

Mark Hallett

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425
papers

44,924
citations

104
h-index

205
g-index

561
ext. papers

51,736
ext. citations

6.1
avg, IF

7.83
L-index

#	Paper	IF	Citations
425	Safety, ethical considerations, and application guidelines for the use of transcranial magnetic stimulation in clinical practice and research. <i>Clinical Neurophysiology</i> , 2009 , 120, 2008-2039	4.3	3446
424	Depression of motor cortex excitability by low-frequency transcranial magnetic stimulation. <i>Neurology</i> , 1997 , 48, 1398-403	6.5	1622
423	Non-invasive electrical and magnetic stimulation of the brain, spinal cord, roots and peripheral nerves: Basic principles and procedures for routine clinical and research application. An updated report from an I.F.C.N. Committee. <i>Clinical Neurophysiology</i> , 2015 , 126, 1071-1107	4.3	1326
422	Phenomenology and classification of dystonia: a consensus update. <i>Movement Disorders</i> , 2013 , 28, 863-73		1217
421	Transcranial magnetic stimulation and the human brain. <i>Nature</i> , 2000 , 406, 147-50	50.4	1086
420	Responses to rapid-rate transcranial magnetic stimulation of the human motor cortex. <i>Brain</i> , 1994 , 117 (Pt 4), 847-58	11.2	1059
419	Transcranial magnetic stimulation: a primer. <i>Neuron</i> , 2007 , 55, 187-99	13.9	1054
418	Modulation of muscle responses evoked by transcranial magnetic stimulation during the acquisition of new fine motor skills. <i>Journal of Neurophysiology</i> , 1995 , 74, 1037-45	3.2	987
417	Activation of the primary visual cortex by Braille reading in blind subjects. <i>Nature</i> , 1996 , 380, 526-8	50.4	973
416	Rapid plasticity of human cortical movement representation induced by practice. <i>Journal of Neurophysiology</i> , 1998 , 79, 1117-23	3.2	875
415	Functional relevance of cross-modal plasticity in blind humans. <i>Nature</i> , 1997 , 389, 180-3	50.4	792
414	What is the Bereitschaftspotential?. <i>Clinical Neurophysiology</i> , 2006 , 117, 2341-56	4.3	760
413	Freezing of gait: moving forward on a mysterious clinical phenomenon. <i>Lancet Neurology</i> , 2011 , 10, 734-44	24.1	730
412	Early consolidation in human primary motor cortex. <i>Nature</i> , 2002 , 415, 640-4	50.4	627
411	A physiological mechanism of bradykinesia. <i>Brain</i> , 1980 , 103, 301-14	11.2	554
410	Consensus Statement on the classification of tremors. from the task force on tremor of the International Parkinson and Movement Disorder Society. <i>Movement Disorders</i> , 2018 , 33, 75-87	7	504
409	Functional properties of brain areas associated with motor execution and imagery. <i>Journal of Neurophysiology</i> , 2003 , 89, 989-1002	3.2	501

408	The cerebellum in Parkinson's disease. <i>Brain</i> , 2013 , 136, 696-709	11.2	427
407	Noninvasive mapping of muscle representations in human motor cortex. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1992 , 85, 1-8		408
406	Motor planning, imagery, and execution in the distributed motor network: a time-course study with functional MRI. <i>Cerebral Cortex</i> , 2008 , 18, 2775-88	5.1	371
405	A functional MRI study of automatic movements in patients with Parkinson's disease. <i>Brain</i> , 2005 , 128, 2250-9	11.2	367
404	Repetitive transcranial magnetic stimulation-induced corticomotor excitability and associated motor skill acquisition in chronic stroke. <i>Stroke</i> , 2006 , 37, 1471-6	6.7	364
403	Modality-specific frontal and parietal areas for auditory and visual spatial localization in humans. <i>Nature Neuroscience</i> , 1999 , 2, 759-66	25.5	361
402	Role of the human motor cortex in rapid motor learning. <i>Experimental Brain Research</i> , 2001 , 136, 431-8	2.3	354
401	Mechanisms of deafferentation-induced plasticity in human motor cortex. <i>Journal of Neuroscience</i> , 1998 , 18, 7000-7	6.6	343
400	Sensorimotor gating in boys with Tourette's syndrome and ADHD: preliminary results. <i>Biological Psychiatry</i> , 1996 , 39, 33-41	7.9	342
399	Abnormal somatosensory homunculus in dystonia of the hand. <i>Annals of Neurology</i> , 1998 , 44, 828-31	9.4	336
398	Multimodal imaging of brain reorganization in motor areas of the contralesional hemisphere of well recovered patients after capsular stroke. <i>Brain</i> , 2006 , 129, 791-808	11.2	335
397	Effects of coil design on delivery of focal magnetic stimulation. Technical considerations. <i>Electroencephalography and Clinical Neurophysiology</i> , 1990 , 75, 350-7		330
396	Cerebral causes and consequences of parkinsonian resting tremor: a tale of two circuits?. <i>Brain</i> , 2012 , 135, 3206-26	11.2	327
395	Modulation of motor cortical outputs to the reading hand of braille readers. <i>Annals of Neurology</i> , 1993 , 34, 33-7	9.4	327
394	Neural correlates of tic generation in Tourette syndrome: an event-related functional MRI study. <i>Brain</i> , 2006 , 129, 2029-37	11.2	325
393	Time course of corticospinal excitability in reaction time and self-paced movements. <i>Annals of Neurology</i> , 1998 , 44, 317-25	9.4	318
392	Transcranial magnetic stimulation of deep brain regions: evidence for efficacy of the H-coil. <i>Clinical Neurophysiology</i> , 2005 , 116, 775-9	4.3	312
391	Human corticospinal excitability evaluated with transcranial magnetic stimulation during different reaction time paradigms. <i>Brain</i> , 2000 , 123 (Pt 6), 1161-73	11.2	309

390	Symptomatic and essential palatal tremor. 1. Clinical, physiological and MRI analysis. <i>Brain</i> , 1994 , 117 (Pt 4), 775-88	11.2	307
389	The functional neuroanatomy of simple and complex sequential finger movements: a PET study. <i>Brain</i> , 1998 , 121 (Pt 2), 253-64	11.2	301
388	Practice guideline update summary: Botulinum neurotoxin for the treatment of blepharospasm, cervical dystonia, adult spasticity, and headache: Report of the Guideline Development Subcommittee of the American Academy of Neurology. <i>Neurology</i> , 2016 , 86, 1818-26	6.5	291
387	The relative metabolic demand of inhibition and excitation. <i>Nature</i> , 2000 , 406, 995-8	50.4	272
386	Involvement of the ipsilateral motor cortex in finger movements of different complexities. <i>Annals of Neurology</i> , 1997 , 41, 247-54	9.4	271
385	Rapid modulation of human cortical motor outputs following ischaemic nerve block. <i>Brain</i> , 1993 , 116 (Pt 3), 511-25	11.2	264
384	Emerging concepts in the physiological basis of dystonia. <i>Movement Disorders</i> , 2013 , 28, 958-67	7	258
383	Plasticity of the human motor cortex and recovery from stroke. <i>Brain Research Reviews</i> , 2001 , 36, 169-74		257
382	Neurophysiology of dystonia: The role of inhibition. <i>Neurobiology of Disease</i> , 2011 , 42, 177-84	7.5	255
381	Current Concepts in Diagnosis and Treatment of Functional Neurological Disorders. <i>JAMA Neurology</i> , 2018 , 75, 1132-1141	17.2	252
380	Emotional stimuli and motor conversion disorder. <i>Brain</i> , 2010 , 133, 1526-36	11.2	239
379	Sensory aspects of movement disorders. <i>Lancet Neurology</i> , 2014 , 13, 100-12	24.1	236
378	Stimulation over the human supplementary motor area interferes with the organization of future elements in complex motor sequences. <i>Brain</i> , 1997 , 120 (Pt 9), 1587-602	11.2	229
377	The involuntary nature of conversion disorder. <i>Neurology</i> , 2010 , 74, 223-8	6.5	220
376	Contribution of the ipsilateral motor cortex to recovery after chronic stroke. <i>Annals of Neurology</i> , 2003 , 54, 464-72	9.4	208
375	Disturbed surround inhibition in focal hand dystonia. <i>Annals of Neurology</i> , 2004 , 56, 595-9	9.4	192
374	Frequency-dependent changes of regional cerebral blood flow during finger movements. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1996 , 16, 23-33	7.3	192
373	Cortical reflex myoclonus. <i>Neurology</i> , 1979 , 29, 1107-25	6.5	192

372	Inhibitory influence of the ipsilateral motor cortex on responses to stimulation of the human cortex and pyramidal tract. <i>Journal of Physiology</i> , 1998 , 510 (Pt 1), 249-59	3.9	191
371	Impaired inhibition in writer's cramp during voluntary muscle activation. <i>Neurology</i> , 1997 , 49, 1054-9	6.5	190
370	Consensus Paper: Revisiting the Symptoms and Signs of Cerebellar Syndrome. <i>Cerebellum</i> , 2016 , 15, 369-91	4.3	189
369	Physiology of basal ganglia disorders: an overview. <i>Canadian Journal of Neurological Sciences</i> , 1993 , 20, 177-83	1	186
368	The neurophysiology of dystonia. <i>Archives of Neurology</i> , 1998 , 55, 601-3		178
367	Postexercise depression of motor evoked potentials: a measure of central nervous system fatigue. <i>Experimental Brain Research</i> , 1993 , 93, 181-4	2.3	174
366	A mismatch between kinesthetic and visual perception in Parkinson's disease. <i>Annals of Neurology</i> , 1997 , 41, 781-8	9.4	172
365	Impaired brain GABA in focal dystonia. <i>Annals of Neurology</i> , 2002 , 51, 93-101	9.4	172
364	Electrophysiological studies of myoclonus. <i>Muscle and Nerve</i> , 2005 , 31, 157-74	3.4	171
363	Motor automaticity in Parkinson's disease. <i>Neurobiology of Disease</i> , 2015 , 82, 226-234	7.5	169
362	Placebo-controlled study of rTMS for the treatment of Parkinson's disease. <i>Movement Disorders</i> , 2006 , 21, 325-31	7	168
361	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
360	Reticular reflex myoclonus: a physiological type of human post-hypoxic myoclonus. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1977 , 40, 253-64	5.5	159
359	Role of the ipsilateral motor cortex in voluntary movement. <i>Canadian Journal of Neurological Sciences</i> , 1997 , 24, 284-91	1	158
358	The role of the dorsolateral prefrontal cortex in implicit procedural learning. <i>Experimental Brain Research</i> , 1996 , 107, 479-85	2.3	151
357	Sensory training for patients with focal hand dystonia. <i>Annals of Neurology</i> , 2002 , 51, 593-8	9.4	148
356	Volitional control of movement: the physiology of free will. <i>Clinical Neurophysiology</i> , 2007 , 118, 1179-92	4.3	146
355	Psychopathology and psychogenic movement disorders. <i>Movement Disorders</i> , 2011 , 26, 1844-50	7	145

354	Aberrant supplementary motor complex and limbic activity during motor preparation in motor conversion disorder. <i>Movement Disorders</i> , 2011 , 26, 2396-403	7	145
353	Surround inhibition in human motor system. <i>Experimental Brain Research</i> , 2004 , 158, 397-404	2.3	143
352	Responses to paired transcranial magnetic stimuli in resting, active, and recently activated muscles. <i>Experimental Brain Research</i> , 1996 , 109, 158-63	2.3	143
351	The focal dystonias: current views and challenges for future research. <i>Movement Disorders</i> , 2013 , 28, 926-43	7	142
350	Changes in brain anatomy in focal hand dystonia. <i>Annals of Neurology</i> , 2004 , 55, 736-9	9.4	141
349	Widespread abnormality of the GABAergic system in Tourette syndrome. <i>Brain</i> , 2012 , 135, 1926-36	11.2	139
348	Short intracortical and surround inhibition are selectively reduced during movement initiation in focal hand dystonia. <i>Journal of Neuroscience</i> , 2008 , 28, 10363-9	6.6	138
347	Sensory discrimination capabilities in patients with focal hand dystonia. <i>Annals of Neurology</i> , 2000 , 47, 377-380	9.4	137
346	Update on blepharospasm: report from the BEBRF International Workshop. <i>Neurology</i> , 2008 , 71, 1275-82.5	8.5	136
345	Neural correlates of dual task performance in patients with Parkinson's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008 , 79, 760-6	5.5	135
344	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
343	Treatment of focal dystonias of the hand with botulinum toxin injections. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1989 , 52, 355-63	5.5	128
342	Central fatigue as revealed by postexercise decrement of motor evoked potentials. <i>Muscle and Nerve</i> , 1994 , 17, 713-9	3.4	126
341	Current Opinions and Areas of Consensus on the Role of the Cerebellum in Dystonia. <i>Cerebellum</i> , 2017 , 16, 577-594	4.3	125
340	The neural processes underlying self-agency. <i>Cerebral Cortex</i> , 2011 , 21, 48-55	5.1	125
339	Drooling in Parkinson's disease: a review. <i>Parkinsonism and Related Disorders</i> , 2014 , 20, 1109-18	3.6	124
338	Neuronal activity in the basal ganglia and thalamus in patients with dystonia. <i>Clinical Neurophysiology</i> , 2004 , 115, 2542-57	4.3	121
337	Blepharospasm: recent advances. <i>Neurology</i> , 2002 , 59, 1306-12	6.5	119

336	Physiology of freezing of gait. <i>Annals of Neurology</i> , 2016 , 80, 644-659	9.4	118
335	The role of posterior parietal cortex in visually guided reaching movements in humans. <i>Experimental Brain Research</i> , 1997 , 114, 170-83	2.3	118
334	Asymmetric spatiotemporal patterns of event-related desynchronization preceding voluntary sequential finger movements: a high-resolution EEG study. <i>Clinical Neurophysiology</i> , 2005 , 116, 1213-21	4.3	117
333	Physiology of psychogenic movement disorders. <i>Journal of Clinical Neuroscience</i> , 2010 , 17, 959-65	2.2	116
332	Surround inhibition in the motor system. <i>Experimental Brain Research</i> , 2011 , 210, 165-72	2.3	114
331	Accelerometry to distinguish psychogenic from essential or parkinsonian tremor. <i>Neurology</i> , 2003 , 61, 548-50	6.5	113
330	Excitability of the ipsilateral motor cortex during phasic voluntary hand movement. <i>Experimental Brain Research</i> , 2003 , 148, 176-85	2.3	113
329	Gluten sensitivity in sporadic and hereditary cerebellar ataxia. <i>Annals of Neurology</i> , 2001 , 49, 540-543	9.4	113
328	Event-related desynchronization in reaction time paradigms: a comparison with event-related potentials and corticospinal excitability. <i>Clinical Neurophysiology</i> , 2001 , 112, 923-30	4.3	113
327	Evaluation of essential tremor with multi-voxel magnetic resonance spectroscopy. <i>Neurology</i> , 2003 , 60, 1344-7	6.5	112
326	The role of the dorsal stream for gesture production. <i>NeuroImage</i> , 2006 , 29, 417-28	7.9	111
325	Effect of volitional inhibition on cortical inhibitory mechanisms. <i>Journal of Neurophysiology</i> , 2002 , 88, 333-8	3.2	111
324	Timing of activity in early visual cortex as revealed by transcranial magnetic stimulation. <i>NeuroReport</i> , 1999 , 10, 2631-4	1.7	110
323	Regional cerebral blood flow correlates of the severity of writer's cramp symptoms. <i>NeuroImage</i> , 2004 , 21, 904-13	7.9	104
322	Tremor: pathophysiology. <i>Parkinsonism and Related Disorders</i> , 2014 , 20 Suppl 1, S118-22	3.6	101
321	A theoretical calculation of the electric field induced by magnetic stimulation of a peripheral nerve. <i>Muscle and Nerve</i> , 1990 , 13, 734-41	3.4	98
320	Physiological abnormalities in hereditary hyperekplexia. <i>Annals of Neurology</i> , 1992 , 32, 41-50	9.4	96
319	Pathophysiology of writer's cramp. <i>Human Movement Science</i> , 2006 , 25, 454-63	2.4	95

318	Reliability of a new scale for essential tremor. <i>Movement Disorders</i> , 2012 , 27, 1567-9	7	94
317	Focal white matter changes in spasmodic dysphonia: a combined diffusion tensor imaging and neuropathological study. <i>Brain</i> , 2008 , 131, 447-59	11.2	94
316	Neurobiology of the Premonitory Urge in Tourette's Syndrome: Pathophysiology and Treatment Implications. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2017 , 29, 95-104	2.7	90
315	Simple reaction time to focal transcranial magnetic stimulation. Comparison with reaction time to acoustic, visual and somatosensory stimuli. <i>Brain</i> , 1992 , 115 Pt 1, 109-22	11.2	90
314	Impaired self-agency in functional movement disorders: A resting-state fMRI study. <i>Neurology</i> , 2016 , 87, 564-70	6.5	89
313	Neuroimaging of neuronal circuits involved in tic generation in patients with Tourette syndrome. <i>Neurology</i> , 2007 , 68, 1979-87	6.5	89
312	Motor training as treatment in focal hand dystonia. <i>Movement Disorders</i> , 2005 , 20, 335-41	7	89
311	Essential Tremor. <i>New England Journal of Medicine</i> , 2018 , 378, 1802-1810	59.2	88
310	Involvement of insula and cingulate cortices in control and suppression of natural urges. <i>Cerebral Cortex</i> , 2009 , 19, 218-23	5.1	86
309	Sensory sensitivity to external stimuli in Tourette syndrome patients. <i>Movement Disorders</i> , 2011 , 26, 2538-43	7	85
308	Physiologic studies of spinal inhibitory circuits in patients with stiff-person syndrome. <i>Neurology</i> , 1998 , 51, 85-93	6.5	84
307	Contribution of transcranial magnetic stimulation to assessment of brain connectivity and networks. <i>Clinical Neurophysiology</i> , 2017 , 128, 2125-2139	4.3	83
306	Effective connectivity of neural networks in automatic movements in Parkinson's disease. <i>NeuroImage</i> , 2010 , 49, 2581-7	7.9	82
305	Pathophysiology of dystonia. <i>Journal of Neural Transmission Supplementum</i> , 2006 , 485-8		82
304	Cortical tremor. A common manifestation of cortical myoclonus. <i>Neurology</i> , 1993 , 43, 2346-53	6.5	82
303	Two periods of processing in the (circum)striate visual cortex as revealed by transcranial magnetic stimulation. <i>Neuropsychologia</i> , 1999 , 37, 137-45	3.2	80
302	Simple motor tics may be preceded by a premotor potential. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1996 , 61, 103-6	5.5	80
301	A functional magnetic resonance imaging study of cortical regions associated with motor task execution and motor ideation in humans. <i>Human Brain Mapping</i> , 1995 , 3, 83-92	5.9	80

300	Myoclonus: relation to epilepsy. <i>Epilepsia</i> , 1985 , 26 Suppl 1, S67-77	6.4	80
299	Disordered plasticity in the primary somatosensory cortex in focal hand dystonia. <i>Brain</i> , 2009 , 132, 749-551.2	5.2	78
298	Modifications of the interactions in the motor networks when a movement becomes automatic. <i>Journal of Physiology</i> , 2008 , 586, 4295-304	3.9	78
297	Blepharospasm 40 years later. <i>Movement Disorders</i> , 2017 , 32, 498-509	7	77
296	Impaired intracortical inhibition in the primary somatosensory cortex in focal hand dystonia. <i>Movement Disorders</i> , 2008 , 23, 558-65	7	77
295	Tourette Syndrome: Update. <i>Brain and Development</i> , 2015 , 37, 651-5	2.2	76
294	The intrinsic and extrinsic aspects of freezing of gait. <i>Movement Disorders</i> , 2008 , 23 Suppl 2, S439-43	7	76
293	Resetting of essential tremor and postural tremor in Parkinson's disease with transcranial magnetic stimulation. <i>Muscle and Nerve</i> , 1994 , 17, 800-7	3.4	76
292	Sensory training as treatment for focal hand dystonia: a 1-year follow-up. <i>Movement Disorders</i> , 2003 , 18, 1044-7	7	75
291	Pathogenesis and pathophysiology of functional (psychogenic) movement disorders. <i>Neurobiology of Disease</i> , 2019 , 127, 32-44	7.5	73
290	The timing of the conscious intention to move. <i>European Journal of Neuroscience</i> , 2008 , 28, 2344-51	3.5	73
289	Movement-related electroencephalographic desynchronization in patients with hand cramps: Evidence for motor cortical involvement in focal dystonia. <i>Annals of Neurology</i> , 2000 , 47, 456-461	9.4	73
288	Attention to Automatic Movements in Parkinson's Disease: Modified Automatic Mode in the Striatum. <i>Cerebral Cortex</i> , 2015 , 25, 3330-42	5.1	72
287	Parkinson's disease as a system-level disorder. <i>Npj Parkinsons Disease</i> , 2016 , 2, 16025	9.7	72
286	Parkinson's disease tremor: pathophysiology. <i>Parkinsonism and Related Disorders</i> , 2012 , 18 Suppl 1, S85-9.6	9.6	69
285	Psychogenic movement disorders: a crisis for neurology. <i>Current Neurology and Neuroscience Reports</i> , 2006 , 6, 269-71	6.6	67
284	Overview of human tremor physiology. <i>Movement Disorders</i> , 1998 , 13 Suppl 3, 43-8	7	65
283	Synchronization of parietal and premotor areas during preparation and execution of praxis hand movements. <i>Clinical Neurophysiology</i> , 2005 , 116, 1382-90	4.3	65

282	Task-dependent intracortical inhibition is impaired in focal hand dystonia. <i>Movement Disorders</i> , 2005 , 20, 545-51	7	65
281	International Federation of Clinical Neurophysiology (IFCN) - EEG research workgroup: Recommendations on frequency and topographic analysis of resting state EEG rhythms. Part 1: Applications in clinical research studies. <i>Clinical Neurophysiology</i> , 2020 , 131, 285-307	4.3	64
280	Transcranial magnetic brain stimulation modulates blepharospasm: a randomized controlled study. <i>Neurology</i> , 2010 , 75, 1465-71	6.5	63
279	Temporal activation pattern of parietal and premotor areas related to praxis movements. <i>Clinical Neurophysiology</i> , 2005 , 116, 1201-12	4.3	63
278	Tricks in dystonia: ordering the complexity. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014 , 85, 987-93	5.5	62
277	Functional (psychogenic) movement disorders - Clinical presentations. <i>Parkinsonism and Related Disorders</i> , 2016 , 22 Suppl 1, S149-52	3.6	61
276	Pilot trial of 1-octanol in essential tremor. <i>Neurology</i> , 2004 , 62, 122-4	6.5	59
275	Impaired sense of agency in functional movement disorders: An fMRI study. <i>PLoS ONE</i> , 2017 , 12, e0172507	5.7	59
274	Camptocormia in Parkinson's disease: definition, epidemiology, pathogenesis and treatment modalities. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016 , 87, 75-85	5.5	58
273	Neural correlates of blink suppression and the buildup of a natural bodily urge. <i>NeuroImage</i> , 2012 , 59, 1441-50	7.9	58
272	Development and validation of a clinical guideline for diagnosing blepharospasm. <i>Neurology</i> , 2013 , 81, 236-40	6.5	58
271	An open trial of clozapine for dystonia. <i>Movement Disorders</i> , 1999 , 14, 652-7	7	58
270	Increased midbrain gray matter in Tourette's syndrome. <i>Annals of Neurology</i> , 2006 , 59, 381-5	9.4	57
269	Effect of muscle activity immediately after botulinum toxin injection for writer's cramp. <i>Movement Disorders</i> , 1999 , 14, 307-12	7	57
268	The nature of postural tremor in Parkinson disease. <i>Neurology</i> , 2018 , 90, e1095-e1103	6.5	56
267	Abnormal striatal dopaminergic neurotransmission during rest and task production in spasmodic dysphonia. <i>Journal of Neuroscience</i> , 2013 , 33, 14705-14	6.6	56
266	Long-term follow-up of botulinum toxin therapy for focal hand dystonia: outcome at 10 years or more. <i>Movement Disorders</i> , 2011 , 26, 750-3	7	56
265	Treatment of focal dystonias with botulinum neurotoxin. <i>Toxicon</i> , 2009 , 54, 628-33	2.8	55

264	Surround inhibition depends on the force exerted and is abnormal in focal hand dystonia. <i>Journal of Applied Physiology</i> , 2009 , 107, 1513-8	3.7	55
263	Explanation as treatment for functional neurologic disorders. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2016 , 139, 543-553	3	54
262	Cortical magnetic and electric fields associated with voluntary finger movements. <i>Brain Topography</i> , 1994 , 6, 175-83	4.3	52
261	Compensation Strategies for Gait Impairments in Parkinson Disease: A Review. <i>JAMA Neurology</i> , 2019 , 76, 718-725	17.2	51
260	Role of the sensorimotor cortex in Tourette syndrome using multimodal imaging. <i>Human Brain Mapping</i> , 2014 , 35, 5834-46	5.9	51
259	Cortical control of voluntary blinking: a transcranial magnetic stimulation study. <i>Clinical Neurophysiology</i> , 2004 , 115, 341-7	4.3	51
258	Action-effect binding is decreased in motor conversion disorder: implications for sense of agency. <i>Movement Disorders</i> , 2013 , 28, 1110-6	7	50
257	Assessing the role of DRD5 and DYT1 in two different case-control series with primary blepharospasm. <i>Movement Disorders</i> , 2007 , 22, 162-6	7	50
256	Evolving concepts on bradykinesia. <i>Brain</i> , 2020 , 143, 727-750	11.2	50
255	Trial of magnetic resonance-guided putaminal gene therapy for advanced Parkinson's disease. <i>Movement Disorders</i> , 2019 , 34, 1073-1078	7	48
254	How to assess motor impairment in writer's cramp. <i>Movement Disorders</i> , 2007 , 22, 1102-9	7	48
253	Regional cerebral blood flow changes in motor cortical areas after transient anesthesia of the forearm. <i>Annals of Neurology</i> , 1995 , 37, 74-81	9.4	48
252	Proton magnetic resonance spectroscopic imaging in patients with cerebellar degeneration. <i>Annals of Neurology</i> , 1996 , 39, 71-8	9.4	46
251	Personality traits in psychogenic nonepileptic seizures (PNES) and psychogenic movement disorder (PMD): Neuroticism and perfectionism. <i>Journal of Psychosomatic Research</i> , 2017 , 97, 23-29	4.1	45
250	Neural correlates underlying micrographia in Parkinson's disease. <i>Brain</i> , 2016 , 139, 144-60	11.2	45
249	Restless legs syndrome and pregnancy: a review. <i>Parkinsonism and Related Disorders</i> , 2014 , 20, 716-22	3.6	44
248	Mapping different intra-hemispheric parietal-motor networks using twin Coil TMS. <i>Brain Stimulation</i> , 2013 , 6, 384-9	5.1	44
247	Non-invasive brain stimulation for Parkinson's disease: Current concepts and outlook 2015. <i>NeuroRehabilitation</i> , 2015 , 37, 11-24	2	44

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