

# Robert Chen

## List of Publications by Citations

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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.

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	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
344	Nervous system reorganization following injury. <i>Neuroscience</i> , <b>2002</b> , 111, 761-73	3.9	552
343	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
342	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
341	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
340	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
339	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
338	The mechanisms of interhemispheric inhibition in the human motor cortex. <i>Journal of Physiology</i> , <b>2002</b> , 543, 317-26	3.9	330
337	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
336	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
335	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
334	Definition and classification of hyperkinetic movements in childhood. <i>Movement Disorders</i> , <b>2010</b> , 25, 1538-49	7	275
333	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
332	Deep brain stimulation for Parkinson's disease: disrupting the disruption. <i>Lancet Neurology</i> , <b>2002</b> , 1, 225-31	24.1	269
331	Mechanisms of cortical reorganization in lower-limb amputees. <i>Journal of Neuroscience</i> , <b>1998</b> , 18, 3443-50	5.6	256
330	Motor cortex plasticity in Parkinson's disease and levodopa-induced dyskinesias. <i>Brain</i> , <b>2006</b> , 129, 1059-69	11.2	250
329	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

328	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
327	Evidence for impaired cortical inhibition in schizophrenia using transcranial magnetic stimulation. <i>Archives of General Psychiatry</i> , <b>2002</b> , 59, 347-54		232
326	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
325	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
324	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
323	Short and long latency afferent inhibition in Parkinson's disease. <i>Brain</i> , <b>2003</b> , 126, 1883-94	11.2	214
322	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
321	Studies of human motor physiology with transcranial magnetic stimulation. <i>Muscle and Nerve</i> , <b>2000</b> , 9, S26-32	3.4	194
320	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
319	Impaired inhibition in writer's cramp during voluntary muscle activation. <i>Neurology</i> , <b>1997</b> , 49, 1054-9	6.5	190
318	Two phases of short-interval intracortical inhibition. <i>Experimental Brain Research</i> , <b>2003</b> , 151, 330-7	2.3	180
317	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
316	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
315	Cortical and spinal abnormalities in psychogenic dystonia. <i>Annals of Neurology</i> , <b>2006</b> , 59, 825-34	9.4	169
314	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
313	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
312	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
311	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

310	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, 70S-83S	2.7	158
309	Role of the ipsilateral motor cortex in voluntary movement. <i>Canadian Journal of Neurological Sciences</i> , <b>1997</b> , 24, 284-91	1	158
308	rTMS for suppressing neuropathic pain: a meta-analysis. <i>Journal of Pain</i> , <b>2009</b> , 10, 1205-16	5.2	152
307	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
306	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
305	Intensity-dependent effects of 1 Hz rTMS on human corticospinal excitability. <i>Clinical Neurophysiology</i> , <b>2002</b> , 113, 1136-41	4.3	145
304	Studies of neuroplasticity with transcranial magnetic stimulation. <i>Journal of Clinical Neurophysiology</i> , <b>1998</b> , 15, 305-24	2.2	143
303	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 <sup>4.3</sup>	4.3	130
302	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
301	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
300	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
299	Clinical utility and prospective of TMS-EEG. <i>Clinical Neurophysiology</i> , <b>2019</b> , 130, 802-844	4.3	123
298	Phrenic nerve conduction study in normal subjects. <i>Muscle and Nerve</i> , <b>1995</b> , 18, 330-5	3.4	121
297	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
296	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
295	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
294	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
293	Digit somatotopy within cortical areas of the postcentral gyrus in humans. <i>Cerebral Cortex</i> , <b>2008</b> , 18, 2341-51	5.1	104

292	Dysfunctional neural plasticity in patients with schizophrenia. <i>Archives of General Psychiatry</i> , <b>2008</b> , 65, 378-85		101
291	The nature and time course of cortical activation following subthalamic stimulation in Parkinson's disease. <i>Cerebral Cortex</i> , <b>2010</b> , 20, 1926-36	5.1	100
290	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
289	Rigidity and spasms from autoimmune encephalomyelopathies: stiff-person syndrome. <i>Muscle and Nerve</i> , <b>2006</b> , 34, 677-90	3.4	98
288	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
287	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
286	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
285	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
284	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
283	Involvement of human thalamus in the preparation of self-paced movement. <i>Brain</i> , <b>2004</b> , 127, 2717-31	11.2	91
282	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
281	Involvement of the cerebellothalamocortical pathway in Parkinson disease. <i>Annals of Neurology</i> , <b>2010</b> , 68, 816-24	9.4	90
280	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
279	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
278	Observation-execution matching system for speech: a magnetic stimulation study. <i>NeuroReport</i> , <b>2001</b> , 12, 1341-4	1.7	89
277	Cerebral blood flow changes induced by pedunclopontine 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
276	Interhemispheric and ipsilateral connections in Parkinson's disease: relation to mirror movements. <i>Movement Disorders</i> , <b>2007</b> , 22, 813-21	7	88
275	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

274	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
273	Increased motor cortical facilitation and decreased inhibition in Parkinson disease. <i>Neurology</i> , <b>2013</b> , 80, 1746-53	6.5	84
272	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
271	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
270	The cerebellothalamocortical pathway in essential tremor. <i>Neurology</i> , <b>2003</b> , 60, 1985-7	6.5	83
269	The EEG correlates of the TMS-induced EMG silent period in humans. <i>NeuroImage</i> , <b>2013</b> , 83, 120-34	7.9	80
268	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
267	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
266	Potentiation 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
265	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
264	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
263	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
262	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
261	Unilateral subdural motor cortex stimulation improves essential tremor but not Parkinson disease. <i>Brain</i> , <b>2011</b> , 134, 2096-105	11.2	73
260	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
259	Stimulus-sensitive myoclonus in akinetic-rigid syndromes. <i>Brain</i> , <b>1992</b> , 115 ( Pt 6), 1875-88	11.2	73
258	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
257	Impairments of speed and amplitude of movement in Parkinson disease: a pilot study. <i>Movement Disorders</i> , <b>2009</b> , 24, 1001-8	7	71

256	Impairment of motor cortex activation and deactivation in Parkinson's disease. <i>Clinical Neurophysiology</i> , <b>2001</b> , 112, 600-7	4.3	71
255	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
254	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
253	Increased cortical inhibition in persons with schizophrenia treated with clozapine. <i>Journal of Psychopharmacology</i> , <b>2008</b> , 22, 203-9	4.6	69
252	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
251	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
250	Effects of peripheral sensory input on cortical inhibition in humans. <i>Journal of Physiology</i> , <b>2002</b> , 544, 617-29	3.9	66
249	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
248	Task-dependent intracortical inhibition is impaired in focal hand dystonia. <i>Movement Disorders</i> , <b>2005</b> , 20, 545-51	7	65
247	Cortical plasticity following nerve transfer in the upper extremity. <i>Hand Clinics</i> , <b>2008</b> , 24, 425-44, vi-vii	1.7	64
246	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
245	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
244	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
243	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
242	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
241	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
240	Changes in motor cortex excitability with stimulation of anterior thalamus in epilepsy. <i>Neurology</i> , <b>2006</b> , 66, 566-71	6.5	58
239	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



238	An open trial of clozapine for dystonia. <i>Movement Disorders</i> , <b>1999</b> , 14, 652-7	7	58
237	Respiratory electrophysiological studies in Guillain-Barré syndrome. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>1996</b> , 60, 191-4	5.5	58
236	Mechanisms underlying human motor system plasticity. <i>Muscle and Nerve</i> , <b>2001</b> , 24, 602-13	3.4	57
235	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
234	Impaired presynaptic inhibition in the motor cortex in Parkinson disease. <i>Neurology</i> , <b>2009</b> , 72, 842-9	6.5	56
233	Reduced cerebellar inhibition in schizophrenia: a preliminary study. <i>American Journal of Psychiatry</i> , <b>2005</b> , 162, 1203-5	11.9	56
232	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
231	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
230	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
229	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
228	Subthalamic nucleus stimulation modulates afferent inhibition in Parkinson disease. <i>Neurology</i> , <b>2007</b> , 68, 356-63	6.5	52
227	Low-frequency repetitive transcranial magnetic stimulation for treatment of levodopa-induced dyskinesias. <i>Neurology</i> , <b>2007</b> , 68, 704-5	6.5	52
226	Safety of transcranial magnetic stimulation in patients with implanted deep brain stimulators. <i>Movement Disorders</i> , <b>1999</b> , 14, 157-8	7	52
225	Primary diffuse leptomeningeal oligodendroglioma. Case report. <i>Journal of Neurosurgery</i> , <b>1995</b> , 83, 724-8	3.2	51
224	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
223	Representation of facial muscles in human motor cortex. <i>Journal of Physiology</i> , <b>2005</b> , 567, 323-36	3.9	50
222	Motor cortical plasticity in Parkinson's disease. <i>Frontiers in Neurology</i> , <b>2013</b> , 4, 128	4.1	49
221	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



220	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
219	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
218	Evidence for inhibitory deficits in the prefrontal cortex in schizophrenia. <i>Brain</i> , <b>2015</b> , 138, 483-97	11.2	48
217	Subthalamic deep brain stimulation at individualized frequencies for Parkinson disease. <i>Neurology</i> , <b>2012</b> , 78, 1930-8	6.5	48
216	Cortical Plasticity Induction by Pairing Subthalamic Nucleus Deep-Brain Stimulation and Primary Motor Cortical Transcranial Magnetic Stimulation in Parkinson Disease. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 396-404	6.6	47
215	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
214	Bi-directional interhemispheric inhibition during unimanual sustained contractions. <i>BMC Neuroscience</i> , <b>2009</b> , 10, 31	3.2	47
213	Focal Dystonia and Repetitive Motion Disorders. <i>Clinical Orthopaedics and Related Research</i> , <b>1998</b> , 351, 102-106	2.2	47
212	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
211	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
210	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
209	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
208	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
207	Myoclonus: Pathophysiology and Treatment Options. <i>Current Treatment Options in Neurology</i> , <b>2016</b> , 18, 21	4.4	41
206	Impaired interhemispheric inhibition in writer's cramp. <i>Neurology</i> , <b>2010</b> , 75, 441-7	6.5	40
205	Repetitive transcranial magnetic stimulation of the primary motor cortex in the treatment of motor signs in Parkinson disease: A quantitative review of the literature. <i>Movement Disorders</i> , <b>2015</b> , 30, 750-87		39
204	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
203	Augmenting Plasticity Induction in Human Motor Cortex by Disinhibition Stimulation. <i>Cerebral Cortex</i> , <b>2016</b> , 26, 58-69	5.1	38

202	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
201	Determining optimal rTMS parameters through changes in cortical inhibition. <i>Clinical Neurophysiology</i> , <b>2014</b> , 125, 755-762	4.3	37
200	Changes in cortical excitability with thalamic deep brain stimulation. <i>Neurology</i> , <b>2005</b> , 64, 1913-9	6.5	37
199	Pallidal deep brain stimulation modulates cortical excitability and plasticity. <i>Annals of Neurology</i> , <b>2018</b> , 83, 352-362	9.4	36
198	Associated movement disorders in orthostatic tremor. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2012</b> , 83, 725-9	5.5	36
197	Neurocardiogenic syncope complicating pediatric transcranial magnetic stimulation. <i>Pediatric Neurology</i> , <b>2008</b> , 39, 196-7	2.9	36
196	Effect of antipsychotics on cortical inhibition using transcranial magnetic stimulation. <i>Psychopharmacology</i> , <b>2003</b> , 170, 255-262	4.7	36
195	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
194	Dysfunction in emotion processing underlies functional (psychogenic) dystonia. <i>Movement Disorders</i> , <b>2018</b> , 33, 136-145	7	36
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