

Joseph Classen

List of Publications by Year in descending order

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159
papers

12,721
citations

28274

55
h-index

25787

108
g-index

167
all docs

167
docs citations

167
times ranked

11463
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Plasticity of Human Cortical Movement Representation Induced by Practice. <i>Journal of Neurophysiology</i> , 1998, 79, 1117-1123.	1.8	976
2	Differential effects on motorcortical inhibition induced by blockade of GABA uptake in humans. <i>Journal of Physiology</i> , 1999, 517, 591-597.	2.9	758
3	Mechanisms of enhancement of human motor cortex excitability induced by interventional paired associative stimulation. <i>Journal of Physiology</i> , 2002, 543, 699-708.	2.9	557
4	Consensus: Motor cortex plasticity protocols. <i>Brain Stimulation</i> , 2008, 1, 164-182.	1.6	529
5	A Temporally Asymmetric Hebbian Rule Governing Plasticity in the Human Motor Cortex. <i>Journal of Neurophysiology</i> , 2003, 89, 2339-2345.	1.8	528
6	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.	7.4	447
7	Modulation of Associative Human Motor Cortical Plasticity by Attention. <i>Journal of Neurophysiology</i> , 2004, 92, 66-72.	1.8	396
8	Formation of a Motor Memory by Action Observation. <i>Journal of Neuroscience</i> , 2005, 25, 9339-9346.	3.6	348
9	State of the art: Pharmacologic effects on cortical excitability measures tested by transcranial magnetic stimulation. <i>Brain Stimulation</i> , 2008, 1, 151-163.	1.6	342
10	Pallidal deep brain stimulation in patients with primary generalised or segmental dystonia: 5-year follow-up of a randomised trial. <i>Lancet Neurology</i> , The, 2012, 11, 1029-1038.	10.2	329
11	Depression of Human Corticospinal Excitability Induced by Magnetic Theta-burst Stimulation: Evidence of Rapid Polarity-Reversing Metaplasticity. <i>Cerebral Cortex</i> , 2008, 18, 2046-2053.	2.9	321
12	Plasticity induced by non-invasive transcranial brain stimulation: A position paper. <i>Clinical Neurophysiology</i> , 2017, 128, 2318-2329.	1.5	276
13	Effects of tDCS on motor learning and memory formation: A consensus and critical position paper. <i>Clinical Neurophysiology</i> , 2017, 128, 589-603.	1.5	275
14	Integrative Visuomotor Behavior Is Associated With Interregionally Coherent Oscillations in the Human Brain. <i>Journal of Neurophysiology</i> , 1998, 79, 1567-1573.	1.8	236
15	Consensus: Can transcranial direct current stimulation and transcranial magnetic stimulation enhance motor learning and memory formation?. <i>Brain Stimulation</i> , 2008, 1, 363-369.	1.6	225
16	Temporary Occlusion of Associative Motor Cortical Plasticity by Prior Dynamic Motor Training. <i>Cerebral Cortex</i> , 2006, 16, 376-385.	2.9	210
17	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> , 1997, 105, 415-421.	1.4	207
18	The two sides of associative plasticity in writer's cramp. <i>Brain</i> , 2006, 129, 2709-2721.	7.6	186

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19	Modulation of use-dependent plasticity by d-amphetamine. <i>Annals of Neurology</i> , 2002, 51, 59-68.	5.3	166
20	Timing-dependent plasticity in human primary somatosensory cortex. <i>Journal of Physiology</i> , 2005, 565, 1039-1052.	2.9	164
21	Studies of Neuroplasticity With Transcranial Magnetic Stimulation. <i>Journal of Clinical Neurophysiology</i> , 1998, 15, 305-324.	1.7	161
22	Encoding a motor memory in the older adult by action observation. <i>NeuroImage</i> , 2006, 29, 677-684.	4.2	158
23	Assessment of ¹⁸ F-Pi-2620 as a Biomarker in Progressive Supranuclear Palsy. <i>JAMA Neurology</i> , 2020, 77, 1408.	9.0	145
24	Consensus Paper: Probing Homeostatic Plasticity of Human Cortex With Non-invasive Transcranial Brain Stimulation. <i>Brain Stimulation</i> , 2015, 8, 442-454.	1.6	138
25	Structural brain plasticity in Parkinson's disease induced by balance training. <i>Neurobiology of Aging</i> , 2014, 35, 232-239.	3.1	135
26	Modular Organization of Finger Movements by the Human Central Nervous System. <i>Neuron</i> , 2006, 52, 731-742.	8.1	132
27	Development and evaluation of a low-cost sensor glove for assessment of human finger movements in neurophysiological settings. <i>Journal of Neuroscience Methods</i> , 2009, 178, 138-147.	2.5	125
28	Transcranial magnetic stimulation of the brain: What is stimulated? – A consensus and critical position paper. <i>Clinical Neurophysiology</i> , 2022, 140, 59-97.	1.5	124
29	Wearable sensor-based objective assessment of motor symptoms in Parkinson's disease. <i>Journal of Neural Transmission</i> , 2016, 123, 57-64.	2.8	117
30	Multimodal output mapping of human central motor representation on different spatial scales. <i>Journal of Physiology</i> , 1998, 512, 163-179.	2.9	114
31	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.	4.2	112
32	Encoding of Motor Skill in the Corticomuscular System of Musicians. <i>Current Biology</i> , 2010, 20, 1869-1874.	3.9	106
33	Consensus Paper: Probing Homeostatic Plasticity of Human Cortex With Non-invasive Transcranial Brain Stimulation. <i>Brain Stimulation</i> , 2015, 8, 993-1006.	1.6	103
34	Ventral Premotor Cortex May Be Required for Dynamic Changes in the Feeling of Limb Ownership: A Lesion Study. <i>Journal of Neuroscience</i> , 2011, 31, 4852-4857.	3.6	102
35	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. <i>Journal of Neuroscience</i> , 2010, 30, 6197-6204.	3.6	101
36	Consensus: New methodologies for brain stimulation. <i>Brain Stimulation</i> , 2009, 2, 2-13.	1.6	100

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37	Plasticity resembling spike-timing dependent synaptic plasticity: the evidence in human cortex. <i>Frontiers in Synaptic Neuroscience</i> , 2010, 2, 34.	2.5	94
38	Sensory Processing and the Rubber Hand Illusion—An Evoked Potentials Study. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 573-582.	2.3	93
39	Dissociating Parieto-Frontal Networks for Phonological and Semantic Word Decisions: A Condition-and-Perturb TMS Study. <i>Cerebral Cortex</i> , 2016, 26, 2590-2601.	2.9	93
40	Human Autoantibodies against the AMPA Receptor Subunit GluA2 Induce Receptor Reorganization and Memory Dysfunction. <i>Neuron</i> , 2018, 100, 91-105.e9.	8.1	90
41	Î±-Synuclein in Parkinson's disease: causal or bystander?. <i>Journal of Neural Transmission</i> , 2019, 126, 815-840.	2.8	88
42	Chapter 59 Paired associative stimulation. <i>Supplements To Clinical Neurophysiology</i> , 2004, 57, 563-569.	2.1	86
43	Diagnostic contribution and therapeutic perspectives of transcranial magnetic stimulation in dementia. <i>Clinical Neurophysiology</i> , 2021, 132, 2568-2607.	1.5	85
44	Dysfunction of Autonomic Nervous System in Childhood Obesity: A Cross-Sectional Study. <i>PLoS ONE</i> , 2013, 8, e54546.	2.5	81
45	Neural plasticity and its contribution to functional recovery. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2013, 110, 3-12.	1.8	79
46	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.	10.2	79
47	Theta-burst stimulation: Remote physiological and local behavioral after-effects. <i>NeuroImage</i> , 2008, 40, 265-274.	4.2	74
48	Measurements of transcallosally mediated cortical inhibition for differentiating parkinsonian syndromes. <i>Movement Disorders</i> , 2004, 19, 518-528.	3.9	72
49	Effects of riluzole on cortical excitability in patients with amyotrophic lateral sclerosis. <i>Annals of Neurology</i> , 2001, 49, 536-539.	5.3	71
50	Reduced inhibition within primary motor cortex in patients with poststroke focal motor seizures. <i>Neurology</i> , 2002, 59, 1028-1033.	1.1	68
51	Impairment of the rubber hand illusion in focal hand dystonia. <i>Brain</i> , 2011, 134, 1428-1437.	7.6	67
52	Plasticity in human motor cortex is in part genetically determined. <i>Journal of Physiology</i> , 2011, 589, 297-306.	2.9	63
53	Substantia nigra echogenicity: A structural correlate of functional impairment of the dopaminergic striatal projection in Parkinson's disease. <i>Movement Disorders</i> , 2009, 24, 1669-1675.	3.9	60
54	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.	2.6	58

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55	Simultaneous PET/Mri in Stroke: A Case Series. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1421-1425.	4.3	57
56	Structural abnormality of the substantia nigra in children with attention-deficit hyperactivity disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2010, 35, 55-58.	2.4	56
57	Placebo-Induced Changes in Excitatory and Inhibitory Corticospinal Circuits during Motor Performance. <i>Journal of Neuroscience</i> , 2014, 34, 3993-4005.	3.6	55
58	Dynamic causal modeling of touch-evoked potentials in the rubber hand illusion. <i>NeuroImage</i> , 2016, 138, 266-273.	4.2	54
59	Enhancement of motor consolidation by post-training transcranial direct current stimulation in older people. <i>Neurobiology of Aging</i> , 2017, 49, 1-8.	3.1	52
60	Sonographic evaluation of the vagus nerves: Protocol, reference values, and side-to-side differences. <i>Muscle and Nerve</i> , 2018, 57, 766-771.	2.2	49
61	Rapid short-term reorganization in the language network. <i>ELife</i> , 2017, 6, .	6.0	49
62	Enhanced catecholamine transporter binding in the locus coeruleus of patients with early Parkinson disease. <i>BMC Neurology</i> , 2011, 11, 88.	1.8	46
63	Reduced early visual emotion discrimination as an index of diminished emotion processing in Parkinson's disease? Evidence from event-related brain potentials. <i>Cortex</i> , 2012, 48, 1207-1217.	2.4	43
64	Frequency and treatment of depressive symptoms in a Parkinson's disease registry. <i>Parkinsonism and Related Disorders</i> , 2008, 14, 626-632.	2.2	42
65	Loss of topographic specificity of LTD-like plasticity is a trait marker in focal dystonia. <i>Neurobiology of Disease</i> , 2011, 42, 171-176.	4.4	41
66	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.	3.4	40
67	Cerebral Activation During Initial Motor Learning Forecasts Subsequent Sleep-Facilitated Memory Consolidation in Older Adults. <i>Cerebral Cortex</i> , 2017, 27, bhv347.	2.9	40
68	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.	7.6	39
69	Axonal Degeneration of the Vagus Nerve in Parkinson's Disease—A High-Resolution Ultrasound Study. <i>Frontiers in Neurology</i> , 2018, 9, 951.	2.4	37
70	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.	6.4	36
71	Assessment of Brainstem Function with Auricular Branch of Vagus Nerve Stimulation in Parkinson's Disease. <i>PLoS ONE</i> , 2015, 10, e0120786.	2.5	36
72	Microcircuit mechanisms involved in paired associative stimulation-induced depression of corticospinal excitability. <i>Journal of Physiology</i> , 2013, 591, 4903-4920.	2.9	33

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73	Paired associative stimulation. Supplements To Clinical Neurophysiology, 2004, 57, 563-9.	2.1	33
74	Does treatment with t-PA increase the risk of developing epilepsy after stroke?. Journal of Neurology, 2015, 262, 2364-2372.	3.6	32
75	Beneficial effects of cerebellar tDCS on motor learning are associated with altered putamen-cerebellar connectivity: A simultaneous tDCS-fMRI study. NeuroImage, 2020, 223, 117363.	4.2	32
76	Characteristics of sensory trick-like manoeuvres in jaw-opening dystonia. Movement Disorders, 2007, 22, 430-433.	3.9	31
77	Instrument specific use-dependent plasticity shapes the anatomical properties of the corpus callosum: a comparison between musicians and non-musicians. Frontiers in Behavioral Neuroscience, 2014, 8, 245.	2.0	30
78	The neuronal network involved in self-attribution of an artificial hand: A lesion network-symptom-mapping study. NeuroImage, 2018, 166, 317-324.	4.2	30
79	Binding characteristics of [¹⁸ F]PI-2620 distinguish the clinically predicted tau isoform in different tauopathies by PET. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 2957-2972.	4.3	30
80	Paired Associative Stimulation of the Auditory System: A Proof-Of-Principle Study. PLoS ONE, 2011, 6, e27088.	2.5	28
81	Functional role of ipsilateral motor areas in multiple sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 578-583.	1.9	26
82	Structural abnormality of substantia nigra induced by methamphetamine abuse. Movement Disorders, 2017, 32, 1784-1788.	3.9	26
83	Evaluation of Three Machine Learning Algorithms for the Automatic Classification of EMG Patterns in Gait Disorders. Frontiers in Neurology, 2021, 12, 666458.	2.4	24
84	Time Course of Determination of Movement Direction in the Reaction Time Task in Humans. Journal of Neurophysiology, 2001, 86, 1195-1201.	1.8	23
85	Heritability of motor control and motor learning. Physiological Reports, 2013, 1, e00188.	1.7	23
86	Differential Regulation of Human Paired Associative Stimulation-Induced and Theta-Burst Stimulation-Induced Plasticity by L-type and T-type Ca ²⁺ -Channels. Cerebral Cortex, 2016, 27, 4010-4021.	2.9	22
87	Feasibility of short imaging protocols for [¹⁸ F]PI-2620 tau-PET in progressive supranuclear palsy. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 3872-3885.	6.4	22
88	Consensus paper: Use of transcranial magnetic stimulation to probe motor cortex plasticity in dystonia and levodopa-induced dyskinesia. Brain Stimulation, 2009, 2, 108-117.	1.6	21
89	Baseline sensorimotor GABA levels shape neuroplastic processes induced by motor learning in older adults. Human Brain Mapping, 2020, 41, 3680-3695.	3.6	21
90	Dual Time-Point [¹⁸ F]Florbetaben PET Delivers Dual Biomarker Information in Mild Cognitive Impairment and Alzheimer's Disease. Journal of Alzheimer's Disease, 2018, 66, 1105-1116.	2.6	20

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91	Dual-Site Transcranial Magnetic Stimulation for the Treatment of Parkinson's Disease. <i>Frontiers in Neurology</i> , 2019, 10, 174.	2.4	20
92	Excitability decreasing central motor plasticity is retained in multiple sclerosis patients. <i>BMC Neurology</i> , 2012, 12, 92.	1.8	18
93	Nonmotor fluctuations: phenotypes, pathophysiology, management, and open issues. <i>Journal of Neural Transmission</i> , 2017, 124, 1029-1036.	2.8	18
94	Heparin for prophylaxis of venous thromboembolism in intracerebral haemorrhage. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 783-791.	1.9	18
95	Focal hand dystonia - a disorder of neuroplasticity?. <i>Brain</i> , 2003, 126, 2571-2572.	7.6	17
96	Task-specific craniocervical dystonia. <i>Movement Disorders</i> , 2008, 23, 1041-1043.	3.9	17
97	Compromised tDCS-induced facilitation of motor consolidation in patients with multiple sclerosis. <i>Journal of Neurology</i> , 2018, 265, 2302-2311.	3.6	17
98	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.	2.4	17
99	Stimulation of peripheral nerves using a novel magnetic coil. , 1999, 22, 751-757.		15
100	Alpha oscillations modulate premotor-cerebellar connectivity in motor learning: Insights from transcranial alternating current stimulation. <i>NeuroImage</i> , 2021, 241, 118410.	4.2	15
101	Failure to confirm benefit of acetyl-dl-leucine in degenerative cerebellar ataxia: a case series. <i>Journal of Neurology</i> , 2015, 262, 1373-1375.	3.6	14
102	Effect of a 1-Year Obesity Intervention (KLAKE Program) on Preexisting Autonomic Nervous Dysfunction in Childhood Obesity. <i>Journal of Child Neurology</i> , 2015, 30, 1174-1181.	1.4	14
103	Parkinsonism due to bilateral basal ganglia lesions following mastocytosis-induced hypoxia. <i>Journal of Neurology</i> , 2004, 251, 1270-1272.	3.6	13
104	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.	3.1	13
105	Correlation between sonographic morphology and function of the cervical vagus nerves. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2019, 220, 102552.	2.8	13
106	Support Vector Machine Classifiers Show High Generalizability in Automatic Fall Detection in Older Adults. <i>Sensors</i> , 2021, 21, 7166.	3.8	13
107	Multimodal assessment of autonomic dysfunction in amyotrophic lateral sclerosis. <i>European Journal of Neurology</i> , 2022, 29, 715-723.	3.3	13
108	Neuroanatomy of pain-deficiency and cross-modal activation in calcium channel subunit (CACN) $\hat{1}\pm 2\hat{1}3$ knockout mice. <i>Brain Structure and Function</i> , 2018, 223, 111-130.	2.3	12

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109	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.	4.2	12
110	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.	2.3	11
111	Light pigmentation phenotype is correlated with increased substantia nigra echogenicity. <i>Movement Disorders</i> , 2015, 30, 1848-1852.	3.9	11
112	Differential spatial representation of precision and power grasps in the human motor system. <i>NeuroImage</i> , 2017, 158, 58-69.	4.2	11
113	Altered motor plasticity in an acute relapse of multiple sclerosis. <i>European Journal of Neuroscience</i> , 2018, 47, 251-257.	2.6	11
114	Posttraining Alpha Transcranial Alternating Current Stimulation Impairs Motor Consolidation in Elderly People. <i>Neural Plasticity</i> , 2019, 2019, 1-11.	2.2	11
115	Behavioral phenotyping of calcium channel (CACN) subunit $\hat{1}\pm 2\hat{1}^3$ knockout mice: Consequences of sensory cross-modal activation. <i>Behavioural Brain Research</i> , 2019, 364, 393-402.	2.2	11
116	No enhanced (p-) $\hat{1}\pm$ -synuclein deposition in gastrointestinal tissue of Parkinson's disease patients. <i>Parkinsonism and Related Disorders</i> , 2020, 80, 82-88.	2.2	11
117	Association of Intraventricular Fibrinolysis With Clinical Outcomes in Intracerebral Hemorrhage: An Individual Participant Data Meta-Analysis. <i>Stroke</i> , 2022, 53, 2876-2886.	2.0	11
118	Sonographic abnormality of the substantia nigra in melanoma patients. <i>Movement Disorders</i> , 2013, 28, 219-224.	3.9	10
119	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.	2.4	10
120	Stimulating News about Modular Motor Control. <i>Neuron</i> , 2012, 76, 1043-1045.	8.1	9
121	Plasticity. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2013, 116, 525-534.	1.8	9
122	Multicenter ^{18}F -PI-2620 PET for In Vivo Braak Staging of Tau Pathology in Alzheimer's Disease. <i>Biomolecules</i> , 2022, 12, 458.	4.0	9
123	What does the pedunculopontine nucleus do?. <i>Neurology</i> , 2010, 75, 944-945.	1.1	8
124	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.	2.9	8
125	Interleaving Motor Sequence Training With High-Frequency Repetitive Transcranial Magnetic Stimulation Facilitates Consolidation. <i>Cerebral Cortex</i> , 2020, 30, 1030-1039.	2.9	8
126	Fronto-temporal interactions are functionally relevant for semantic control in language processing. <i>PLoS ONE</i> , 2017, 12, e0177753.	2.5	8

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127	Coherent theta oscillations in the cerebellum and supplementary motor area mediate visuomotor adaptation. <i>NeuroImage</i> , 2022, 251, 118985.	4.2	8
128	¹⁸ F-Pi-2620 Tau PET Improves the Imaging Diagnosis of Progressive Supranuclear Palsy. <i>Journal of Nuclear Medicine</i> , 2022, , jnumed.121.262854.	5.0	8
129	Practice-induced plasticity in the human motor cortex. , 2003, , 90-106.		7
130	Fluctuating neuromuscular transmission defects and inverse acetazolamide response in episodic ataxia type 2 associated with the novel CaV2.1 single amino acid substitution R2090Q. <i>Journal of the Neurological Sciences</i> , 2010, 296, 104-106.	0.6	7
131	Combined PET/MRI. <i>Neurology</i> , 2016, 86, 1926-1927.	1.1	7
132	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.	2.2	7
133	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.	1.8	7
134	Stimulation-induced plasticity in the human motor cortex. , 2003, , 135-165.		6
135	After-training emotional interference may modulate sequence awareness in a serial reaction time task. <i>Experimental Brain Research</i> , 2012, 219, 75-84.	1.5	6
136	Complementary/alternative medicine and physiotherapy usage in German cervical dystonia patients. <i>Basal Ganglia</i> , 2014, 4, 55-59.	0.3	6
137	Assessing blink reflex circuits by three different afferent routes in Parkinson's disease. <i>Clinical Neurophysiology</i> , 2019, 130, 582-587.	1.5	6
138	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.	4.1	6
139	Heritability of proprioceptive senses. <i>Journal of Applied Physiology</i> , 2018, 125, 972-982.	2.5	5
140	Lying obliquely—a clinical sign of cognitive impairment: cross sectional observational study. <i>BMJ: British Medical Journal</i> , 2009, 339, b5273-b5273.	2.3	4
141	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.	1.6	4
142	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.	3.4	4
143	Hippocampal gray matter volume in the long-term course after transient global amnesia. <i>NeuroImage: Clinical</i> , 2021, 30, 102586.	2.7	4
144	Motor Performance But Neither Motor Learning Nor Motor Consolidation Are Impaired in Chronic Cerebellar Stroke Patients. <i>Cerebellum</i> , 2020, 19, 275-285.	2.5	4

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145	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.	2.2	3
146	PET/MRI Delivers Multimodal Brain Signature in Alzheimer's Disease with De Novo PSEN1 Mutation. <i>Current Alzheimer Research</i> , 2021, 18, 178-184.	1.4	3
147	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.	2.0	3
148	Navigation-supported diagnosis of the substantia nigra by matching midbrain sonography and MRI. , 2012, , .		2
149	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
150	Differentiating neurodegenerative parkinsonian syndromes using vestibular evoked myogenic potentials and balance assessment. <i>Clinical Neurophysiology</i> , 2021, 132, 2808-2819.	1.5	2
151	Changes in TMS Measures induced by repetitive TMS. , 2012, , .		2
152	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.	2.7	2
153	Cross-frequency phase-amplitude coupling in repetitive movements in patients with Parkinson's disease. <i>Journal of Neurophysiology</i> , 2022, 127, 1606-1621.	1.8	2
154	Does dysfunction of the autonomic nervous system affect success of renal denervation in reducing blood pressure?. <i>SAGE Open Medicine</i> , 2017, 5, 205031211770203.	1.8	1
155	Motor sequence learning in patients with ideomotor apraxia: Effects of long-term training. <i>Neuropsychologia</i> , 2021, 159, 107921.	1.6	1
156	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.	3.3	1
157	Chapter 35 Enhancement and depression of cortical excitability by a paired associative stimulation protocol. <i>Supplements To Clinical Neurophysiology</i> , 2002, 54, 231-235.	2.1	0
158	Long-term recovery in critical illness myopathy is complete, contrary to polyneuropathy. <i>Muscle and Nerve</i> , 2015, 51, 624-625.	2.2	0
159	Motor System Physiology. , 2005, , 165-180.		0