Neuroscientist</i> , 2018 , 24, 246-260	7.6	62
641	Focal Hemodynamic Responses in the Stimulated Hemisphere During High-Definition Transcranial Direct Current Stimulation. <i>Neuromodulation</i> , 2018 , 21, 348-354	3.1	26
640	Response to the letter to the editor by Reilmann et al referring to our article titled "Motor cortex synchronization influences the rhythm of motor performance in premanifest Huntington's disease". <i>Movement Disorders</i> , 2018 , 33, 1371	7	
639	Neurophysiological adaptations in the untrained side in conjunction with cross-education of muscle strength: a systematic review and meta-analysis. <i>Journal of Applied Physiology</i> , 2018 , 124, 1502-1518	3.7	28

638	Observing Without Acting: A Balance of Excitation and Suppression in the Human Corticospinal Pathway?. <i>Frontiers in Neuroscience</i> , 2018 , 12, 347	5.1	13
637	Variability and Predictors of Response to Continuous Theta Burst Stimulation: A TMS-EEG Study. <i>Frontiers in Neuroscience</i> , 2018 , 12, 400	5.1	41
636	Cervical dystonia: Normal auditory mismatch negativity and abnormal somatosensory mismatch negativity. <i>Clinical Neurophysiology</i> , 2018 , 129, 1947-1954	4.3	2
635	Similar effect of intermittent theta burst and sham stimulation on corticospinal excitability: A 5-day repeated sessions study. <i>European Journal of Neuroscience</i> , 2018 , 48, 1990-2000	3.5	13
634	Evidence for a subcortical contribution to intracortical facilitation. <i>European Journal of Neuroscience</i> , 2018 , 47, 1311-1319	3.5	20
633	Neurophysiological correlates of bradykinesia in Parkinson's disease. <i>Brain</i> , 2018 , 141, 2432-2444	11.2	51
632	Inter-cortical modulation from premotor to motor plasticity. <i>Journal of Physiology</i> , 2018 , 596, 4207-4217	3.9	7
631	Functional strength training versus movement performance therapy for upper limb motor recovery early after stroke: a RCT. <i>Efficacy and Mechanism Evaluation</i> , 2018 , 5, 1-112	1.7	8
630	Reappraisal of cortical myoclonus: A retrospective study of clinical neurophysiology. <i>Movement Disorders</i> , 2018 , 33, 339-341	7	14
629	Cortical inhibitory function in cervical dystonia. <i>Clinical Neurophysiology</i> , 2018 , 129, 466-472	4.3	14
628	A unifying motor control framework for task-specific dystonia. <i>Nature Reviews Neurology</i> , 2018 , 14, 116-134	13.4	25
627	tDCS changes in motor excitability are specific to orientation of current flow. <i>Brain Stimulation</i> , 2018 , 11, 289-298	5.1	80
626	Assessing TMS-induced D and I waves with spinal H-reflexes. <i>Journal of Neurophysiology</i> , 2018 , 119, 933-943	9.43	13
625	Transcranial brain stimulation: Past and future. <i>Brain and Neuroscience Advances</i> , 2018 , 2, 2398212818818070	11.4	11
624	Plasticity Induced in the Human Spinal Cord by Focal Muscle Vibration. <i>Frontiers in Neurology</i> , 2018 , 9, 935	4.1	7
623	Measurement of motor-evoked potential resting threshold and amplitude of proximal and distal arm muscles in healthy adults. A reliability study. <i>Journal of Rehabilitation and Assistive Technologies Engineering</i> , 2018 , 5, 2055668318765406	1.7	0
622	Cerebellar Theta-Burst Stimulation Impairs Memory Consolidation in Eyeblink Classical Conditioning. <i>Neural Plasticity</i> , 2018 , 2018, 6856475	3.3	10
621	High frequency somatosensory stimulation in dystonia: Evidence for defective inhibitory plasticity. <i>Movement Disorders</i> , 2018 , 33, 1902-1909	7	31

620	Motor cortical excitability during voluntary inhibition of involuntary tic movements. <i>Movement Disorders</i> , 2018 , 33, 1804-1809	7	18
619	Delineating cerebellar mechanisms in DYT11 myoclonus-dystonia. <i>Movement Disorders</i> , 2018 , 33, 1956-1961		5
618	Dystonia. <i>Nature Reviews Disease Primers</i> , 2018 , 4, 25	51.1	117
617	Reply: "Reappraisal of cortical myoclonus: Electrophysiology is the gold standard". <i>Movement Disorders</i> , 2018 , 33, 1191	7	1
616	Parkinsonian signs in patients with cervical dystonia treated with pallidal deep brain stimulation. <i>Brain</i> , 2018 , 141, 3023-3034	11.2	20
615	Effects of tDCS on motor learning and memory formation: A consensus and critical position paper. <i>Clinical Neurophysiology</i> , 2017 , 128, 589-603	4.3	166
614	Chronic Stroke Survivors Improve Reaching Accuracy by Reducing Movement Variability at the Trained Movement Speed. <i>Neurorehabilitation and Neural Repair</i> , 2017 , 31, 499-508	4.7	10
613	Inhibitory dysfunction contributes to some of the motor and non-motor symptoms of movement disorders and psychiatric disorders. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017 , 372,	5.8	38
612	The effect of transcranial direct current stimulation on motor sequence learning and upper limb function after stroke. <i>Clinical Neurophysiology</i> , 2017 , 128, 1389-1398	4.3	23
611	Endophenotyping in idiopathic adult onset cervical dystonia. <i>Clinical Neurophysiology</i> , 2017 , 128, 1142-1147	4.5	9
610	High frequency somatosensory stimulation increases sensori-motor inhibition and leads to perceptual improvement in healthy subjects. <i>Clinical Neurophysiology</i> , 2017 , 128, 1015-1025	4.3	32
609	TMS-evoked long-lasting artefacts: A new adaptive algorithm for EEG signal correction. <i>Clinical Neurophysiology</i> , 2017 , 128, 1563-1574	4.3	31
608	Pyramidal tract activation due to subthalamic deep brain stimulation in Parkinson's disease. <i>Movement Disorders</i> , 2017 , 32, 1174-1182	7	36
607	Theta burst magnetic stimulation over the pre-supplementary motor area improves motor inhibition. <i>Brain Stimulation</i> , 2017 , 10, 944-951	5.1	20
606	Probing the timing network: A continuous theta burst stimulation study of temporal categorization. <i>Neuroscience</i> , 2017 , 356, 167-175	3.9	14
605	Reward and punishment enhance motor adaptation in stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017 , 88, 730-736	5.5	49
604	Modulation of iTBS after-effects via concurrent directional TDCS: A proof of principle study. <i>Brain Stimulation</i> , 2017 , 10, 744-747	5.1	16
603	Impaired intracortical inhibition demonstrated in vivo in people with Dravet syndrome. <i>Neurology</i> , 2017 , 88, 1659-1665	6.5	23

602	Stimulating cognition in schizophrenia: A controlled pilot study of the effects of prefrontal transcranial direct current stimulation upon memory and learning. <i>Brain Stimulation</i> , 2017 , 10, 560-566	5.1	43
601	Variability in neural excitability and plasticity induction in the human cortex: A brain stimulation study. <i>Brain Stimulation</i> , 2017 , 10, 588-595	5.1	64
600	Plasticity induced by non-invasive transcranial brain stimulation: A position paper. <i>Clinical Neurophysiology</i> , 2017 , 128, 2318-2329	4.3	163
599	Functional Strength Training and Movement Performance Therapy for Upper Limb Recovery Early Poststroke-Efficacy, Neural Correlates, Predictive Markers, and Cost-Effectiveness: FAST-INDICATE Trial. <i>Frontiers in Neurology</i> , 2017 , 8, 733	4.1	10
598	Past, present, and future of Parkinson's disease: A special essay on the 200th Anniversary of the Shaking Palsy. <i>Movement Disorders</i> , 2017 , 32, 1264-1310	7	375
597	The associative brain at work: Evidence from paired associative stimulation studies in humans. <i>Clinical Neurophysiology</i> , 2017 , 128, 2140-2164	4.3	76
596	16 A randomised controlled trial of deep brain stimulation in obsessive compulsive disorder: a comparison of ventral capsule/ventral striatum and subthalamic nucleus targets. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017 , 88, A8.2-A9	5.5	3
595	Stimulating thought: a functional MRI study of transcranial direct current stimulation in schizophrenia. <i>Brain</i> , 2017 , 140, 2490-2497	11.2	23
594	Pathophysiological heterogeneity in Parkinson's disease: Neurophysiological insights from LRRK2 mutations. <i>Movement Disorders</i> , 2017 , 32, 1333-1335	7	5
593	Unmyelinated Peripheral Nerves Can Be Stimulated in Vitro Using Pulsed Ultrasound. <i>Ultrasound in Medicine and Biology</i> , 2017 , 43, 2269-2283	3.5	28
592	Modulation of motor cortex excitability by paired peripheral and transcranial magnetic stimulation. <i>Clinical Neurophysiology</i> , 2017 , 128, 2043-2047	4.3	17
591	Time-dependent functional role of the contralesional motor cortex after stroke. <i>NeuroImage: Clinical</i> , 2017 , 16, 165-174	5.3	22
590	The reliability of commonly used electrophysiology measures. <i>Brain Stimulation</i> , 2017 , 10, 1102-1111	5.1	36
589	Neurophysiological correlates of abnormal somatosensory temporal discrimination in dystonia. <i>Movement Disorders</i> , 2017 , 32, 141-148	7	50
588	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	5.1	61
587	PO221 Pathological mechanisms of glycine receptor antibodies. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017 , 88, A70.2-A70	5.5	
586	[P3008]: EFFECT OF DONEPEZIL ON TRANSCRANIAL MAGNETIC STIMULATION PARAMETERS IN ALZHEIMER'S DISEASE 2017 , 13, P1015-P1016		
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