

Joseph Classen

List of Publications by Year in descending order

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Version: 2024-02-01

159
papers

12,721
citations

28190

55
h-index

25716

108
g-index

167
all docs

167
docs citations

167
times ranked

11463
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimodal assessment of autonomic dysfunction in amyotrophic lateral sclerosis. <i>European Journal of Neurology</i> , 2022, 29, 715-723.	1.7	13
2	Coherent theta oscillations in the cerebellum and supplementary motor area mediate visuomotor adaptation. <i>NeuroImage</i> , 2022, 251, 118985.	2.1	8
3	Multicenter ¹⁸ F-PI-2620 PET for In Vivo Braak Staging of Tau Pathology in Alzheimer's Disease. <i>Biomolecules</i> , 2022, 12, 458.	1.8	9
4	Functional predictors of treatment induced diabetic neuropathy (TIND): a prospective pilot study using clinical and neurophysiological functional tests. <i>Diabetology and Metabolic Syndrome</i> , 2022, 14, 35.	1.2	2
5	¹⁸ F-PI-2620 Tau PET Improves the Imaging Diagnosis of Progressive Supranuclear Palsy. <i>Journal of Nuclear Medicine</i> , 2022, , jnumed.121.262854.	2.8	8
6	Cross-frequency phase-amplitude coupling in repetitive movements in patients with Parkinson's disease. <i>Journal of Neurophysiology</i> , 2022, 127, 1606-1621.	0.9	2
7	Association of Intraventricular Fibrinolysis With Clinical Outcomes in Intracerebral Hemorrhage: An Individual Participant Data Meta-Analysis. <i>Stroke</i> , 2022, 53, 2876-2886.	1.0	11
8	Transcranial magnetic stimulation of the brain: What is stimulated? – A consensus and critical position paper. <i>Clinical Neurophysiology</i> , 2022, 140, 59-97.	0.7	124
9	Spatiotemporal features of β^2 - β^3 phase-amplitude coupling in Parkinson's disease derived from scalp EEG. <i>Brain</i> , 2021, 144, 487-503.	3.7	39
10	Treatment-Induced Neuropathy in Diabetes (TIND) – Developing a Disease Model in Type 1 Diabetic Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1571.	1.8	6
11	Motor Sequence Learning across Multiple Sessions Is Not Facilitated by Targeting Consolidation with Posttraining tDCS in Patients with Progressive Multiple Sclerosis. <i>Neural Plasticity</i> , 2021, 2021, 1-11.	1.0	3
12	Evaluation of Three Machine Learning Algorithms for the Automatic Classification of EMG Patterns in Gait Disorders. <i>Frontiers in Neurology</i> , 2021, 12, 666458.	1.1	24
13	Binding characteristics of ¹⁸ F]PI-2620 distinguish the clinically predicted tau isoform in different tauopathies by PET. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2957-2972.	2.4	30
14	Feasibility of short imaging protocols for [18F]PI-2620 tau-PET in progressive supranuclear palsy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3872-3885.	3.3	22
15	PET/MRI Delivers Multimodal Brain Signature in Alzheimer's Disease with De Novo PSEN1 Mutation. <i>Current Alzheimer Research</i> , 2021, 18, 178-184.	0.7	3
16	Motor Sequence Learning Deficits in Idiopathic Parkinson's Disease Are Associated With Increased Substantia Nigra Activity. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 685168.	1.7	4
17	Motor sequence learning in patients with ideomotor apraxia: Effects of long-term training. <i>Neuropsychologia</i> , 2021, 159, 107921.	0.7	1
18	Differentiating neurodegenerative parkinsonian syndromes using vestibular evoked myogenic potentials and balance assessment. <i>Clinical Neurophysiology</i> , 2021, 132, 2808-2819.	0.7	2

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19	The PostStroke-Manager “ combining mobile, digital and sensor-based technology with personal assistance: protocol of the feasibility study. <i>Neurological Research and Practice</i> , 2021, 3, 53.	1.0	3
20	Diagnostic contribution and therapeutic perspectives of transcranial magnetic stimulation in dementia. <i>Clinical Neurophysiology</i> , 2021, 132, 2568-2607.	0.7	85
21	Alpha oscillations modulate premotor-cerebellar connectivity in motor learning: Insights from transcranial alternating current stimulation. <i>NeuroImage</i> , 2021, 241, 118410.	2.1	15
22	Hippocampal gray matter volume in the long-term course after transient global amnesia. <i>NeuroImage: Clinical</i> , 2021, 30, 102586.	1.4	4
23	Support Vector Machine Classifiers Show High Generalizability in Automatic Fall Detection in Older Adults. <i>Sensors</i> , 2021, 21, 7166.	2.1	13
24	Offline low-frequency rTMS of the primary and premotor cortices does not impact motor sequence memory consolidation despite modulation of corticospinal excitability. <i>Scientific Reports</i> , 2021, 11, 24186.	1.6	1
25	Linking Individual Movements to a Skilled Repertoire: Fast Modulation of Motor Synergies by Repetition of Stereotyped Movements. <i>Cerebral Cortex</i> , 2020, 30, 1185-1198.	1.6	8
26	No enhanced (p-) α -synuclein deposition in gastrointestinal tissue of Parkinson's disease patients. <i>Parkinsonism and Related Disorders</i> , 2020, 80, 82-88.	1.1	11
27	Interleaving Motor Sequence Training With High-Frequency Repetitive Transcranial Magnetic Stimulation Facilitates Consolidation. <i>Cerebral Cortex</i> , 2020, 30, 1030-1039.	1.6	8
28	Lateralized effects of post-learning transcranial direct current stimulation on motor memory consolidation in older adults: An fMRI investigation. <i>NeuroImage</i> , 2020, 223, 117323.	2.1	12
29	Beneficial effects of cerebellar tDCS on motor learning are associated with altered putamen-cerebellar connectivity: A simultaneous tDCS-fMRI study. <i>NeuroImage</i> , 2020, 223, 117363.	2.1	32
30	Assessment of ¹⁸ F-PI-2620 as a Biomarker in Progressive Supranuclear Palsy. <i>JAMA Neurology</i> , 2020, 77, 1408.	4.5	145
31	Treatment of established status epilepticus in the elderly - a study protocol for a prospective multicenter double-blind comparative effectiveness trial (ToSEE). <i>BMC Neurology</i> , 2020, 20, 438.	0.8	7
32	Delirium Screening in Neurocritical Care and Stroke Unit Patients: A Pilot Study on the Influence of Neurological Deficits on CAM-ICU and ICDSC Outcome. <i>Neurocritical Care</i> , 2020, 33, 708-717.	1.2	17
33	Baseline sensorimotor GABA levels shape neuroplastic processes induced by motor learning in older adults. <i>Human Brain Mapping</i> , 2020, 41, 3680-3695.	1.9	21
34	Early-phase [18F]PI-2620 tau-PET imaging as a surrogate marker of neuronal injury. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2911-2922.	3.3	36
35	Motor Performance But Neither Motor Learning Nor Motor Consolidation Are Impaired in Chronic Cerebellar Stroke Patients. <i>Cerebellum</i> , 2020, 19, 275-285.	1.4	4
36	Posttraining Alpha Transcranial Alternating Current Stimulation Impairs Motor Consolidation in Elderly People. <i>Neural Plasticity</i> , 2019, 2019, 1-11.	1.0	11

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37	Safety and efficacy of epigallocatechin gallate in multiple system atrophy (PROMESA): a randomised, double-blind, placebo-controlled trial. <i>Lancet Neurology</i> , The, 2019, 18, 724-735.	4.9	79
38	Assessing blink reflex circuits by three different afferent routes in Parkinson's disease. <i>Clinical Neurophysiology</i> , 2019, 130, 582-587.	0.7	6
39	Î±-Synuclein in Parkinson's disease: causal or bystander?. <i>Journal of Neural Transmission</i> , 2019, 126, 815-840.	1.4	88
40	Correlation between sonographic morphology and function of the cervical vagus nerves. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2019, 220, 102552.	1.4	13
41	Heparin for prophylaxis of venous thromboembolism in intracerebral haemorrhage. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 783-791.	0.9	18
42	Dual-Site Transcranial Magnetic Stimulation for the Treatment of Parkinson's Disease. <i>Frontiers in Neurology</i> , 2019, 10, 174.	1.1	20
43	Development of evidence-based quality indicators for deep brain stimulation in patients with Parkinson's disease and first year experience of implementation of a nation-wide registry. <i>Parkinsonism and Related Disorders</i> , 2019, 60, 3-9.	1.1	7
44	Behavioral phenotyping of calcium channel (CACN) subunit Î±2Î³ knockout mice: Consequences of sensory cross-modal activation. <i>Behavioural Brain Research</i> , 2019, 364, 393-402.	1.2	11
45	Altered motor plasticity in an acute relapse of multiple sclerosis. <i>European Journal of Neuroscience</i> , 2018, 47, 251-257.	1.2	11
46	Sonographic evaluation of the vagus nerves: Protocol, reference values, and side-to-side differences. <i>Muscle and Nerve</i> , 2018, 57, 766-771.	1.0	49
47	The neuronal network involved in self-attribution of an artificial hand: A lesion network-symptom-mapping study. <i>NeuroImage</i> , 2018, 166, 317-324.	2.1	30
48	Neuroanatomy of pain-deficiency and cross-modal activation in calcium channel subunit (CACN) Î±2Î³ knockout mice. <i>Brain Structure and Function</i> , 2018, 223, 111-130.	1.2	12
49	Dual Time-Point [18F]Florbetaben PET Delivers Dual Biomarker Information in Mild Cognitive Impairment and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 66, 1105-1116.	1.2	20
50	Axonal Degeneration of the Vagus Nerve in Parkinson's Disease—A High-Resolution Ultrasound Study. <i>Frontiers in Neurology</i> , 2018, 9, 951.	1.1	37
51	Heritability of proprioceptive senses. <i>Journal of Applied Physiology</i> , 2018, 125, 972-982.	1.2	5
52	Compromised tDCS-induced facilitation of motor consolidation in patients with multiple sclerosis. <i>Journal of Neurology</i> , 2018, 265, 2302-2311.	1.8	17
53	Alleviation of Psychological Distress and the Improvement of Quality of Life in Patients With Amyotrophic Lateral Sclerosis: Adaptation of a Short-Term Psychotherapeutic Intervention. <i>Frontiers in Neurology</i> , 2018, 9, 231.	1.1	10
54	Human Autoantibodies against the AMPA Receptor Subunit GluA2 Induce Receptor Reorganization and Memory Dysfunction. <i>Neuron</i> , 2018, 100, 91-105.e9.	3.8	90

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55	Cerebral Activation During Initial Motor Learning Forecasts Subsequent Sleep-Facilitated Memory Consolidation in Older Adults. <i>Cerebral Cortex</i> , 2017, 27, bhv347.	1.6	40
56	Effects of tDCS on motor learning and memory formation: A consensus and critical position paper. <i>Clinical Neurophysiology</i> , 2017, 128, 589-603.	0.7	275
57	Does dysfunction of the autonomic nervous system affect success of renal denervation in reducing blood pressure?. <i>SAGE Open Medicine</i> , 2017, 5, 205031211770203.	0.7	1
58	Plasticity induced by non-invasive transcranial brain stimulation: A position paper. <i>Clinical Neurophysiology</i> , 2017, 128, 2318-2329.	0.7	276
59	Nonmotor fluctuations: phenotypes, pathophysiology, management, and open issues. <i>Journal of Neural Transmission</i> , 2017, 124, 1029-1036.	1.4	18
60	Structural abnormality of substantia nigra induced by methamphetamine abuse. <i>Movement Disorders</i> , 2017, 32, 1784-1788.	2.2	26
61	Differential spatial representation of precision and power grasps in the human motor system. <i>NeuroImage</i> , 2017, 158, 58-69.	2.1	11
62	Enhancement of motor consolidation by post-training transcranial direct current stimulation in older people. <i>Neurobiology of Aging</i> , 2017, 49, 1-8.	1.5	52
63	Fronto-temporal interactions are functionally relevant for semantic control in language processing. <i>PLoS ONE</i> , 2017, 12, e0177753.	1.1	8
64	Rapid short-term reorganization in the language network. <i>ELife</i> , 2017, 6, .	2.8	49
65	The role of nerve inflammation and exogenous iron load in experimental peripheral diabetic neuropathy (PDN). <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 391-405.	1.5	40
66	Combined PET/MRI. <i>Neurology</i> , 2016, 86, 1926-1927.	1.5	7
67	Differential Regulation of Human Paired Associative Stimulation-Induced and Theta-Burst Stimulation-Induced Plasticity by L-type and T-type Ca ²⁺ -Channels. <i>Cerebral Cortex</i> , 2016, 27, 4010-4021.	1.6	22
68	Late onset <sc>dHMN II</sc> caused by c.<sc>404C</sc>>G mutation in <sc>HSPB1</sc> gene. <i>Journal of the Peripheral Nervous System</i> , 2016, 21, 111-113.	1.4	13
69	Dynamic causal modeling of touch-evoked potentials in the rubber hand illusion. <i>NeuroImage</i> , 2016, 138, 266-273.	2.1	54
70	Dissociating Parieto-Frontal Networks for Phonological and Semantic Word Decisions: A Condition-and-Perturb TMS Study. <i>Cerebral Cortex</i> , 2016, 26, 2590-2601.	1.6	93
71	Wearable sensor-based objective assessment of motor symptoms in Parkinsonâ€™s disease. <i>Journal of Neural Transmission</i> , 2016, 123, 57-64.	1.4	117
72	Light pigmentation phenotype is correlated with increased substantia nigra echogenicity. <i>Movement Disorders</i> , 2015, 30, 1848-1852.	2.2	11

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73	Consensus Paper: Probing Homeostatic Plasticity of Human Cortex With Non-invasive Transcranial Brain Stimulation. <i>Brain Stimulation</i> , 2015, 8, 442-454.	0.7	138
74	Consensus Paper: Probing Homeostatic Plasticity of Human Cortex With Non-invasive Transcranial Brain Stimulation. <i>Brain Stimulation</i> , 2015, 8, 993-1006.	0.7	103
75	Long-term recovery in critical illness myopathy is complete, contrary to polyneuropathy. <i>Muscle and Nerve</i> , 2015, 51, 624-625.	1.0	0
76	Anticoagulant Reversal, Blood Pressure Levels, and Anticoagulant Resumption in Patients With Anticoagulation-Related Intracerebral Hemorrhage. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 824.	3.8	447
77	Erratum to "Consensus Paper: Probing Homeostatic Plasticity of Human Cortex With Non-invasive Transcranial Brain Stimulation". <i>Brain Stimulation</i> 8 (2015) 442-454. <i>Brain Stimulation</i> , 2015, 8, 992.	0.7	4
78	Simultaneous PET/Mri in Stroke: A Case Series. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1421-1425.	2.4	57
79	Does treatment with t-PA increase the risk of developing epilepsy after stroke?. <i>Journal of Neurology</i> , 2015, 262, 2364-2372.	1.8	32
80	Failure to confirm benefit of acetyl-dl-leucine in degenerative cerebellar ataxia: a case series. <i>Journal of Neurology</i> , 2015, 262, 1373-1375.	1.8	14
81	A comparison of two surgical approaches in functional neurosurgery: individualized versus conventional stereotactic frames. <i>Computer Aided Surgery</i> , 2015, 20, 34-40.	1.8	2
82	Effect of a 1-Year Obesity Intervention (KLAKS Program) on Preexisting Autonomic Nervous Dysfunction in Childhood Obesity. <i>Journal of Child Neurology</i> , 2015, 30, 1174-1181.	0.7	14
83	Sensory Processing and the Rubber Hand Illusion—An Evoked Potentials Study. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 573-582.	1.1	93
84	Assessment of Brainstem Function with Auricular Branch of Vagus Nerve Stimulation in Parkinson's Disease. <i>PLoS ONE</i> , 2015, 10, e0120786.	1.1	36
85	Instrument specific use-dependent plasticity shapes the anatomical properties of the corpus callosum: a comparison between musicians and non-musicians. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 245.	1.0	30
86	The Role of the Cerebellum in Dynamic Changes of the Sense of Body Ownership: A Study in Patients with Cerebellar Degeneration. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 712-721.	1.1	11
87	Placebo-Induced Changes in Excitatory and Inhibitory Corticospinal Circuits during Motor Performance. <i>Journal of Neuroscience</i> , 2014, 34, 3993-4005.	1.7	55
88	Complementary/alternative medicine and physiotherapy usage in German cervical dystonia patients. <i>Basal Ganglia</i> , 2014, 4, 55-59.	0.3	6
89	Structural brain plasticity in Parkinson's disease induced by balance training. <i>Neurobiology of Aging</i> , 2014, 35, 232-239.	1.5	135
90	Plasticity. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2013, 116, 525-534.	1.0	9

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91	Neural plasticity and its contribution to functional recovery. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2013, 110, 3-12.	1.0	79
92	Dysfunction of Autonomic Nervous System in Childhood Obesity: A Cross-Sectional Study. PLoS ONE, 2013, 8, e54546.	1.1	81
93	Heritability of motor control and motor learning. Physiological Reports, 2013, 1, e00188.	0.7	23
94	Microcircuit mechanisms involved in paired associative stimulationâ€”induced depression of corticospinal excitability. Journal of Physiology, 2013, 591, 4903-4920.	1.3	33
95	Sonographic abnormality of the substantia nigra in melanoma patients. Movement Disorders, 2013, 28, 219-224.	2.2	10
96	Navigation-supported diagnosis of the substantia nigra by matching midbrain sonography and MRI. , 2012, , .		2
97	Excitability decreasing central motor plasticity is retained in multiple sclerosis patients. BMC Neurology, 2012, 12, 92.	0.8	18
98	Stimulating News about Modular Motor Control. Neuron, 2012, 76, 1043-1045.	3.8	9
99	Pallidal deep brain stimulation in patients with primary generalised or segmental dystonia: 5-year follow-up of a randomised trial. Lancet Neurology, The, 2012, 11, 1029-1038.	4.9	329
100	Reduced early visual emotion discrimination as an index of diminished emotion processing in Parkinsonâ€™s disease? â€” Evidence from event-related brain potentials. Cortex, 2012, 48, 1207-1217.	1.1	43
101	After-training emotional interference may modulate sequence awareness in a serial reaction time task. Experimental Brain Research, 2012, 219, 75-84.	0.7	6
102	Changes in TMS Measures induced by repetitive TMS. , 2012, , .		2
103	Functional role of ipsilateral motor areas in multiple sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 578-583.	0.9	26
104	Plasticity in human motor cortex is in part genetically determined. Journal of Physiology, 2011, 589, 297-306.	1.3	63
105	Loss of topographic specificity of LTD-like plasticity is a trait marker in focal dystonia. Neurobiology of Disease, 2011, 42, 171-176.	2.1	41
106	Enhanced catecholamine transporter binding in the locus coeruleus of patients with early Parkinson disease. BMC Neurology, 2011, 11, 88.	0.8	46
107	Impairment of the rubber hand illusion in focal hand dystonia. Brain, 2011, 134, 1428-1437.	3.7	67
108	Ventral Premotor Cortex May Be Required for Dynamic Changes in the Feeling of Limb Ownership: A Lesion Study. Journal of Neuroscience, 2011, 31, 4852-4857.	1.7	102

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109	Paired Associative Stimulation of the Auditory System: A Proof-Of-Principle Study. PLoS ONE, 2011, 6, e27088.	1.1	28
110	Encoding of Motor Skill in the Corticomuscular System of Musicians. Current Biology, 2010, 20, 1869-1874.	1.8	106
111	Plasticity resembling spike-timing dependent synaptic plasticity: the evidence in human cortex. Frontiers in Synaptic Neuroscience, 2010, 2, 34.	1.3	94
112	L-Type Voltage-Gated Ca ²⁺ Channels: A Single Molecular Switch for Long-Term Potentiation/Long-Term Depression-Like Plasticity and Activity-Dependent Metaplasticity in Humans. Journal of Neuroscience, 2010, 30, 6197-6204.	1.7	101
113	What does the pedunculo-pontine nucleus do?. Neurology, 2010, 75, 944-945.	1.5	8
114	Structural abnormality of the substantia nigra in children with attention-deficit hyperactivity disorder. Journal of Psychiatry and Neuroscience, 2010, 35, 55-58.	1.4	56
115	Fluctuating neuromuscular transmission defects and inverse acetazolamide response in episodic ataxia type 2 associated with the novel CaV2.1 single amino acid substitution R2090Q. Journal of the Neurological Sciences, 2010, 296, 104-106.	0.3	7
116	Consensus: New methodologies for brain stimulation. Brain Stimulation, 2009, 2, 2-13.	0.7	100
117	Consensus paper: Use of transcranial magnetic stimulation to probe motor cortex plasticity in dystonia and levodopa-induced dyskinesia. Brain Stimulation, 2009, 2, 108-117.	0.7	21
118	Substantia nigra echogenicity: A structural correlate of functional impairment of the dopaminergic striatal projection in Parkinson's disease. Movement Disorders, 2009, 24, 1669-1675.	2.2	60
119	Development and evaluation of a low-cost sensor glove for assessment of human finger movements in neurophysiological settings. Journal of Neuroscience Methods, 2009, 178, 138-147.	1.3	125
120	Lying obliquely—a clinical sign of cognitive impairment: cross sectional observational study. BMJ: British Medical Journal, 2009, 339, b5273-b5273.	2.4	4
121	Task-specific craniocervical dystonia. Movement Disorders, 2008, 23, 1041-1043.	2.2	17
122	State of the art: Pharmacologic effects on cortical excitability measures tested by transcranial magnetic stimulation. Brain Stimulation, 2008, 1, 151-163.	0.7	342
123	Consensus: Motor cortex plasticity protocols. Brain Stimulation, 2008, 1, 164-182.	0.7	529
124	Consensus: Can transcranial direct current stimulation and transcranial magnetic stimulation enhance motor learning and memory formation?. Brain Stimulation, 2008, 1, 363-369.	0.7	225
125	Depression of Human Corticospinal Excitability Induced by Magnetic Theta-burst Stimulation: Evidence of Rapid Polarity-Reversing Metaplasticity. Cerebral Cortex, 2008, 18, 2046-2053.	1.6	321
126	Frequency and treatment of depressive symptoms in a Parkinson's disease registry. Parkinsonism and Related Disorders, 2008, 14, 626-632.	1.1	42

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127	Theta-burst stimulation: Remote physiological and local behavioral after-effects. <i>NeuroImage</i> , 2008, 40, 265-274.	2.1	74
128	Artifact correction and source analysis of early electroencephalographic responses evoked by transcranial magnetic stimulation over primary motor cortex. <i>NeuroImage</i> , 2007, 37, 56-70.	2.1	112
129	Characteristics of sensory trick-like manoeuvres in jaw-opening dystonia. <i>Movement Disorders</i> , 2007, 22, 430-433.	2.2	31
130	LTP-like changes induced by paired associative stimulation of the primary somatosensory cortex in humans: source analysis and associated changes in behaviour. <i>European Journal of Neuroscience</i> , 2007, 25, 2862-2874.	1.2	58
131	Encoding a motor memory in the older adult by action observation. <i>NeuroImage</i> , 2006, 29, 677-684.	2.1	158
132	Modular Organization of Finger Movements by the Human Central Nervous System. <i>Neuron</i> , 2006, 52, 731-742.	3.8	132
133	The two sides of associative plasticity in writer's cramp. <i>Brain</i> , 2006, 129, 2709-2721.	3.7	186
134	Temporary Occlusion of Associative Motor Cortical Plasticity by Prior Dynamic Motor Training. <i>Cerebral Cortex</i> , 2006, 16, 376-385.	1.6	210
135	Timing-dependent plasticity in human primary somatosensory cortex. <i>Journal of Physiology</i> , 2005, 565, 1039-1052.	1.3	164
136	Formation of a Motor Memory by Action Observation. <i>Journal of Neuroscience</i> , 2005, 25, 9339-9346.	1.7	348
137	Motor System Physiology. , 2005, , 165-180.		0
138	Parkinsonism due to bilateral basal ganglia lesions following mastocytosis-induced hypoxia. <i>Journal of Neurology</i> , 2004, 251, 1270-1272.	1.8	13
139	Measurements of transcallosally mediated cortical inhibition for differentiating parkinsonian syndromes. <i>Movement Disorders</i> , 2004, 19, 518-528.	2.2	72
140	Chapter 59 Paired associative stimulation. <i>Supplements To Clinical Neurophysiology</i> , 2004, 57, 563-569.	2.1	86
141	Modulation of Associative Human Motor Cortical Plasticity by Attention. <i>Journal of Neurophysiology</i> , 2004, 92, 66-72.	0.9	396
142	Paired associative stimulation. <i>Supplements To Clinical Neurophysiology</i> , 2004, 57, 563-9.	2.1	33
143	Focal hand dystonia - a disorder of neuroplasticity?. <i>Brain</i> , 2003, 126, 2571-2572.	3.7	17
144	A Temporally Asymmetric Hebbian Rule Governing Plasticity in the Human Motor Cortex. <i>Journal of Neurophysiology</i> , 2003, 89, 2339-2345.	0.9	528

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145	Practice-induced plasticity in the human motor cortex. , 2003, , 90-106.		7
146	Stimulation-induced plasticity in the human motor cortex. , 2003, , 135-165.		6
147	Reduced inhibition within primary motor cortex in patients with poststroke focal motor seizures. Neurology, 2002, 59, 1028-1033.	1.5	68
148	Chapter 35 Enhancement and depression of cortical excitability by a paired associative stimulation protocol. Supplements To Clinical Neurophysiology, 2002, 54, 231-235.	2.1	0
149	Modulation of use-dependent plasticity by d-amphetamine. Annals of Neurology, 2002, 51, 59-68.	2.8	166
150	Mechanisms of enhancement of human motor cortex excitability induced by interventional paired associative stimulation. Journal of Physiology, 2002, 543, 699-708.	1.3	557
151	Time Course of Determination of Movement Direction in the Reaction Time Task in Humans. Journal of Neurophysiology, 2001, 86, 1195-1201.	0.9	23
152	Effects of riluzole on cortical excitability in patients with amyotrophic lateral sclerosis. Annals of Neurology, 2001, 49, 536-539.	2.8	71
153	Differential effects on motorcortical inhibition induced by blockade of GABA uptake in humans. Journal of Physiology, 1999, 517, 591-597.	1.3	758
154	Stimulation of peripheral nerves using a novel magnetic coil. , 1999, 22, 751-757.		15
155	Multimodal output mapping of human central motor representation on different spatial scales. Journal of Physiology, 1998, 512, 163-179.	1.3	114
156	Integrative Visuomotor Behavior Is Associated With Interregionally Coherent Oscillations in the Human Brain. Journal of Neurophysiology, 1998, 79, 1567-1573.	0.9	236
157	Rapid Plasticity of Human Cortical Movement Representation Induced by Practice. Journal of Neurophysiology, 1998, 79, 1117-1123.	0.9	976
158	Studies of Neuroplasticity With Transcranial Magnetic Stimulation. Journal of Clinical Neurophysiology, 1998, 15, 305-324.	0.9	161
159	Safety of different inter-train intervals for repetitive transcranial magnetic stimulation and recommendations for safe ranges of stimulation parameters. Electroencephalography and Clinical Neurophysiology - Electromyography and Motor Control, 1997, 105, 415-421.	1.4	207