

# Mark Hallett

## 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.

367 papers	50,678 citations	122 h-index	221 g-index
387 ext. papers	57,462 ext. citations	6.7 avg, IF	7.79 L-index

#	Paper	IF	Citations
367	Safety, ethical considerations, and application guidelines for the use of transcranial magnetic stimulation in clinical practice and research. <i>Clinical Neurophysiology</i> , <b>2009</b> , 120, 2008-2039	4.3	3446
366	Phenomenology and classification of dystonia: a consensus update. <i>Movement Disorders</i> , <b>2013</b> , 28, 863-73	7.3	1217
365	Identifying true brain interaction from EEG data using the imaginary part of coherency. <i>Clinical Neurophysiology</i> , <b>2004</b> , 115, 2292-307	4.3	1124
364	Transcranial magnetic stimulation and the human brain. <i>Nature</i> , <b>2000</b> , 406, 147-50	50.4	1086
363	Responses to rapid-rate transcranial magnetic stimulation of the human motor cortex. <i>Brain</i> , <b>1994</b> , 117 ( Pt 4), 847-58	11.2	1059
362	Transcranial magnetic stimulation: a primer. <i>Neuron</i> , <b>2007</b> , 55, 187-99	13.9	1054
361	Activation of the primary visual cortex by Braille reading in blind subjects. <i>Nature</i> , <b>1996</b> , 380, 526-8	50.4	973
360	Rapid plasticity of human cortical movement representation induced by practice. <i>Journal of Neurophysiology</i> , <b>1998</b> , 79, 1117-23	3.2	875
359	Functional relevance of cross-modal plasticity in blind humans. <i>Nature</i> , <b>1997</b> , 389, 180-3	50.4	792
358	What is the Bereitschaftspotential?. <i>Clinical Neurophysiology</i> , <b>2006</b> , 117, 2341-56	4.3	760
357	Freezing of gait: moving forward on a mysterious clinical phenomenon. <i>Lancet Neurology</i> , <b>2011</b> , 10, 734-44	24.1	730
356	Daily repetitive transcranial magnetic stimulation (rTMS) improves mood in depression. <i>NeuroReport</i> , <b>1995</b> , 6, 1853-6	1.7	678
355	Early consolidation in human primary motor cortex. <i>Nature</i> , <b>2002</b> , 415, 640-4	50.4	627
354	A physiological mechanism of bradykinesia. <i>Brain</i> , <b>1980</b> , 103, 301-14	11.2	554
353	Modeling the current distribution during transcranial direct current stimulation. <i>Clinical Neurophysiology</i> , <b>2006</b> , 117, 1623-9	4.3	547
352	Classification and definition of disorders causing hypertonia in childhood. <i>Pediatrics</i> , <b>2003</b> , 111, e89-97	7.4	527
351	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> , <b>2018</b> , 33, 75-87	7	504

350	Functional properties of brain areas associated with motor execution and imagery. <i>Journal of Neurophysiology</i> , <b>2003</b> , 89, 989-1002	3.2	501
349	Optimal Focal Transcranial Magnetic Activation of the Human Motor Cortex. <i>Journal of Clinical Neurophysiology</i> , <b>1992</b> , 9, 132-136	2.2	493
348	Human motor evoked responses to paired transcranial magnetic stimuli. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , <b>1992</b> , 85, 355-64		489
347	Motor reorganization after upper limb amputation in man. A study with focal magnetic stimulation. <i>Brain</i> , <b>1991</b> , 114 ( Pt 1B), 615-27	11.2	481
346	Mood improvement following daily left prefrontal repetitive transcranial magnetic stimulation in patients with depression: a placebo-controlled crossover trial. <i>American Journal of Psychiatry</i> , <b>1997</b> , 154, 1752-6	11.9	441
345	Spinal motor neuron excitability during the silent period after cortical stimulation. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , <b>1991</b> , 81, 257-62		437
344	The cerebellum in Parkinson's disease. <i>Brain</i> , <b>2013</b> , 136, 696-709	11.2	427
343	Noninvasive mapping of muscle representations in human motor cortex. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , <b>1992</b> , 85, 1-8		408
342	A positron emission tomographic study of auditory localization in the congenitally blind. <i>Journal of Neuroscience</i> , <b>2000</b> , 20, 2664-72	6.6	384
341	Motor planning, imagery, and execution in the distributed motor network: a time-course study with functional MRI. <i>Cerebral Cortex</i> , <b>2008</b> , 18, 2775-88	5.1	371
340	A functional MRI study of automatic movements in patients with Parkinson's disease. <i>Brain</i> , <b>2005</b> , 128, 2250-9	11.2	367
339	Mesial motor areas in self-initiated versus externally triggered movements examined with fMRI: effect of movement type and rate. <i>Journal of Neurophysiology</i> , <b>1999</b> , 81, 3065-77	3.2	365
338	Repetitive transcranial magnetic stimulation-induced corticomotor excitability and associated motor skill acquisition in chronic stroke. <i>Stroke</i> , <b>2006</b> , 37, 1471-6	6.7	364
337	Modality-specific frontal and parietal areas for auditory and visual spatial localization in humans. <i>Nature Neuroscience</i> , <b>1999</b> , 2, 759-66	25.5	361
336	The pathophysiological basis of dystonias. <i>Nature Reviews Neuroscience</i> , <b>2008</b> , 9, 222-34	13.5	358
335	Role of the human motor cortex in rapid motor learning. <i>Experimental Brain Research</i> , <b>2001</b> , 136, 431-8	2.3	354
334	Mechanisms of deafferentation-induced plasticity in human motor cortex. <i>Journal of Neuroscience</i> , <b>1998</b> , 18, 7000-7	6.6	343
333	Sensorimotor gating in boys with Tourette's syndrome and ADHD: preliminary results. <i>Biological Psychiatry</i> , <b>1996</b> , 39, 33-41	7.9	342

332	Abnormal somatosensory homunculus in dystonia of the hand. <i>Annals of Neurology</i> , <b>1998</b> , 44, 828-31	9.4	336
331	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
330	Effects of coil design on delivery of focal magnetic stimulation. Technical considerations. <i>Electroencephalography and Clinical Neurophysiology</i> , <b>1990</b> , 75, 350-7		330
329	Cerebral causes and consequences of parkinsonian resting tremor: a tale of two circuits?. <i>Brain</i> , <b>2012</b> , 135, 3206-26	11.2	327
328	Modulation of motor cortical outputs to the reading hand of braille readers. <i>Annals of Neurology</i> , <b>1993</b> , 34, 33-7	9.4	327
327	Regional homogeneity changes in patients with Parkinson's disease. <i>Human Brain Mapping</i> , <b>2009</b> , 30, 1502-10	5.9	319
326	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
325	Screening questionnaire before TMS: an update. <i>Clinical Neurophysiology</i> , <b>2011</b> , 122, 1686	4.3	316
324	Effects of low-frequency transcranial magnetic stimulation on motor excitability and basic motor behavior. <i>Clinical Neurophysiology</i> , <b>2000</b> , 111, 1002-7	4.3	313
323	Transcranial magnetic stimulation of deep brain regions: evidence for efficacy of the H-coil. <i>Clinical Neurophysiology</i> , <b>2005</b> , 116, 775-9	4.3	312
322	Human corticospinal excitability evaluated with transcranial magnetic stimulation during different reaction time paradigms. <i>Brain</i> , <b>2000</b> , 123 ( Pt 6), 1161-73	11.2	309
321	Cerebral processes related to visuomotor imagery and generation of simple finger movements studied with positron emission tomography. <i>NeuroImage</i> , <b>1998</b> , 7, 73-85	7.9	308
320	A long-term follow-up study of patients with post-poliomyelitis neuromuscular symptoms. <i>New England Journal of Medicine</i> , <b>1986</b> , 314, 959-63	59.2	306
319	Levodopa in the treatment of Parkinson's disease: current controversies. <i>Movement Disorders</i> , <b>2004</b> , 19, 997-1005	7	291
318	Definition and classification of hyperkinetic movements in childhood. <i>Movement Disorders</i> , <b>2010</b> , 25, 1538-49	7	275
317	Neural correlates of auditory-visual stimulus onset asynchrony detection. <i>Journal of Neuroscience</i> , <b>2001</b> , 21, 300-4	6.6	275
316	The relative metabolic demand of inhibition and excitation. <i>Nature</i> , <b>2000</b> , 406, 995-8	50.4	272
315	Period of susceptibility for cross-modal plasticity in the blind. <i>Annals of Neurology</i> , <b>1999</b> , 45, 451-60	9.4	272

314	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
313	Rapid modulation of human cortical motor outputs following ischaemic nerve block. <i>Brain</i> , <b>1993</b> , 116 ( Pt 3), 511-25	11.2	264
312	Emerging concepts in the physiological basis of dystonia. <i>Movement Disorders</i> , <b>2013</b> , 28, 958-67	7	258
311	Plasticity of the human motor cortex and recovery from stroke. <i>Brain Research Reviews</i> , <b>2001</b> , 36, 169-74		257
310	Mechanisms of cortical reorganization in lower-limb amputees. <i>Journal of Neuroscience</i> , <b>1998</b> , 18, 3443-50	10.6	256
309	Neurophysiology of dystonia: The role of inhibition. <i>Neurobiology of Disease</i> , <b>2011</b> , 42, 177-84	7.5	255
308	Corticomuscular coherence: a review. <i>Journal of Clinical Neurophysiology</i> , <b>1999</b> , 16, 501-11	2.2	255
307	How self-initiated memorized movements become automatic: a functional MRI study. <i>Journal of Neurophysiology</i> , <b>2004</b> , 91, 1690-8	3.2	248
306	Emotional stimuli and motor conversion disorder. <i>Brain</i> , <b>2010</b> , 133, 1526-36	11.2	239
305	Consensus paper: combining transcranial stimulation with neuroimaging. <i>Brain Stimulation</i> , <b>2009</b> , 2, 58-89	11.1	239
304	Sensory aspects of movement disorders. <i>Lancet Neurology</i> , <b>2014</b> , 13, 100-12	24.1	236
303	Event-related desynchronization and movement-related cortical potentials on the ECoG and EEG. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , <b>1994</b> , 93, 380-9		233
302	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
301	Functional coupling of human cortical sensorimotor areas during bimanual skill acquisition. <i>Brain</i> , <b>1999</b> , 122 ( Pt 5), 855-70	11.2	226
300	Dissociation of the pathways mediating ipsilateral and contralateral motor-evoked potentials in human hand and arm muscles. <i>Journal of Physiology</i> , <b>1999</b> , 518 ( Pt 3), 895-906	3.9	224
299	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
298	A theoretical calculation of the electric field induced in the cortex during magnetic stimulation. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , <b>1991</b> , 81, 47-56		222
297	A coil design for transcranial magnetic stimulation of deep brain regions. <i>Journal of Clinical Neurophysiology</i> , <b>2002</b> , 19, 361-70	2.2	216

296	Do primary adult-onset focal dystonias share aetiological factors?. <i>Brain</i> , <b>2007</b> , 130, 1183-93	11.2	211
295	Transcranial direct current stimulation for the treatment of Parkinson's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2010</b> , 81, 1105-11	5.5	209
294	Contribution of the ipsilateral motor cortex to recovery after chronic stroke. <i>Annals of Neurology</i> , <b>2003</b> , 54, 464-72	9.4	208
293	Integrative visuomotor behavior is associated with interregionally coherent oscillations in the human brain. <i>Journal of Neurophysiology</i> , <b>1998</b> , 79, 1567-73	3.2	202
292	Frequency-dependent changes of regional cerebral blood flow during finger movements. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>1996</b> , 16, 23-33	7.3	192
291	The non-motor syndrome of primary dystonia: clinical and pathophysiological implications. <i>Brain</i> , <b>2012</b> , 135, 1668-81	11.2	191
290	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
289	Impaired inhibition in writer's cramp during voluntary muscle activation. <i>Neurology</i> , <b>1997</b> , 49, 1054-9	6.5	190
288	Improving hand function in chronic stroke. <i>Archives of Neurology</i> , <b>2002</b> , 59, 1278-82		188
287	A PET study of sequential finger movements of varying length in patients with Parkinson's disease. <i>Brain</i> , <b>1999</b> , 122 ( Pt 3), 483-95	11.2	188
286	Physiology of basal ganglia disorders: an overview. <i>Canadian Journal of Neurological Sciences</i> , <b>1993</b> , 20, 177-83	1	186
285	Repetitive transcranial magnetic stimulation or transcranial direct current stimulation?. <i>Brain Stimulation</i> , <b>2009</b> , 2, 241-5	5.1	185
284	Electroencephalographic measurement of motor cortex control of muscle activity in humans. <i>Clinical Neurophysiology</i> , <b>2000</b> , 111, 326-37	4.3	185
283	Definition and classification of negative motor signs in childhood. <i>Pediatrics</i> , <b>2006</b> , 118, 2159-67	7.4	179
282	The neurophysiology of dystonia. <i>Archives of Neurology</i> , <b>1998</b> , 55, 601-3		178
281	Neural correlates of cross-modal binding. <i>Nature Neuroscience</i> , <b>2003</b> , 6, 190-5	25.5	177
280	Use and safety of a new repetitive transcranial magnetic stimulator. <i>Electroencephalography and Clinical Neurophysiology - Electromyography and Motor Control</i> , <b>1996</b> , 101, 412-417		174
279	A mismatch between kinesthetic and visual perception in Parkinson's disease. <i>Annals of Neurology</i> , <b>1997</b> , 41, 781-8	9.4	172

278	Impaired brain GABA in focal dystonia. <i>Annals of Neurology</i> , <b>2002</b> , 51, 93-101	9.4	172
277	Electrophysiological studies of myoclonus. <i>Muscle and Nerve</i> , <b>2005</b> , 31, 157-74	3.4	171
276	A PET study of human auditory spatial processing. <i>Neuroscience Letters</i> , <b>1999</b> , 262, 155-8	3.3	171
275	Motor automaticity in Parkinson's disease. <i>Neurobiology of Disease</i> , <b>2015</b> , 82, 226-234	7.5	169
274	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
273	Placebo-controlled study of rTMS for the treatment of Parkinson's disease. <i>Movement Disorders</i> , <b>2006</b> , 21, 325-31	7	168
272	Effects of tDCS on motor learning and memory formation: A consensus and critical position paper. <i>Clinical Neurophysiology</i> , <b>2017</b> , 128, 589-603	4.3	166
271	Locating the motor cortex on the MRI with transcranial magnetic stimulation and PET. <i>NeuroImage</i> , <b>1996</b> , 3, 1-9	7.9	165
270	The electric field induced in the brain by magnetic stimulation: a 3-D finite-element analysis of the effect of tissue heterogeneity and anisotropy. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2003</b> , 50, 1074-85	5	162
269	Effective connectivity of brain networks during self-initiated movement in Parkinson's disease. <i>NeuroImage</i> , <b>2011</b> , 55, 204-15	7.9	160
268	The influence of normal human ageing on automatic movements. <i>Journal of Physiology</i> , <b>2005</b> , 562, 605-15	5.9	155
267	A finite element analysis of the effect of electrode area and inter-electrode distance on the spatial distribution of the current density in tDCS. <i>Journal of Neural Engineering</i> , <b>2011</b> , 8, 066017	5	154
266	The role of the dorsolateral prefrontal cortex in implicit procedural learning. <i>Experimental Brain Research</i> , <b>1996</b> , 107, 479-85	2.3	151
265	Sensory training for patients with focal hand dystonia. <i>Annals of Neurology</i> , <b>2002</b> , 51, 593-8	9.4	148
264	Effects of focal transcranial magnetic stimulation on simple reaction time to acoustic, visual and somatosensory stimuli. <i>Brain</i> , <b>1992</b> , 115 ( Pt 4), 1045-59	11.2	148
263	Volitional control of movement: the physiology of free will. <i>Clinical Neurophysiology</i> , <b>2007</b> , 118, 1179-92	4.3	146
262	Aberrant supplementary motor complex and limbic activity during motor preparation in motor conversion disorder. <i>Movement Disorders</i> , <b>2011</b> , 26, 2396-403	7	145
261	Frequency-dependent changes of regional cerebral blood flow during finger movements: functional MRI compared to PET. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>1997</b> , 17, 670-9	7.3	144

260	Surround inhibition in human motor system. <i>Experimental Brain Research</i> , <b>2004</b> , 158, 397-404	2.3	143
259	Studies of neuroplasticity with transcranial magnetic stimulation. <i>Journal of Clinical Neurophysiology</i> , <b>1998</b> , 15, 305-24	2.2	143
258	The focal dystonias: current views and challenges for future research. <i>Movement Disorders</i> , <b>2013</b> , 28, 926-43	7	142
257	Functional connectivity of cortical motor areas in the resting state in Parkinson's disease. <i>Human Brain Mapping</i> , <b>2011</b> , 32, 1443-57	5.9	141
256	Changes in brain anatomy in focal hand dystonia. <i>Annals of Neurology</i> , <b>2004</b> , 55, 736-9	9.4	141
255	Sensory discrimination capabilities in patients with focal hand dystonia. <i>Annals of Neurology</i> , <b>2000</b> , 47, 377-380	9.4	137
254	Cortical motor representation of the ipsilateral hand and arm. <i>Experimental Brain Research</i> , <b>1994</b> , 100, 121-32	2.3	135
253	What does the ratio of injected current to electrode area tell us about current density in the brain during tDCS?. <i>Clinical Neurophysiology</i> , <b>2009</b> , 120, 1183-7	4.3	133
252	Regional cerebral blood flow during a self-paced sequential finger opposition task in patients with cerebellar degeneration. <i>Brain</i> , <b>1995</b> , 118 ( Pt 2), 379-93	11.2	131
251	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
250	Neural correlates of bimanual anti-phase and in-phase movements in Parkinson's disease. <i>Brain</i> , <b>2010</b> , 133, 2394-409	11.2	129
249	Prediction of human voluntary movement before it occurs. <i>Clinical Neurophysiology</i> , <b>2011</b> , 122, 364-72	4.3	127
248	Current Opinions and Areas of Consensus on the Role of the Cerebellum in Dystonia. <i>Cerebellum</i> , <b>2017</b> , 16, 577-594	4.3	125
247	Transient interhemispheric neuronal synchrony correlates with object recognition. <i>Journal of Neuroscience</i> , <b>2001</b> , 21, 3942-8	6.6	125
246	Functional coupling of human right and left cortical motor areas demonstrated with partial coherence analysis. <i>Neuroscience Letters</i> , <b>2000</b> , 287, 93-6	3.3	122
245	The role of reading activity on the modulation of motor cortical outputs to the reading hand in Braille readers. <i>Annals of Neurology</i> , <b>1995</b> , 38, 910-5	9.4	122
244	Neuronal activity in the basal ganglia and thalamus in patients with dystonia. <i>Clinical Neurophysiology</i> , <b>2004</b> , 115, 2542-57	4.3	121
243	Research priorities in spasmodic dysphonia. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2008</b> , 139, 495-505	5.5	119



242	Blepharospasm: recent advances. <i>Neurology</i> , <b>2002</b> , 59, 1306-12	6.5	119
241	Asymmetric spatiotemporal patterns of event-related desynchronization preceding voluntary sequential finger movements: a high-resolution EEG study. <i>Clinical Neurophysiology</i> , <b>2005</b> , 116, 1213-21	4.3	117
240	Physiology of psychogenic movement disorders. <i>Journal of Clinical Neuroscience</i> , <b>2010</b> , 17, 959-65	2.2	116
239	Physiological analysis of motor reorganization following lower limb amputation. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , <b>1992</b> , 85, 53-60		115
238	Surround inhibition in the motor system. <i>Experimental Brain Research</i> , <b>2011</b> , 210, 165-72	2.3	114
237	Excitability of the ipsilateral motor cortex during phasic voluntary hand movement. <i>Experimental Brain Research</i> , <b>2003</b> , 148, 176-85	2.3	113
236	The role of the dorsal stream for gesture production. <i>NeuroImage</i> , <b>2006</b> , 29, 417-28	7.9	111
235	Effect of volitional inhibition on cortical inhibitory mechanisms. <i>Journal of Neurophysiology</i> , <b>2002</b> , 88, 333-8	3.2	111
234	Timing of activity in early visual cortex as revealed by transcranial magnetic stimulation. <i>NeuroReport</i> , <b>1999</b> , 10, 2631-4	1.7	110
233	Induction of errors in a delayed response task by repetitive transcranial magnetic stimulation of the dorsolateral prefrontal cortex. <i>NeuroReport</i> , <b>1994</b> , 5, 2517-20	1.7	109
232	Regional cerebral blood flow correlates of the severity of writer's cramp symptoms. <i>NeuroImage</i> , <b>2004</b> , 21, 904-13	7.9	104
231	Magnetic stimulation of the human cerebral cortex, an indicator of reorganization in motor pathways in certain pathological conditions. <i>Journal of Clinical Neurophysiology</i> , <b>1991</b> , 8, 56-65	2.2	103
230	Voxel based morphometry reveals specific gray matter changes in primary dystonia. <i>Movement Disorders</i> , <b>2007</b> , 22, 1538-42	7	102
229	A high performance sensorimotor beta rhythm-based brain-computer interface associated with human natural motor behavior. <i>Journal of Neural Engineering</i> , <b>2008</b> , 5, 24-35	5	101
228	Information flow from the sensorimotor cortex to muscle in humans. <i>Clinical Neurophysiology</i> , <b>2001</b> , 112, 122-6	4.3	100
227	Simultaneous repetitive transcranial magnetic stimulation does not speed fine movement in PD. <i>Neurology</i> , <b>1999</b> , 52, 768-70	6.5	100
226	Attenuation in detection of somatosensory stimuli by transcranial magnetic stimulation. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , <b>1991</b> , 81, 366-76		100
225	Interhemispheric plasticity in humans. <i>Medicine and Science in Sports and Exercise</i> , <b>2011</b> , 43, 1188-99	1.2	99

224	Transcranial magnetic stimulation of the brain: guidelines for pain treatment research. <i>Pain</i> , <b>2015</b> , 156, 1601-1614	8	95
223	Pathophysiology of writer's cramp. <i>Human Movement Science</i> , <b>2006</b> , 25, 454-63	2.4	95
222	Topography of the inhibitory and excitatory responses to transcranial magnetic stimulation in a hand muscle. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , <b>1993</b> , 89, 424-33		95
221	Focal white matter changes in spasmodic dysphonia: a combined diffusion tensor imaging and neuropathological study. <i>Brain</i> , <b>2008</b> , 131, 447-59	11.2	94
220	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
219	The N30 component of somatosensory evoked potentials in patients with dystonia. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , <b>1992</b> , 84, 243-7		88
218	Manual activity shapes structure and function in contralateral human motor hand area. <i>NeuroImage</i> , <b>2011</b> , 54, 32-41	7.9	87
217	Source analysis of scalp-recorded movement-related electrical potentials. <i>Electroencephalography and Clinical Neurophysiology</i> , <b>1993</b> , 86, 167-75		87
216	Sensory sensitivity to external stimuli in Tourette syndrome patients. <i>Movement Disorders</i> , <b>2011</b> , 26, 2538-43	7	85
215	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
214	Finger and face representations in the ipsilateral precentral motor areas in humans. <i>Journal of Neurophysiology</i> , <b>2005</b> , 93, 2950-8	3.2	83
213	Effective connectivity of neural networks in automatic movements in Parkinson's disease. <i>NeuroImage</i> , <b>2010</b> , 49, 2581-7	7.9	82
212	Two periods of processing in the (circum)striate visual cortex as revealed by transcranial magnetic stimulation. <i>Neuropsychologia</i> , <b>1999</b> , 37, 137-45	3.2	80
211	A functional magnetic resonance imaging study of cortical regions associated with motor task execution and motor ideation in humans. <i>Human Brain Mapping</i> , <b>1995</b> , 3, 83-92	5.9	80
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