

# Robert Chen

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6401551/robert-chen-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

345  
papers

20,353  
citations

80  
h-index

131  
g-index

371  
ext. papers

23,231  
ext. citations

5.1  
avg, IF

6.76  
L-index

#	Paper	IF	Citations
345	Clinical outcome measures and their evidence base in degenerative cervical myelopathy: a systematic review to inform a core measurement set (AO Spine RECODE-DCM).. <i>BMJ Open</i> , <b>2022</b> , 12, e057650	3	1
344	Parkinson's disease: Alterations of motor plasticity and motor learning.. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2022</b> , 184, 135-151	3	
343	Reply to "Transcranial Pulse Stimulation (TPS) - A highly focused brain stimulation therapy with 3D navigation".. <i>Clinical Neurophysiology</i> , <b>2022</b> ,	4.3	
342	Toward focused ultrasound neuromodulation in deep brain stimulator implanted patients: Ex-vivo thermal, kinetic and targeting feasibility assessment.. <i>Brain Stimulation</i> , <b>2022</b> , 15, 376-379	5.1	2
341	Subthalamic nucleus conditioning reduces premotor-motor interaction in Parkinson's disease.. <i>Parkinsonism and Related Disorders</i> , <b>2022</b> , 96, 6-12	3.6	0
340	Human Studies of Transcranial Ultrasound neuromodulation: A systematic review of effectiveness and safety.. <i>Brain Stimulation</i> , <b>2022</b> , 15, 737-746	5.1	2
339	Exploring the connections between basal ganglia and cortex revealed by transcranial magnetic stimulation, evoked potential and deep brain stimulation in dystonia.. <i>European Journal of Paediatric Neurology</i> , <b>2021</b> , 36, 69-77	3.8	1
338	Induction of Human Motor Cortex Plasticity by Theta Burst Transcranial Ultrasound Stimulation.. <i>Annals of Neurology</i> , <b>2021</b> ,	9.4	8
337	VMAT2 availability in Parkinson's disease with probable REM sleep behaviour disorder. <i>Molecular Brain</i> , <b>2021</b> , 14, 165	4.5	0
336	Proprioceptive recalibration following implicit visuomotor adaptation is preserved in Parkinson's disease. <i>Experimental Brain Research</i> , <b>2021</b> , 239, 1551-1565	2.3	4
335	Peribuccal and pharyngeal myorhythmia as a presenting symptom of hypertrophic olivary degeneration: Expert commentary. <i>Parkinsonism and Related Disorders</i> , <b>2021</b> , 85, 144-145	3.6	
334	Teaching Video NeuroImage: "Weighing" in on an Unusual Tremor. <i>Neurology</i> , <b>2021</b> , 97, e970-e971	6.5	
333	Interhemispheric interactions between the right angular gyrus and the left motor cortex: a transcranial magnetic stimulation study. <i>Journal of Neurophysiology</i> , <b>2021</b> , 125, 1236-1250	3.2	0
332	Motor blocks during bilateral stepping in Parkinson's disease and effects of dopaminergic medication. <i>Parkinsonism and Related Disorders</i> , <b>2021</b> , 85, 1-4	3.6	
331	COVID-19 and its Cardiac and Neurological Complications among Ontario Visible Minorities. <i>Canadian Journal of Neurological Sciences</i> , <b>2021</b> , 1-10	1	1
330	Acute low frequency dorsal subthalamic nucleus stimulation improves verbal fluency in Parkinson's disease. <i>Brain Stimulation</i> , <b>2021</b> , 14, 754-760	5.1	3
329	An Overview of Noninvasive Brain Stimulation: Basic Principles and Clinical Applications. <i>Canadian Journal of Neurological Sciences</i> , <b>2021</b> , 1-14	1	3

328	Involvement of the primary motor cortex in the early processing stage of the affective stimulus-response compatibility effect in a manikin task. <i>NeuroImage</i> , <b>2021</b> , 225, 117485	7.9	3
327	A Distinct EEG Marker of Celiac Disease-Related Cortical Myoclonus. <i>Movement Disorders</i> , <b>2021</b> , 36, 999-1005	4.0	3
326	Neurophysiological biomarkers using transcranial magnetic stimulation in Alzheimer's disease and mild cognitive impairment: A systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2021</b> , 121, 47-59	9	14
325	Theta Burst Deep Brain Stimulation in Movement Disorders. <i>Movement Disorders Clinical Practice</i> , <b>2021</b> , 8, 282-285	2.2	2
324	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> , <b>2021</b> , 132, 269-306	4.3	130
323	Suggestibility as a valuable criterion for laboratory-supported definite functional movement disorders. <i>Clinical Neurophysiology Practice</i> , <b>2021</b> , 6, 103-108	3.8	1
322	Single-Pulse Transcranial Magnetic Stimulation-Evoked Potential Amplitudes and Latencies in the Motor and Dorsolateral Prefrontal Cortex among Young, Older Healthy Participants, and Schizophrenia Patients. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	3
321	Botulinum Toxin-Associated Prolonged Remission of Idiopathic Cervical Dystonia. <i>Canadian Journal of Neurological Sciences</i> , <b>2021</b> , 1-5	1	0
320	Canadian Platform for Trials in Noninvasive Brain Stimulation (CanStim) Consensus Recommendations for Repetitive Transcranial Magnetic Stimulation in Upper Extremity Motor Stroke Rehabilitation Trials. <i>Neurorehabilitation and Neural Repair</i> , <b>2021</b> , 35, 103-116	4.7	1
319	Extra-striatal dopamine in Parkinson's disease with rapid eye movement sleep behavior disorder. <i>Journal of Neuroscience Research</i> , <b>2021</b> , 99, 1177-1187	4.4	2
318	Differentiating transcranial magnetic stimulation cortical and auditory responses via single pulse and paired pulse protocols: A TMS-EEG study. <i>Clinical Neurophysiology</i> , <b>2021</b> , 132, 1850-1858	4.3	2
317	Paradoxical facilitation alongside interhemispheric inhibition. <i>Experimental Brain Research</i> , <b>2021</b> , 239, 3303-3313	2.3	2
316	Fronto-subthalamic phase synchronization and cross-frequency coupling during conflict processing. <i>NeuroImage</i> , <b>2021</b> , 238, 118205	7.9	0
315	Diagnostic contribution and therapeutic perspectives of transcranial magnetic stimulation in dementia. <i>Clinical Neurophysiology</i> , <b>2021</b> , 132, 2568-2607	4.3	16
314	Impaired motor cortical facilitatory-inhibitory circuit interaction in Parkinson's disease. <i>Clinical Neurophysiology</i> , <b>2021</b> , 132, 2685-2692	4.3	2
313	Influence of BDNF Val66Met polymorphism on excitatory-inhibitory balance and plasticity in human motor cortex. <i>Clinical Neurophysiology</i> , <b>2021</b> , 132, 2827-2839	4.3	1
312	Time course of the effects of low-intensity transcranial ultrasound on the excitability of ipsilateral and contralateral human primary motor cortex. <i>NeuroImage</i> , <b>2021</b> , 243, 118557	7.9	3
311	Tolerability and Efficacy of Customized IncobotulinumtoxinA Injections for Essential Tremor: A Randomized, Double-Blind, Placebo-Controlled Study. <i>Toxins</i> , <b>2020</b> , 12,	4.9	2

310	Hemispheric Differences in Functional Interactions Between the Dorsal Lateral Prefrontal Cortex and Ipsilateral Motor Cortex. <i>Frontiers in Human Neuroscience</i> , <b>2020</b> , 14, 202	3.3	8
309	Transcranial Magnetic Stimulation for Pain, Headache, and Comorbid Depression: INS-NANS Expert Consensus Panel Review and Recommendation. <i>Neuromodulation</i> , <b>2020</b> , 23, 267-290	3.1	22
308	Principles of Electrophysiological Assessments for Movement Disorders. <i>Journal of Movement Disorders</i> , <b>2020</b> , 13, 27-38	2.9	21
307	Systematic examination of low-intensity ultrasound parameters on human motor cortex excitability and behavior. <i>ELife</i> , <b>2020</b> , 9,	8.9	18
306	Interhemispheric pathways in agenesis of the corpus callosum and Parkinson's disease. <i>Brain Stimulation</i> , <b>2020</b> , 13, 360-362	5.1	2
305	Theta burst transcranial magnetic stimulation to induce seizures in an epilepsy monitoring unit. <i>Brain Stimulation</i> , <b>2020</b> , 13, 1800-1802	5.1	2
304	Deep brain stimulation and recordings: Insights into the contributions of subthalamic nucleus in cognition. <i>NeuroImage</i> , <b>2020</b> , 222, 117300	7.9	2
303	Defective corticomuscular connectivity during walking in patients with Parkinson's disease. <i>Journal of Neurophysiology</i> , <b>2020</b> , 124, 1399-1414	3.2	4
302	Ultrasound-Guided Needle Electromyography for Assessing Diaphragmatic Myoclonus. <i>Movement Disorders Clinical Practice</i> , <b>2020</b> , 7, 870-871	2.2	1
301	Plastic changes in the brain after human hand allotransplantation. <i>Neurology</i> , <b>2020</b> , 95, 547-550	6.5	
300	Pharmacological mechanisms of interhemispheric signal propagation: a TMS-EEG study. <i>Neuropsychopharmacology</i> , <b>2020</b> , 45, 932-939	8.7	8
299	Cortical GABAergic dysfunction underlying abnormal hand movements in ARX mutation. <i>Clinical Neurophysiology</i> , <b>2019</b> , 130, 1750-1751	4.3	0
298	Clinical utility and prospective of TMS-EEG. <i>Clinical Neurophysiology</i> , <b>2019</b> , 130, 802-844	4.3	123
297	Reader response: Video NeuroImages: Paraneoplastic spinal myoclonus associated with Caspr2 antibodies. <i>Neurology</i> , <b>2019</b> , 92, 302-303	6.5	
296	Reader response: Video NeuroImages: Paraneoplastic spinal myoclonus associated with Caspr2 antibodies. <i>Neurology</i> , <b>2019</b> , 92, 304	6.5	1
295	Invasive and Noninvasive Brain Stimulation in Parkinson's Disease: Clinical Effects and Future Perspectives. <i>Clinical Pharmacology and Therapeutics</i> , <b>2019</b> , 106, 763-775	6.1	25
294	The clinical significance of lower limb tremors. <i>Parkinsonism and Related Disorders</i> , <b>2019</b> , 65, 165-171	3.6	5
293	Somatosensory-motor cortex interactions measured using dual-site transcranial magnetic stimulation. <i>Brain Stimulation</i> , <b>2019</b> , 12, 1229-1243	5.1	11

292	DRD2 Genotype-Based Variants Modulates D2 Receptor Distribution in Ventral Striatum. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 6512-6520	6.2	5
291	Learning from Goal and Action Based Observations Differentially Modulates Functional Motor Cortical Plasticity. <i>Neuroscience</i> , <b>2019</b> , 404, 387-395	3.9	2
290	Single-pulse subthalamic deep brain stimulation reduces premotor-motor facilitation in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , <b>2019</b> , 66, 224-227	3.6	3
289	Motor cortical circuits in Parkinson disease and dystonia. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2019</b> , 161, 167-186	3	10
288	Using Dual-Site Transcranial Magnetic Stimulation to Probe Connectivity between the Dorsolateral Prefrontal Cortex and Ipsilateral Primary Motor Cortex in Humans. <i>Brain Sciences</i> , <b>2019</b> , 9,	3.4	7
287	3-Tesla MRI of deep brain stimulation patients: safety assessment of coils and pulse sequences. <i>Journal of Neurosurgery</i> , <b>2019</b> , 132, 586-594	3.2	25
286	Involvement of different neuronal components in the induction of cortical plasticity with associative stimulation. <i>Brain Stimulation</i> , <b>2019</b> , 12, 84-86	5.1	6
285	Ultra-high-frequency deep brain stimulation at 10,000 Hz improves motor function. <i>Movement Disorders</i> , <b>2019</b> , 34, 146-148	7	7
284	Rubber hand illusion modulates the influences of somatosensory and parietal inputs to the motor cortex. <i>Journal of Neurophysiology</i> , <b>2019</b> , 121, 563-573	3.2	22
283	Effects of deep brain stimulation on the primary motor cortex: Insights from transcranial magnetic stimulation studies. <i>Clinical Neurophysiology</i> , <b>2019</b> , 130, 558-567	4.3	6
282	Pallidal deep brain stimulation modulates cortical excitability and plasticity. <i>Annals of Neurology</i> , <b>2018</b> , 83, 352-362	9.4	36
281	Physiological effects of subthalamic nucleus deep brain stimulation surgery in cervical dystonia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2018</b> , 89, 1296-1300	5.5	4
280	Neurophysiological Changes Measured Using Somatosensory Evoked Potentials. <i>Trends in Neurosciences</i> , <b>2018</b> , 41, 294-310	13.3	18
279	Reduced Short-Latency Afferent Inhibition in Prefrontal but not Motor Cortex and Its Association With Executive Function in Schizophrenia: A Combined TMS-EEG Study. <i>Schizophrenia Bulletin</i> , <b>2018</b> , 44, 193-202	1.3	17
278	Pharmacological Manipulation of Cortical Inhibition in the Dorsolateral Prefrontal Cortex. <i>Neuropsychopharmacology</i> , <b>2018</b> , 43, 354-361	8.7	9
277	Mind-Matter Interactions and the Frontal Lobes of the Brain: A Novel Neurobiological Model of Psi Inhibition. <i>Explore: the Journal of Science and Healing</i> , <b>2018</b> , 14, 76-85	1.4	0
276	Changes in corticospinal excitability associated with motor learning by observing. <i>Experimental Brain Research</i> , <b>2018</b> , 236, 2829-2838	2.3	3
275	Pharmacological Modulation of Long-Term Potentiation-Like Activity in the Dorsolateral Prefrontal Cortex. <i>Frontiers in Human Neuroscience</i> , <b>2018</b> , 12, 155	3.3	7

274	Altered somatosensory processing in Parkinson's disease and modulation by dopaminergic medications. <i>Parkinsonism and Related Disorders</i> , <b>2018</b> , 53, 76-81	3.6	10
273	Reply to "Corticopallidal connectivity: Lessons from patients with dystonia". <i>Annals of Neurology</i> , <b>2018</b> , 84, 159	9.4	2
272	Transcranial magnetic stimulation does not improve mild cognitive impairment in Parkinson's disease. <i>Movement Disorders</i> , <b>2018</b> , 33, 489-491	7	10
271	Frontal infraslow activity marks the motor spasms of anti-LGI1 encephalitis. <i>Clinical Neurophysiology</i> , <b>2018</b> , 129, 59-68	4.3	20
270	Dysfunction in emotion processing underlies functional (psychogenic) dystonia. <i>Movement Disorders</i> , <b>2018</b> , 33, 136-145	7	36
269	Stopping and slowing manual and spoken responses: Similar oscillatory signatures recorded from the subthalamic nucleus. <i>Brain and Language</i> , <b>2018</b> , 176, 1-10	2.9	4
268	Functional interaction between human dorsal premotor cortex and the ipsilateral primary motor cortex for grasp plans: a dual-site TMS study. <i>NeuroReport</i> , <b>2018</b> , 29, 1355-1359	1.7	12
267	Neurostimulation for Functional Neurological Disorder: Evaluating Longitudinal Neurophysiology. <i>Movement Disorders Clinical Practice</i> , <b>2018</b> , 5, 561-563	2.2	4
266	Dynamic cortical participation during bilateral, cyclical ankle movements: Effects of Parkinson's disease. <i>PLoS ONE</i> , <b>2018</b> , 13, e0196177	3.7	8
265	Effects of lorazepam and baclofen on short- and long-latency afferent inhibition. <i>Journal of Physiology</i> , <b>2018</b> , 596, 5267-5280	3.9	22
264	Long-term relief of intractable hiccups with vagal nerve stimulation. <i>Brain Stimulation</i> , <b>2018</b> , 11, 1385-1387	3.7	1
263	Event-related deep brain stimulation of the subthalamic nucleus affects conflict processing. <i>Annals of Neurology</i> , <b>2018</b> , 84, 515-526	9.4	11
262	Increases in motor cortical excitability during mirror visual feedback of a precision grasp is influenced by vision and movement of the opposite limb. <i>Neuroscience Letters</i> , <b>2018</b> , 681, 31-36	3.3	6
261	A Delphi-Based Consensus Statement on the Management of Anticoagulated Patients With Botulinum Toxin for Limb Spasticity. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2018</b> , 99, 2183-2189	3.8	7
260	Safety of repetitive transcranial magnetic stimulation in patients with implanted cortical electrodes. An ex-vivo study and report of a case. <i>Clinical Neurophysiology</i> , <b>2017</b> , 128, 1109-1115	4.3	6
259	Human dorsomedial parieto-motor circuit specifies grasp during the planning of goal-directed hand actions. <i>Cortex</i> , <b>2017</b> , 92, 175-186	3.8	30
258	Influence of inter-train interval on the plastic effects of rTMS. <i>Brain Stimulation</i> , <b>2017</b> , 10, 630-636	5.1	22
257	Evaluation of short interval cortical inhibition and intracortical facilitation from the dorsolateral prefrontal cortex in patients with schizophrenia. <i>Scientific Reports</i> , <b>2017</b> , 7, 17106	4.9	20

256	Characterization of the influence of age on GABA and glutamatergic mediated functions in the dorsolateral prefrontal cortex using paired-pulse TMS-EEG. <i>Aging</i> , <b>2017</b> , 9, 556-572	5.6	28
255	Deep brain stimulation modulates the shape of cortical beta oscillations in Parkinson's disease. <i>Movement Disorders</i> , <b>2017</b> , 32, 1377	7	
254	Contribution of transcranial magnetic stimulation to assessment of brain connectivity and networks. <i>Clinical Neurophysiology</i> , <b>2017</b> , 128, 2125-2139	4.3	83
253	Modulation of long-latency afferent inhibition by the amplitude of sensory afferent volley. <i>Journal of Neurophysiology</i> , <b>2017</b> , 118, 610-618	3.2	13
252	Dynamic cortical participation during bilateral, cyclical ankle movements: effects of aging. <i>Scientific Reports</i> , <b>2017</b> , 7, 44658	4.9	13
251	A Clinical Practice Guideline for the Management of Patients With Degenerative Cervical Myelopathy: Recommendations for Patients With Mild, Moderate, and Severe Disease and Nonmyelopathic Patients With Evidence of Cord Compression. <i>Global Spine Journal</i> , <b>2017</b> , 7, 705-835	2.7	158
250	Modulation of cognitive cerebello-cerebral functional connectivity by lateral cerebellar continuous theta burst stimulation. <i>NeuroImage</i> , <b>2017</b> , 158, 48-57	7.9	47
249	Abnormal premotor-motor interaction in heterozygous Parkin- and Pink1 mutation carriers. <i>Clinical Neurophysiology</i> , <b>2017</b> , 128, 275-280	4.3	11
248	Characterization of Glutamatergic and GABA-Mediated Neurotransmission in Motor and Dorsolateral Prefrontal Cortex Using Paired-Pulse TMS-EEG. <i>Neuropsychopharmacology</i> , <b>2017</b> , 42, 502-511	8.7	83
247	Modulation of the Direction and Magnitude of Hebbian Plasticity in Human Motor Cortex by Stimulus Intensity and Concurrent Inhibition. <i>Brain Stimulation</i> , <b>2017</b> , 10, 83-90	5.1	17
246	Investigating Cortical Inhibition in First-Degree Relatives and Proband in Schizophrenia. <i>Scientific Reports</i> , <b>2017</b> , 7, 43629	4.9	15
245	Reduced Prefrontal Short-Latency Afferent Inhibition in Older Adults and Its Relation to Executive Function: A TMS-EEG Study. <i>Frontiers in Aging Neuroscience</i> , <b>2017</b> , 9, 119	5.3	10
244	Research Priorities in Limb and Task-Specific Dystonias. <i>Frontiers in Neurology</i> , <b>2017</b> , 8, 170	4.1	23
243	Dynamic Increase in Corticomuscular Coherence during Bilateral, Cyclical Ankle Movements. <i>Frontiers in Human Neuroscience</i> , <b>2017</b> , 11, 155	3.3	21
242	Augmenting Plasticity Induction in Human Motor Cortex by Disinhibition Stimulation. <i>Cerebral Cortex</i> , <b>2016</b> , 26, 58-69	5.1	38
241	The long-term outcome of orthostatic tremor. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2016</b> , 87, 167-72	5.5	29
240	Orthostatic myoclonus associated with Caspr2 antibodies. <i>Neurology</i> , <b>2016</b> , 87, 1187-8	6.5	6
239	Time-course of coherence in the human basal ganglia during voluntary movements. <i>Scientific Reports</i> , <b>2016</b> , 6, 34930	4.9	15



238	Is Closed-Loop, Time-Locked Primary Motor Cortex Stimulation an Ideal Target for Improving Movements in Neurological Disorders?. <i>Movement Disorders</i> , <b>2016</b> , 31, 1341	7	2
237	Cortical Plasticity Induction by Pairing Subthalamic Nucleus Deep-Brain Stimulation and Primary Motor Cortical Transcranial Magnetic Stimulation in Parkinson's Disease. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 396-404	6.6	47
236	Deficits in GABAA receptor function and working memory in non-smokers with schizophrenia. <i>Schizophrenia Research</i> , <b>2016</b> , 171, 125-30	3.6	13
235	Research projects in the Surgeon-Scientist and Clinician-Investigator programs at the University of Toronto (1987-2016): a cohort study. <i>CMAJ Open</i> , <b>2016</b> , 4, E444-E447	2.5	8
234	Deeper understanding of the role of dopamine in reward, learning, and motivation. <i>Movement Disorders</i> , <b>2016</b> , 31, 498	7	3
233	A combined TMS-EEG study of short-latency afferent inhibition in the motor and dorsolateral prefrontal cortex. <i>Journal of Neurophysiology</i> , <b>2016</b> , 116, 938-48	3.2	25
232	Stop-related subthalamic beta activity indexes global motor suppression in Parkinson's disease. <i>Movement Disorders</i> , <b>2016</b> , 31, 1846-1853	7	53
231	Myoclonus: Pathophysiology and Treatment Options. <i>Current Treatment Options in Neurology</i> , <b>2016</b> , 18, 21	4.4	41
230	Multifocal repetitive TMS for motor and mood symptoms of Parkinson disease: A randomized trial. <i>Neurology</i> , <b>2016</b> , 87, 1907-1915	6.5	76
229	Effects of varenicline on motor cortical plasticity in non-smokers with schizophrenia. <i>Schizophrenia Research</i> , <b>2016</b> , 178, 50-55	3.6	2
228	Role of dopamine in motor cortex plasticity in Parkinson's disease. <i>Movement Disorders</i> , <b>2016</b> , 31, 43	7	1
227	The influence of sensory afferent input on local motor cortical excitatory circuitry in humans. <i>Journal of Physiology</i> , <b>2015</b> , 593, 1667-84	3.9	27
226	Effects of subthalamic nucleus stimulation on motor cortex plasticity in Parkinson disease. <i>Neurology</i> , <b>2015</b> , 85, 425-32	6.5	34
225	Repetitive transcranial magnetic stimulation of the primary motor cortex in the treatment of motor signs in Parkinson's disease: A quantitative review of the literature. <i>Movement Disorders</i> , <b>2015</b> , 30, 750-87		39
224	The mechanisms of action of deep brain stimulation and ideas for the future development. <i>Progress in Neurobiology</i> , <b>2015</b> , 133, 27-49	10.9	95
223	The rationale driving the evolution of deep brain stimulation to constant-current devices. <i>Neuromodulation</i> , <b>2015</b> , 18, 85-8; discussion 88-9	3.1	58
222	Evidence for inhibitory deficits in the prefrontal cortex in schizophrenia. <i>Brain</i> , <b>2015</b> , 138, 483-97	11.2	48
221	Neurophysiologic Assessment of Movement Disorders in Humans <b>2015</b> , 171-186		



220	Reduced dorsal premotor cortex and primary motor cortex connectivity in older adults. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 301-3	5.6	19
219	Salience network and parahippocampal dopamine dysfunction in memory-impaired Parkinson disease. <i>Annals of Neurology</i> , <b>2015</b> , 77, 269-80	9.4	62
218	Transcranial magnetic stimulation to understand pathophysiology and as potential treatment for neurodegenerative diseases. <i>Translational Neurodegeneration</i> , <b>2015</b> , 4, 22	10.3	45
217	Are we close to the advent of closed loop deep brain stimulation in Parkinson's disease?. <i>Movement Disorders</i> , <b>2015</b> , 30, 1326	7	6
216	Increased intracortical inhibition in hyperglycemic hemichorea-hemiballism. <i>Movement Disorders</i> , <b>2015</b> , 30, 198-205	7	7
215	Repetitive transcranial magnetic stimulation in cervical dystonia: effect of site and repetition in a randomized pilot trial. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124937	3.7	17
214	Combined insular and striatal dopamine dysfunction are associated with executive deficits in Parkinson's disease with mild cognitive impairment. <i>Brain</i> , <b>2014</b> , 137, 565-75	11.2	98
213	Neurophysiological assessment of fatigue in electrical injury patients. <i>Experimental Brain Research</i> , <b>2014</b> , 232, 1013-23	2.3	1
212	Breathing and the Nervous System <b>2014</b> , 3-23		1
211	Perioperative applications of deformation (myocardial strain) imaging with speckle-tracking echocardiography. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2014</b> , 28, 128-140	2.1	10
210	Dose-response curve of associative plasticity in human motor cortex and interactions with motor practice. <i>Journal of Neurophysiology</i> , <b>2014</b> , 111, 594-601	3.2	13
209	Effects of short-latency afferent inhibition on short-interval intracortical inhibition. <i>Journal of Neurophysiology</i> , <b>2014</b> , 111, 1350-61	3.2	19
208	Heterosynaptic modulation of motor cortical plasticity in human. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 7314-21	6.1	31
207	Determining optimal rTMS parameters through changes in cortical inhibition. <i>Clinical Neurophysiology</i> , <b>2014</b> , 125, 755-762	4.3	37
206	Central motor conduction time. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2013</b> , 116, 375-86	3	29
205	Safety of transcranial magnetic stimulation in Parkinson's disease: a review of the literature. <i>Parkinsonism and Related Disorders</i> , <b>2013</b> , 19, 573-85	3.6	26
204	Pedunculopontine nucleus evoked potentials from subthalamic nucleus stimulation in Parkinson's disease. <i>Experimental Neurology</i> , <b>2013</b> , 250, 221-7	5.7	16
203	The EEG correlates of the TMS-induced EMG silent period in humans. <i>NeuroImage</i> , <b>2013</b> , 83, 120-34	7.9	80

202	Transcallosal inhibition in patients with callosal infarction. <i>Journal of Neurophysiology</i> , <b>2013</b> , 109, 659-653.2		21
201	Increased motor cortical facilitation and decreased inhibition in Parkinson disease. <i>Neurology</i> , <b>2013</b> , 80, 1746-53	6.5	84
200	Myoclonus. <i>CONTINUUM Lifelong Learning in Neurology</i> , <b>2013</b> , 19, 1264-86	3	11
199	Long-term subthalamic nucleus stimulation improves sensorimotor integration and proprioception. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2013</b> , 84, 1020-8	5.5	32
198	Selective effects of baclofen on use-dependent modulation of GABAB inhibition after tetraplegia. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 12898-907	6.6	24
197	Modulation of Beta oscillations in the subthalamic nucleus with prosaccades and antisaccades in Parkinson's disease. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 6895-904	6.6	10
196	Short- and long-latency interhemispheric inhibitions are additive in human motor cortex. <i>Journal of Neurophysiology</i> , <b>2013</b> , 109, 2955-62	3.2	7
195	Analysis of fractal electrodes for efficient neural stimulation. <i>Frontiers in Neuroengineering</i> , <b>2013</b> , 6, 3		26
194	Motor cortical plasticity in Parkinson's disease. <i>Frontiers in Neurology</i> , <b>2013</b> , 4, 128	4.1	49
193	Diagnostic and Therapeutic Role of Magnetic Stimulation in Neurology <b>2012</b> , 615-631		
192	Palliative care for advanced Parkinson disease: an interdisciplinary clinic and new scale, the ESAS-PD. <i>Parkinsonism and Related Disorders</i> , <b>2012</b> , 18 Suppl 3, S6-9	3.6	74
191	Associated movement disorders in orthostatic tremor. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2012</b> , 83, 725-9	5.5	36
190	Effects of theta burst stimulation on motor cortex excitability in Parkinson's disease. <i>Clinical Neurophysiology</i> , <b>2012</b> , 123, 815-21	4.3	50
189	How can we solve the debate on the nature of CRPS, fixed dystonia and peripheral trauma-induced movement disorders?. <i>Basal Ganglia</i> , <b>2012</b> , 2, 237-239		1
188	MRI-targeted repetitive transcranial magnetic stimulation of Heschl's gyrus for refractory auditory hallucinations. <i>Brain Stimulation</i> , <b>2012</b> , 5, 577-85	5.1	38
187	Extreme task specificity: is it dystonia or another form of motor programming abnormality?. <i>Movement Disorders</i> , <b>2012</b> , 27, 1202-3	7	0
186	Subthalamic deep brain stimulation at individualized frequencies for Parkinson disease. <i>Neurology</i> , <b>2012</b> , 78, 1930-8	6.5	48
185	Prominent 5-18 Hz oscillations in the pallidal-thalamic circuit in secondary dystonia. <i>Neurology</i> , <b>2012</b> , 78, 361-3	6.5	13

184	Short-interval intracortical inhibition blocks long-term potentiation induced by paired associative stimulation. <i>Journal of Neurophysiology</i> , <b>2012</b> , 107, 1935-41	3.2	35
183	Combined use of transcranial magnetic stimulation and metal electrode implants: a theoretical assessment of safety considerations. <i>Physics in Medicine and Biology</i> , <b>2012</b> , 57, 7813-27	3.8	13
182	Movement related potentials and oscillatory activities in the human internal globus pallidus during voluntary movements. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2012</b> , 83, 91-7	5.5	30
181	Real-time two-dimensional asynchronous control of a computer cursor with a single subdural electrode. <i>Journal of Spinal Cord Medicine</i> , <b>2012</b> , 35, 382-91	1.9	4
180	Dopamine alters tactile perception in Parkinson's disease. <i>Canadian Journal of Neurological Sciences</i> , <b>2012</b> , 39, 52-7	1	21
179	N-Methyl-D-Aspartate antagonists in levodopa induced dyskinesia: a meta-analysis. <i>Canadian Journal of Neurological Sciences</i> , <b>2012</b> , 39, 465-72	1	27
178	Intracortical Circuits and Their Interactions in Human Primary Motor Cortex <b>2012</b> , 49-69		
177	Excitatory and Inhibitory Effects of Transcranial Magnetic Stimulation. <i>Biocybernetics and Biomedical Engineering</i> , <b>2011</b> , 31, 93-105	5.7	5
176	Causes for treatment delays in dystonia and hemifacial spasm: a Canadian survey. <i>Canadian Journal of Neurological Sciences</i> , <b>2011</b> , 38, 704-11	1	23
175	Transcranial magnetic stimulation in different current directions activates separate cortical circuits. <i>Journal of Neurophysiology</i> , <b>2011</b> , 105, 749-56	3.2	80
174	Direct demonstration of inhibitory interactions between long interval intracortical inhibition and short interval intracortical inhibition. <i>Journal of Physiology</i> , <b>2011</b> , 589, 2955-62	3.9	31
173	Exploring the effect of inducing long-term potentiation in the human motor cortex on motor learning. <i>Brain Stimulation</i> , <b>2011</b> , 4, 137-44	5.1	30
172	Triple-pulse TMS to study interactions between neural circuits in human cortex. <i>Brain Stimulation</i> , <b>2011</b> , 4, 281-93	5.1	39
171	Reply: Where are the somatosensory evoked potentials recorded from DBS leads implanted in the human pedunculopontine tegmental nucleus generated?. <i>Movement Disorders</i> , <b>2011</b> , 26, 1573-1574	7	2
170	The modified bradykinesia rating scale for Parkinson's disease: reliability and comparison with kinematic measures. <i>Movement Disorders</i> , <b>2011</b> , 26, 1859-63	7	113
169	Expanding the phenomenology of benign hereditary chorea: evolution from chorea to myoclonus and dystonia. <i>Movement Disorders</i> , <b>2011</b> , 26, 2296-7	7	12
168	Differential response of speed, amplitude, and rhythm to dopaminergic medications in Parkinson's disease. <i>Movement Disorders</i> , <b>2011</b> , 26, 2504-8	7	91
167	A diagnostic test to distinguish psychogenic dystonia from organic dystonia?. <i>Neurology</i> , <b>2011</b> , 76, 590-16.5		1

166	Unilateral subdural motor cortex stimulation improves essential tremor but not Parkinson disease. <i>Brain</i> , <b>2011</b> , 134, 2096-105	11.2	73
165	The effect of repetitive transcranial magnetic stimulation on gamma oscillatory activity in schizophrenia. <i>PLoS ONE</i> , <b>2011</b> , 6, e22627	3.7	60
164	Effect of long interval interhemispheric inhibition on intracortical inhibitory and facilitatory circuits. <i>Journal of Physiology</i> , <b>2010</b> , 588, 2633-41	3.9	30
163	Reversal of cortical reorganization in human primary motor cortex following thumb reconstruction. <i>Journal of Neurophysiology</i> , <b>2010</b> , 103, 65-73	3.2	9
162	The nature and time course of cortical activation following subthalamic stimulation in Parkinson disease. <i>Cerebral Cortex</i> , <b>2010</b> , 20, 1926-36	5.1	100
161	Deep brain stimulation of the ventral intermediate nucleus of the thalamus for tremor in patients with multiple sclerosis. <i>Neurosurgery</i> , <b>2010</b> , 67, 646-51; discussion 651	3.2	55
160	Marked reduction of tremor in essential tremor after putaminal infarct. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2010</b> , 81, 1172-3	5.5	5
159	Evidence for gamma inhibition deficits in the dorsolateral prefrontal cortex of patients with schizophrenia. <i>Brain</i> , <b>2010</b> , 133, 1505-14	11.2	120
158	Reliability of long-interval cortical inhibition in healthy human subjects: a TMS-EEG study. <i>Journal of Neurophysiology</i> , <b>2010</b> , 104, 1339-46	3.2	85
157	Impaired interhemispheric inhibition in writer cramp. <i>Neurology</i> , <b>2010</b> , 75, 441-7	6.5	40
156	The role of the corpus callosum in transcranial magnetic stimulation induced interhemispheric signal propagation. <i>Biological Psychiatry</i> , <b>2010</b> , 68, 825-31	7.9	85
155	Cortical excitability and interhemispheric inhibition after subcortical pediatric stroke: plastic organization and effects of rTMS. <i>Clinical Neurophysiology</i> , <b>2010</b> , 121, 1922-9	4.3	80
154	Evidence for excessive frontal evoked gamma oscillatory activity in schizophrenia during working memory. <i>Schizophrenia Research</i> , <b>2010</b> , 121, 146-52	3.6	93
153	Transcranial direct current stimulation as a treatment for Parkinson disease--interesting, but not ready for prime time. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2010</b> , 81, 1061	5.5	6
152	Dystonia in complex regional pain syndrome type I. <i>Annals of Neurology</i> , <b>2010</b> , 67, 412-4	9.4	21
151	Involvement of the cerebellothalamocortical pathway in Parkinson disease. <i>Annals of Neurology</i> , <b>2010</b> , 68, 816-24	9.4	90
150	Effect of movement frequency on repetitive finger movements in patients with Parkinson disease. <i>Movement Disorders</i> , <b>2010</b> , 25, 252; author reply 253	7	3
149	Definition and classification of hyperkinetic movements in childhood. <i>Movement Disorders</i> , <b>2010</b> , 25, 1538-49	7	275

148	Somatosensory evoked potentials recorded from the human pedunculopontine nucleus region. <i>Movement Disorders</i> , <b>2010</b> , 25, 2076-83	7	15
147	Changing the "when" and "what" of intended actions. <i>Journal of Neurophysiology</i> , <b>2009</b> , 102, 2755-62	3.2	11
146	Impaired presynaptic inhibition in the motor cortex in Parkinson disease. <i>Neurology</i> , <b>2009</b> , 72, 842-9	6.5	56
145	Two phases of interhemispheric inhibition between motor related cortical areas and the primary motor cortex in human. <i>Cerebral Cortex</i> , <b>2009</b> , 19, 1654-65	5.1	161
144	Potential of gamma oscillatory activity through repetitive transcranial magnetic stimulation of the dorsolateral prefrontal cortex. <i>Neuropsychopharmacology</i> , <b>2009</b> , 34, 2359-67	8.7	80
143	Suppression of gamma-oscillations in the dorsolateral prefrontal cortex following long interval cortical inhibition: a TMS-EEG study. <i>Neuropsychopharmacology</i> , <b>2009</b> , 34, 1543-51	8.7	75
142	Bi-directional interhemispheric inhibition during unimanual sustained contractions. <i>BMC Neuroscience</i> , <b>2009</b> , 10, 31	3.2	47
141	Digit-specific aberrations in the primary somatosensory cortex in Writer's cramp. <i>Annals of Neurology</i> , <b>2009</b> , 66, 146-54	9.4	89
140	Cerebral blood flow changes induced by pedunculopontine nucleus stimulation in patients with advanced Parkinson's disease: a [(15)O] H2O PET study. <i>Human Brain Mapping</i> , <b>2009</b> , 30, 3901-9	5.9	88
139	Effect of transcranial magnetic stimulation on Parkinson motor function--systematic review of controlled clinical trials. <i>Movement Disorders</i> , <b>2009</b> , 24, 357-63	7	151
138	Impairments of speed and amplitude of movement in Parkinson's disease: a pilot study. <i>Movement Disorders</i> , <b>2009</b> , 24, 1001-8	7	71
137	Interactions between short latency afferent inhibition and long interval intracortical inhibition. <i>Experimental Brain Research</i> , <b>2009</b> , 199, 177-83	2.3	49
136	Effects of short interval intracortical inhibition and intracortical facilitation on short interval intracortical facilitation in human primary motor cortex. <i>Journal of Physiology</i> , <b>2009</b> , 587, 5665-78	3.9	70
135	Control of a neuroprosthesis for grasping using off-line classification of electrocorticographic signals: case study. <i>Spinal Cord</i> , <b>2009</b> , 47, 802-8	2.7	18
134	Myoclonus in complex regional pain syndrome. <i>Movement Disorders</i> , <b>2009</b> , 24, 314-6; author reply 316	7	18
133	The relationship between cortical inhibition, antipsychotic treatment, and the symptoms of schizophrenia. <i>Biological Psychiatry</i> , <b>2009</b> , 65, 503-9	7.9	74
132	rTMS for suppressing neuropathic pain: a meta-analysis. <i>Journal of Pain</i> , <b>2009</b> , 10, 1205-16	5.2	152
131	TMS neuro-cardiovascular coupling in vascular compression cranial neuropathy. <i>Canadian Journal of Neurological Sciences</i> , <b>2009</b> , 36, 83-8	1	

130	Polymyoclonus, laryngospasm, and cerebellar ataxia associated with adenocarcinoma and multiple neural cation channel autoantibodies. <i>Archives of Neurology</i> , <b>2009</b> , 66, 1285-7		2
129	Measurement and modulation of plasticity of the motor system in humans using transcranial magnetic stimulation. <i>Motor Control</i> , <b>2009</b> , 13, 442-53	1.3	42
128	Repetitive transcranial magnetic stimulation: faster or longer is not necessarily more. <i>Journal of Physiology</i> , <b>2008</b> , 586, 3733-4	3.9	7
127	The role of the cerebellum in the pathophysiology and treatment of neuropsychiatric disorders: a review. <i>Brain Research Reviews</i> , <b>2008</b> , 59, 185-200		89
126	Consensus paper on short-interval intracortical inhibition and other transcranial magnetic stimulation intracortical paradigms in movement disorders. <i>Brain Stimulation</i> , <b>2008</b> , 1, 183-91	5.1	93
125	Contralesional repetitive transcranial magnetic stimulation for chronic hemiparesis in subcortical paediatric stroke: a randomised trial. <i>Lancet Neurology</i> , <b>2008</b> , 7, 507-13	24.1	167
124	Neurocardiogenic syncope complicating pediatric transcranial magnetic stimulation. <i>Pediatric Neurology</i> , <b>2008</b> , 39, 196-7	2.9	36
123	The clinical diagnostic utility of transcranial magnetic stimulation: report of an IFCN committee. <i>Clinical Neurophysiology</i> , <b>2008</b> , 119, 504-532	4.3	438
122	Cortical plasticity following nerve transfer in the upper extremity. <i>Hand Clinics</i> , <b>2008</b> , 24, 425-44, vi-vii	1.7	64
121	Evidence for impaired long-term potentiation in schizophrenia and its relationship to motor skill learning. <i>Cerebral Cortex</i> , <b>2008</b> , 18, 990-6	5.1	160
120	Dysfunctional neural plasticity in patients with schizophrenia. <i>Archives of General Psychiatry</i> , <b>2008</b> , 65, 378-85		101
119	Digit somatotopy within cortical areas of the postcentral gyrus in humans. <i>Cerebral Cortex</i> , <b>2008</b> , 18, 2341-51	5.1	104
118	Increased cortical inhibition in persons with schizophrenia treated with clozapine. <i>Journal of Psychopharmacology</i> , <b>2008</b> , 22, 203-9	4.6	69
117	Reduced intracortical and interhemispheric inhibitions in corticobasal syndrome. <i>Journal of Clinical Neurophysiology</i> , <b>2008</b> , 25, 304-12	2.2	20
116	Possible differences between the time courses of presynaptic and postsynaptic GABAB mediated inhibition in the human motor cortex. <i>Experimental Brain Research</i> , <b>2008</b> , 184, 571-7	2.3	34
115	Deep brain stimulation of the ventral intermediate nucleus of the thalamus in medically refractory orthostatic tremor: preliminary observations. <i>Movement Disorders</i> , <b>2008</b> , 23, 2357-62	7	69
114	Electrophysiological features of myoclonus-dystonia. <i>Movement Disorders</i> , <b>2008</b> , 23, 2055-61	7	34
113	Long-interval cortical inhibition from the dorsolateral prefrontal cortex: a TMS-EEG study. <i>Neuropsychopharmacology</i> , <b>2008</b> , 33, 2860-9	8.7	177

112	Interhemispheric and ipsilateral connections in Parkinson's disease: relation to mirror movements. <i>Movement Disorders</i> , <b>2007</b> , 22, 813-21	7	88
111	Orthostatic tremor in progressive supranuclear palsy. <i>Movement Disorders</i> , <b>2007</b> , 22, 1192-4	7	14
110	The effects of inhibitory and facilitatory intracortical circuits on interhemispheric inhibition in the human motor cortex. <i>Journal of Physiology</i> , <b>2007</b> , 580, 1021-32	3.9	69
109	Short interval intracortical inhibition and facilitation during the silent period in human. <i>Journal of Physiology</i> , <b>2007</b> , 583, 971-82	3.9	59
108	Identification of arm movements using correlation of electrocorticographic spectral components and kinematic recordings. <i>Journal of Neural Engineering</i> , <b>2007</b> , 4, 146-58	5	24
107	Involvement of the basal ganglia and cerebellar motor pathways in the preparation of self-initiated and externally triggered movements in humans. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 6029-36	6.6	54
106	Isolated diaphragmatic tremor: is there a spectrum in "respiratory myoclonus"?. <i>Neurology</i> , <b>2007</b> , 69, 689-92	6.5	23
105	Subthalamic nucleus stimulation modulates afferent inhibition in Parkinson disease. <i>Neurology</i> , <b>2007</b> , 68, 356-63	6.5	52
104	Low-frequency repetitive transcranial magnetic stimulation for treatment of levodopa-induced dyskinesias. <i>Neurology</i> , <b>2007</b> , 68, 704-5	6.5	52
103	Interhemispheric inhibition in distal and proximal arm representations in the primary motor cortex. <i>Journal of Neurophysiology</i> , <b>2007</b> , 97, 2511-5	3.2	73
102	Relationship between P50 suppression and the cortical silent period. <i>NeuroReport</i> , <b>2007</b> , 18, 1503-6	1.7	6
101	Changes in cortical and pallidal oscillatory activity during the execution of a sensory trick in patients with cervical dystonia. <i>Experimental Neurology</i> , <b>2007</b> , 204, 845-8	5.7	41
100	Saccade-related potentials recorded from human subthalamic nucleus. <i>Clinical Neurophysiology</i> , <b>2007</b> , 118, 155-63	4.3	28
99	The effects of repetitive transcranial magnetic stimulation on cortical inhibition in healthy human subjects. <i>Experimental Brain Research</i> , <b>2006</b> , 174, 403-12	2.3	169
98	Rapidly progressive sporadic dentatorubral pallidoluysian atrophy with intracytoplasmic inclusions and no CAG repeat expansion. <i>Movement Disorders</i> , <b>2006</b> , 21, 2251-4	7	10
97	Rigidity and spasms from autoimmune encephalomyelopathies: stiff-person syndrome. <i>Muscle and Nerve</i> , <b>2006</b> , 34, 677-90	3.4	98
96	Cortical and spinal abnormalities in psychogenic dystonia. <i>Annals of Neurology</i> , <b>2006</b> , 59, 825-34	9.4	169
95	Multimodal imaging of brain reorganization in motor areas of the contralesional hemisphere of well recovered patients after capsular stroke. <i>Brain</i> , <b>2006</b> , 129, 791-808	11.2	335



94	Changes in motor cortex excitability with stimulation of anterior thalamus in epilepsy. <i>Neurology</i> , <b>2006</b> , 66, 566-71	6.5	58
93	Mirror movements in Parkinson's disease: effect of dopaminergic drugs. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2006</b> , 77, 1194-5	5.5	17
92	Motor cortex plasticity in Parkinson's disease and levodopa-induced dyskinesias. <i>Brain</i> , <b>2006</b> , 129, 1059-69.2	6.2	250
91	Dissociation of thalamic high frequency oscillations and slow component of sensory evoked potentials following damage to ascending pathways. <i>Clinical Neurophysiology</i> , <b>2006</b> , 117, 906-11	4.3	9
90	Cortical plasticity following upper extremity injury and reconstruction. <i>Clinics in Plastic Surgery</i> , <b>2005</b> , 32, 617-34, viii	3	21
89	Interactions between long latency afferent inhibition and interhemispheric inhibitions in the human motor cortex. <i>Journal of Physiology</i> , <b>2005</b> , 563, 915-24	3.9	58
88	Representation of facial muscles in human motor cortex. <i>Journal of Physiology</i> , <b>2005</b> , 567, 323-36	3.9	50
87	Task-dependent intracortical inhibition is impaired in focal hand dystonia. <i>Movement Disorders</i> , <b>2005</b> , 20, 545-51	7	65
86	Effect of low-frequency repetitive transcranial magnetic stimulation on interhemispheric inhibition. <i>Journal of Neurophysiology</i> , <b>2005</b> , 94, 1668-75	3.2	97
85	Changes in cortical excitability with thalamic deep brain stimulation. <i>Neurology</i> , <b>2005</b> , 64, 1913-9	6.5	37
84	Reduced cerebellar inhibition in schizophrenia: a preliminary study. <i>American Journal of Psychiatry</i> , <b>2005</b> , 162, 1203-5	11.9	56
83	Mirror movements in parkinsonism: evaluation of a new clinical sign. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2005</b> , 76, 1355-8	5.5	72
82	Involvement of Subcortical Structures in the Preparation of Self-Paced Movement. <i>Journal of Psychophysiology</i> , <b>2004</b> , 18, 130-139	1	8
81	Very fast oscillations evoked by median nerve stimulation in the human thalamus and subthalamic nucleus. <i>Journal of Neurophysiology</i> , <b>2004</b> , 92, 3171-82	3.2	49
80	Measures of cortical inhibition in health and disease. <i>Supplements To Clinical Neurophysiology</i> , <b>2004</b> , 57, 691-701		4
79	Single pulse stimulation of the human subthalamic nucleus facilitates the motor cortex at short intervals. <i>Journal of Neurophysiology</i> , <b>2004</b> , 92, 1937-43	3.2	44
78	Involvement of human thalamus in the preparation of self-paced movement. <i>Brain</i> , <b>2004</b> , 127, 2717-31	11.2	91
77	Exploring the connectivity between the cerebellum and motor cortex in humans. <i>Journal of Physiology</i> , <b>2004</b> , 557, 689-700	3.9	234

76	Interactions between inhibitory and excitatory circuits in the human motor cortex. <i>Experimental Brain Research</i> , <b>2004</b> , 154, 1-10	2.3	362
75	Somatosensory evoked potentials (SEPs) recorded from deep brain stimulation (DBS) electrodes in the thalamus and subthalamic nucleus (STN). <i>Clinical Neurophysiology</i> , <b>2004</b> , 115, 424-34	4.3	42
74	Subthalamic nucleus and gait disturbance: interactions between basal ganglia and brainstem and spinal pathways?. <i>Neurology</i> , <b>2004</b> , 63, 1150-1	6.5	8
73	Short and long latency afferent inhibition in Parkinson's disease. <i>Brain</i> , <b>2003</b> , 126, 1883-94	11.2	214
72	The cerebellothalamocortical pathway in essential tremor. <i>Neurology</i> , <b>2003</b> , 60, 1985-7	6.5	83
71	Lesions of the periphery and spinal cord <b>2003</b> , 204-230		
70	Effect of antipsychotics on cortical inhibition using transcranial magnetic stimulation. <i>Psychopharmacology</i> , <b>2003</b> , 170, 255-262	4.7	36
69	Two phases of short-interval intracortical inhibition. <i>Experimental Brain Research</i> , <b>2003</b> , 151, 330-7	2.3	180
68	An automated method to determine the transcranial magnetic stimulation-induced contralateral silent period. <i>Clinical Neurophysiology</i> , <b>2003</b> , 114, 938-44	4.3	66
67	Plasticity of the human motor system following muscle reconstruction: a magnetic stimulation and functional magnetic resonance imaging study. <i>Clinical Neurophysiology</i> , <b>2003</b> , 114, 2434-46	4.3	49
66	Constraint-induced therapy in stroke: magnetic-stimulation motor maps and cerebral activation. <i>Neurorehabilitation and Neural Repair</i> , <b>2003</b> , 17, 48-57	4.7	229
65	Organization of ipsilateral excitatory and inhibitory pathways in the human motor cortex. <i>Journal of Neurophysiology</i> , <b>2003</b> , 89, 1256-64	3.2	290
64	Deep brain stimulation for Parkinson's disease: disrupting the disruption. <i>Lancet Neurology</i> , <b>2002</b> , 1, 225-31	24.1	269
63	Rapid modulation of GABA in sensorimotor cortex induced by acute deafferentation. <i>Annals of Neurology</i> , <b>2002</b> , 52, 755-61	9.4	125
62	Effects of apomorphine on flexor reflex and periodic limb movement. <i>Movement Disorders</i> , <b>2002</b> , 17, 594-7	7	19
61	The mechanisms of interhemispheric inhibition in the human motor cortex. <i>Journal of Physiology</i> , <b>2002</b> , 543, 317-26	3.9	330
60	Effects of peripheral sensory input on cortical inhibition in humans. <i>Journal of Physiology</i> , <b>2002</b> , 544, 617-29	3.9	66
59	Evidence for impaired cortical inhibition in schizophrenia using transcranial magnetic stimulation. <i>Archives of General Psychiatry</i> , <b>2002</b> , 59, 347-54		232

58	Transcranial magnetic stimulation: a new investigational and treatment tool in psychiatry. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , <b>2002</b> , 14, 406-15	2.7	60
57	Intensity-dependent effects of 1 Hz rTMS on human corticospinal excitability. <i>Clinical Neurophysiology</i> , <b>2002</b> , 113, 1136-41	4.3	145
56	Combined scalp-thalamic EEG recording in sleep and epilepsy. <i>Clinical Neurophysiology</i> , <b>2002</b> , 113, 1867-9; author reply 1869	4.3	15
55	Nervous system reorganization following injury. <i>Neuroscience</i> , <b>2002</b> , 111, 761-73	3.9	552
54	Chapter 61 Effects of deep brain stimulation for treatment of Parkinson's disease. <i>Supplements To Clinical Neurophysiology</i> , <b>2002</b> , 54, 410-415		
53	Suppression of the motor cortex by magnetic stimulation of the cerebellum. <i>Experimental Brain Research</i> , <b>2001</b> , 140, 505-10	2.3	129
52	Mechanisms underlying human motor system plasticity. <i>Muscle and Nerve</i> , <b>2001</b> , 24, 602-13	3.4	57
51	Interactions between two different inhibitory systems in the human motor cortex. <i>Journal of Physiology</i> , <b>2001</b> , 530, 307-17	3.9	394
50	Potentials recorded at the scalp by stimulation near the human subthalamic nucleus. <i>Clinical Neurophysiology</i> , <b>2001</b> , 112, 431-7	4.3	112
49	Impairment of motor cortex activation and deactivation in Parkinson's disease. <i>Clinical Neurophysiology</i> , <b>2001</b> , 112, 600-7	4.3	71
48	Water diffusion changes in Wallerian degeneration and their dependence on white matter architecture. <i>NeuroImage</i> , <b>2001</b> , 13, 1174-85	7.9	735
47	Observation-execution matching system for speech: a magnetic stimulation study. <i>NeuroReport</i> , <b>2001</b> , 12, 1341-4	1.7	89
46	Studies of human motor physiology with transcranial magnetic stimulation. <i>Muscle and Nerve</i> , <b>2000</b> , 9, S26-32	3.4	194
45	Cutaneomotor integration in humans is somatotopically organized at various levels of the nervous system and is task dependent. <i>Experimental Brain Research</i> , <b>2000</b> , 130, 48-59	2.3	115
44	Facilitatory I wave interaction in proximal arm and lower limb muscle representations of the human motor cortex. <i>Journal of Neurophysiology</i> , <b>2000</b> , 83, 1426-34	3.2	62
43	Long-term follow-up of unilateral pallidotomy in advanced Parkinson's disease. <i>New England Journal of Medicine</i> , <b>2000</b> , 342, 1708-14	59.2	239
42	Comparison of PET [ <sup>15</sup> O]water studies with 6-minute and 10-minute interscan intervals: single-subject and group analyses. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>1999</b> , 19, 570-82	7.3	16
41	Mechanism of the silent period following transcranial magnetic stimulation. Evidence from epidural recordings. <i>Experimental Brain Research</i> , <b>1999</b> , 128, 539-42	2.3	282

40	Modulation of motor cortex excitability by median nerve and digit stimulation. <i>Experimental Brain Research</i> , <b>1999</b> , 129, 77-86	2.3	222
39	Safety of transcranial magnetic stimulation in patients with implanted deep brain stimulators. <i>Movement Disorders</i> , <b>1999</b> , 14, 157-8	7	52
38	Effect of muscle activity immediately after botulinum toxin injection for writer's cramp. <i>Movement Disorders</i> , <b>1999</b> , 14, 307-12	7	57
37	An open trial of clozapine for dystonia. <i>Movement Disorders</i> , <b>1999</b> , 14, 652-7	7	58
36	Cortical reflex myoclonus studied with cortical electrodes. <i>Clinical Neurophysiology</i> , <b>1999</b> , 110, 1521-30	4.3	9
35	The time course of changes in motor cortex excitability associated with voluntary movement. <i>Canadian Journal of Neurological Sciences</i> , <b>1999</b> , 26, 163-9	1	91
34	Inhibitory influence of the ipsilateral motor cortex on responses to stimulation of the human cortex and pyramidal tract. <i>Journal of Physiology</i> , <b>1998</b> , 510 ( Pt 1), 249-59	3.9	191
33	Positron emission tomography [ <sup>15</sup> O]water studies with short interscan interval for single-subject and group analysis: influence of background subtraction. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>1998</b> , 18, 433-43	7.3	16
32	Time course of corticospinal excitability in reaction time and self-paced movements. <i>Annals of Neurology</i> , <b>1998</b> , 44, 317-25	9.4	318
31	Crossed reduction of human motor cortex excitability by 1-Hz transcranial magnetic stimulation. <i>Neuroscience Letters</i> , <b>1998</b> , 250, 141-4	3.3	195
30	Calreticulin: an intracellular Ca <sup>++</sup> -binding protein abundantly expressed and regulated by androgen in prostatic epithelial cells. <i>Endocrinology</i> , <b>1998</b> , 139, 4337-44	4.8	36
29	The role of the human motor cortex in the control of complex and simple finger movement sequences. <i>Brain</i> , <b>1998</b> , 121 ( Pt 9), 1695-709	11.2	127
28	Mechanisms of cortical reorganization in lower-limb amputees. <i>Journal of Neuroscience</i> , <b>1998</b> , 18, 3443-50	6	256
27	Electrophysiological studies in the critical care unit: investigating polyneuropathies. <i>Canadian Journal of Neurological Sciences</i> , <b>1998</b> , 25, S32-5	1	9
26	Focal Dystonia and Repetitive Motion Disorders. <i>Clinical Orthopaedics and Related Research</i> , <b>1998</b> , 351, 102-106	2.2	47
25	Intracortical inhibition and facilitation in different representations of the human motor cortex. <i>Journal of Neurophysiology</i> , <b>1998</b> , 80, 2870-81	3.2	382
24	Studies of neuroplasticity with transcranial magnetic stimulation. <i>Journal of Clinical Neurophysiology</i> , <b>1998</b> , 15, 305-24	2.2	143
23	Stimulation over the human supplementary motor area interferes with the organization of future elements in complex motor sequences. <i>Brain</i> , <b>1997</b> , 120 ( Pt 9), 1587-602	11.2	229

22	Impaired inhibition in writer's cramp during voluntary muscle activation. <i>Neurology</i> , <b>1997</b> , 49, 1054-9	6.5	190
21	Role of the ipsilateral motor cortex in voluntary movement. <i>Canadian Journal of Neurological Sciences</i> , <b>1997</b> , 24, 284-91	1	158
20	Safety of different inter-train intervals for repetitive transcranial magnetic stimulation and recommendations for safe ranges of stimulation parameters. <i>Electroencephalography and Clinical Neurophysiology - Electromyography and Motor Control</i> , <b>1997</b> , 105, 415-21		168
19	Subacute uremic and diabetic polyneuropathy. <i>Muscle and Nerve</i> , <b>1997</b> , 20, 59-64	3.4	27
18	Involvement of the ipsilateral motor cortex in finger movements of different complexities. <i>Annals of Neurology</i> , <b>1997</b> , 41, 247-54	9.4	271
17	Motor neuron disease presenting as acute respiratory failure: electrophysiological studies. <i>Muscle and Nerve</i> , <b>1997</b> , 20, 517-9	3.4	20
16	Seizures in healthy people with repeated "safe" trains of transcranial magnetic stimuli. <i>Lancet, The</i> , <b>1996</b> , 347, 825-6	4.0	70
15	Needle EMG of the human diaphragm: power spectral analysis in normal subjects. <i>Muscle and Nerve</i> , <b>1996</b> , 19, 324-30	3.4	23
14	Lambert-Eaton myasthenic syndrome presenting with severe respiratory failure. <i>Muscle and Nerve</i> , <b>1996</b> , 19, 1328-33	3.4	34
13	The influence of the reference electrode on CMAP configuration: leg nerve observations and an alternative reference site. <i>Muscle and Nerve</i> , <b>1996</b> , 19, 1055-6	3.4	1
12	Motor neuron disease presenting as acute respiratory failure: a clinical and pathological study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>1996</b> , 60, 455-8	5.5	53
11	Respiratory electrophysiological studies in Guillain-Barré syndrome. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>1996</b> , 60, 191-4	5.5	58
10	Prediction of outcome in patients with anoxic coma: a clinical and electrophysiologic study. <i>Critical Care Medicine</i> , <b>1996</b> , 24, 672-8	1.4	150
9	Primary diffuse leptomeningeal oligodendroglioma. Case report. <i>Journal of Neurosurgery</i> , <b>1995</b> , 83, 724-8	3.2	51
8	Electrophysiological study of diaphragmatic myoclonus. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>1995</b> , 58, 480-3	5.5	24
7	Phrenic nerve conduction study in normal subjects. <i>Muscle and Nerve</i> , <b>1995</b> , 18, 330-5	3.4	121
6	Initial enlargement of the opposite pupil as a false localising sign in intraparenchymal frontal haemorrhage. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>1994</b> , 57, 1126-8	5.5	16
5	Immunosuppressive measles encephalitis. <i>Pediatric Neurology</i> , <b>1994</b> , 10, 325-7	2.9	6

4	Large granular lymphoproliferative disease associated with nephrotic syndrome, renal failure and leukoencephalopathy. <i>Leukemia and Lymphoma</i> , <b>1993</b> , 11, 129-33	1.9	6
3	Stimulus-sensitive myoclonus in akinetic-rigid syndromes. <i>Brain</i> , <b>1992</b> , 115 ( Pt 6), 1875-88	11.2	73
2	Calreticulin: An Intracellular Ca <sup>++</sup> -Binding Protein Abundantly Expressed and Regulated by Androgen in Prostatic Epithelial Cells*This work was supported by Boehringer Ingelheim International GmbH, American Cancer Society, Illinois Division Grant 95B8, the Robert H. Lurie Cancer Center Grant 200, NCI 1R21 CA69851D1, a CaPCURE award, and NIH Grant R01-DK-51193.		7
1	Development of a core measurement set for research in degenerative cervical myelopathy: a study protocol (AO Spine RECODE-DCM CMS)		1