

Antonio Suppa

List of Publications by Year in descending order

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178
papers

16,558
citations

26630

56
h-index

16183

124
g-index

234
all docs

234
docs citations

234
times ranked

10639
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-invasive electrical and magnetic stimulation of the brain, spinal cord and roots: basic principles and procedures for routine clinical application. Report of an IFCN committee. <i>Electroencephalography and Clinical Neurophysiology</i> , 1994, 91, 79-92.	0.3	2,685
2	The pathophysiology of primary dystonia. <i>Brain</i> , 1998, 121, 1195-1212.	7.6	746
3	Pathophysiology of bradykinesia in Parkinson's disease. <i>Brain</i> , 2001, 124, 2131-2146.	7.6	667
4	A common polymorphism in the brain-derived neurotrophic factor gene (<i>BDNF</i>) modulates human cortical plasticity and the response to rTMS. <i>Journal of Physiology</i> , 2008, 586, 5717-5725.	2.9	592
5	EFNS/MDS-ES recommendations for the diagnosis of Parkinson's disease. <i>European Journal of Neurology</i> , 2013, 20, 16-34.	3.3	460
6	PATHOPHYSIOLOGY OF BLEPHAROSPASM AND OROMANDIBULAR DYSTONIA. <i>Brain</i> , 1985, 108, 593-608.	7.6	426
7	Ten Years of Theta Burst Stimulation in Humans: Established Knowledge, Unknowns and Prospects. <i>Brain Stimulation</i> , 2016, 9, 323-335.	1.6	397
8	MOTOR CORTEX STIMULATION IN INTACT MAN. <i>Brain</i> , 1987, 110, 1191-1209.	7.6	370
9	Facilitation of muscle evoked responses after repetitive cortical stimulation in man. <i>Experimental Brain Research</i> , 1998, 122, 79-84.	1.5	369
10	Magnetic stimulation: motor evoked potentials. <i>The International Federation of Clinical Neurophysiology. Electroencephalography and Clinical Neurophysiology Supplement</i> , 1999, 52, 97-103.	0.0	323
11	Motor cortical inhibition and the dopaminergic system. <i>Brain</i> , 1994, 117, 317-323.	7.6	318
12	THE BEREITSCHAFTSPOTENTIAL IS ABNORMAL IN PARKINSON'S DISEASE. <i>Brain</i> , 1989, 112, 233-244.	7.6	274
13	THE COEXISTENCE OF BRADYKINESIA AND CHOREA IN HUNTINGTON'S DISEASE AND ITS IMPLICATIONS FOR THEORIES OF BASAL GANGLIA CONTROL OF MOVEMENT. <i>Brain</i> , 1988, 111, 223-244.	7.6	270
14	Scaling of the size of the first agonist EMG burst during rapid wrist movements in patients with Parkinson's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1986, 49, 1273-1279.	1.9	268
15	SEQUENTIAL ARM MOVEMENTS IN PATIENTS WITH PARKINSON'S DISEASE, HUNTINGTON'S DISEASE AND DYSTONIA. <i>Brain</i> , 1992, 115, 1481-1495.	7.6	246
16	Do primary adult-onset focal dystonias share aetiological factors?. <i>Brain</i> , 2007, 130, 1183-1193.	7.6	245
17	Cortical inhibition in Parkinson's disease. <i>Brain</i> , 1996, 119, 71-77.	7.6	239
18	Effects of botulinum toxin type A on intracortical inhibition in patients with dystonia. <i>Annals of Neurology</i> , 2000, 48, 20-26.	5.3	236

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19	Singleâ€‘joint rapid arm movements in normal subjects and in patients with motor disorders. <i>Brain</i> , 1996, 119, 661-674.	7.6	225
20	Physiological effects produced by botulinum toxin: Changes in reciprocal inhibition between forearm muscles. <i>Brain</i> , 1995, 118, 801-807.	7.6	203
21	Ovarian hormones and cortical excitability. An rTMS study in humans. <i>Clinical Neurophysiology</i> , 2004, 115, 1063-1068.	1.5	197
22	Pathophysiology of chorea and bradykinesia in Huntington's disease. <i>Movement Disorders</i> , 1999, 14, 398-403.	3.9	182
23	Abnormal plasticity of sensorimotor circuits extends beyond the affected body part in focal dystonia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008, 79, 985-990.	1.9	177
24	Alterations of motor cortical inhibition in patients with dystonia. <i>Movement Disorders</i> , 1998, 13, 118-124.	3.9	171
25	Transcranial magnetic stimulation techniques in clinical investigation. <i>Neurology</i> , 2002, 59, 1851-1859.	1.1	163
26	Evidence favouring presynaptic inhibition between antagonist muscle afferents in the human forearm.. <i>Journal of Physiology</i> , 1987, 391, 71-83.	2.9	136
27	Phasic Voluntary Movements Reverse the Aftereffects of Subsequent Theta-Burst Stimulation in Humans. <i>Journal of Neurophysiology</i> , 2008, 100, 2070-2076.	1.8	136
28	Effects of volitional contraction on intracortical inhibition and facilitation in the human motor cortex. <i>Journal of Physiology</i> , 2008, 586, 5147-5159.	2.9	132
29	Theta burst stimulation induces afterâ€‘effects on contralateral primary motor cortex excitability in humans. <i>Journal of Physiology</i> , 2008, 586, 4489-4500.	2.9	128
30	Somatosensory temporal discrimination in patients with primary focal dystonia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2009, 80, 1315-1319.	1.9	127
31	Consensus paper on short-interval intracortical inhibition and other transcranial magnetic stimulation intracortical paradigms in movement disorders. <i>Brain Stimulation</i> , 2008, 1, 183-191.	1.6	123
32	FUNCTIONAL ORGANIZATION OF THE TRIGEMINAL MOTOR SYSTEM IN MAN. <i>Brain</i> , 1989, 112, 1333-1350.	7.6	122
33	Correlation between cortical plasticity, motor learning and BDNF genotype in healthy subjects. <i>Experimental Brain Research</i> , 2011, 212, 91-99.	1.5	120
34	Motor cortex excitability following short trains of repetitive magnetic stimuli. <i>Experimental Brain Research</i> , 2001, 140, 453-459.	1.5	118
35	Facial bradykinesia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 681-685.	1.9	117
36	Functional reorganization of sensorimotor cortex in early Parkinson disease. <i>Neurology</i> , 2012, 78, 1441-1448.	1.1	107

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37	Lack of LTP-like plasticity in primary motor cortex in Parkinson's disease. <i>Experimental Neurology</i> , 2011, 227, 296-301.	4.1	106
38	Abnormal Salivary Total and Oligomeric Alpha-Synuclein in Parkinson's Disease. <i>PLoS ONE</i> , 2016, 11, e0151156.	2.5	100
39	Intronic ATTTC repeat expansions in STARD7 in familial adult myoclonic epilepsy linked to chromosome 2. <i>Nature Communications</i> , 2019, 10, 4920.	12.8	99
40	Direct demonstration of the effects of repetitive transcranial magnetic stimulation on the excitability of the human motor cortex. <i>Experimental Brain Research</i> , 2002, 144, 549-553.	1.5	98
41	Blink reflex and the masseter inhibitory reflex in patients with dystonia. <i>Movement Disorders</i> , 1993, 8, 495-500.	3.9	96
42	Diffusion tensor imaging in patients with primary cervical dystonia and in patients with blepharospasm. <i>European Journal of Neurology</i> , 2008, 15, 185-189.	3.3	95
43	Diffusion tensor imaging in primary cervical dystonia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005, 76, 1591-1593.	1.9	89
44	Altered response to rTMS in patients with Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2006, 117, 103-109.	1.5	86
45	Rapid elbow movements in patients with torsion dystonia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1989, 52, 1043-1049.	1.9	83
46	Tactile temporal discrimination in patients with blepharospasm. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008, 79, 796-798.	1.9	81
47	Subthalamic nucleus stimulation and somatosensory temporal discrimination in Parkinson's disease. <i>Brain</i> , 2010, 133, 2656-2663.	7.6	80
48	Changes in the cortical silent period after repetitive magnetic stimulation of cortical motor areas. <i>Experimental Brain Research</i> , 2000, 135, 504-510.	1.5	78
49	Shortened cortical silent period in facial muscles of patients with cranial dystonia. <i>Neurology</i> , 2000, 54, 130-130.	1.1	78
50	Effects of repetitive cortical stimulation on the silent period evoked by magnetic stimulation. <i>Experimental Brain Research</i> , 1999, 125, 82-86.	1.5	76
51	Electromyographic silent period after transcranial brain stimulation in huntington's disease. <i>Movement Disorders</i> , 2004, 9, 178-182.	3.9	73
52	Abnormalities of motor cortex excitability preceding movement in patients with dystonia. <i>Brain</i> , 2003, 126, 1745-1754.	7.6	70
53	Clinical value of botulinum toxin in neurological indications. <i>European Journal of Neurology</i> , 2006, 13, 20-26.	3.3	70
54	Antiepileptic drugs and cortical excitability: a study with repetitive transcranial stimulation. <i>Experimental Brain Research</i> , 2004, 154, 488-493.	1.5	68

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55	Voluntary, spontaneous and reflex blinking in patients with clinically probable progressive supranuclear palsy. <i>Brain</i> , 2008, 132, 502-510.	7.6	64
56	Performance of sequential arm movements with and without advance knowledge of motor pathways in Parkinson's disease. <i>Movement Disorders</i> , 1997, 12, 646-654.	3.9	62
57	Salivary alpha-synuclein in the diagnosis of Parkinson's disease and Progressive Supranuclear Palsy. <i>Parkinsonism and Related Disorders</i> , 2019, 63, 143-148.	2.2	61
58	Fifteen Years of Wireless Sensors for Balance Assessment in Neurological Disorders. <i>Sensors</i> , 2020, 20, 3247.	3.8	61
59	The corneal reflex and the R2 component of the blink reflex. <i>Neurology</i> , 1985, 35, 797-797.	1.1	60
60	Prediction of Freezing of Gait in Parkinson's Disease Using Wearables and Machine Learning. <i>Sensors</i> , 2021, 21, 614.	3.8	60
61	The orbicularis oculi response after hemispherical damage.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1983, 46, 837-843.	1.9	55
62	Craniocervical dystonia: clinical and pathophysiological features. <i>European Journal of Neurology</i> , 2010, 17, 15-21.	3.3	55
63	Corneal and blink reflexes in Parkinson's disease with 'on-off' fluctuations. <i>Movement Disorders</i> , 1987, 2, 227-235.	3.9	53
64	Movement cueing and motor execution in patients with dystonia: A kinematic study. <i>Movement Disorders</i> , 2000, 15, 103-112.	3.9	53
65	Abnormal cortical facilitation and L-dopa-induced dyskinesia in Parkinson's disease. <i>Brain Stimulation</i> , 2019, 12, 1517-1525.	1.6	53
66	Clinical impairment of sequential finger movements in Parkinson's disease. <i>Movement Disorders</i> , 1998, 13, 418-421.	3.9	52
67	The prolonged cortical silent period in patients with Huntington's disease. <i>Clinical Neurophysiology</i> , 2001, 112, 1470-1474.	1.5	52
68	Impaired eye blink classical conditioning distinguishes dystonic patients with and without tremor. <i>Parkinsonism and Related Disorders</i> , 2016, 31, 23-27.	2.2	52
69	Boosting the LTP-like plasticity effect of intermittent theta-burst stimulation using gamma transcranial alternating current stimulation. <i>Brain Stimulation</i> , 2018, 11, 734-742.	1.6	52
70	Wearable Sensors System for an Improved Analysis of Freezing of Gait in Parkinson's Disease Using Electromyography and Inertial Signals. <i>Sensors</i> , 2019, 19, 948.	3.8	51
71	Enhancing Gamma Oscillations Restores Primary Motor Cortex Plasticity in Parkinson's Disease. <i>Journal of Neuroscience</i> , 2020, 40, 4788-4796.	3.6	51
72	Botulinum toxin restores presynaptic inhibition of group Ia afferents in patients with essential tremor. <i>Muscle and Nerve</i> , 1998, 21, 1701-1705.	2.2	49

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73	Abnormal Cortical Synaptic Plasticity in Primary Motor Area in Progressive Supranuclear Palsy. <i>Cerebral Cortex</i> , 2012, 22, 693-700.	2.9	49
74	Abnormal cortical and brain stem plasticity in Gilles de la Tourette syndrome. <i>Movement Disorders</i> , 2011, 26, 1703-1710.	3.9	47
75	Abnormal experimentally- and behaviorally-induced LTP-like plasticity in focal hand dystonia. <i>Experimental Neurology</i> , 2013, 240, 64-74.	4.1	47
76	Analysis of repetitive and nonrepetitive sequential arm movements in patients with Parkinson's disease. <i>Movement Disorders</i> , 1994, 9, 311-314.	3.9	46
77	How pain arises in Parkinson's disease?. <i>European Journal of Neurology</i> , 2013, 20, 1517-1523.	3.3	46
78	Theta burst stimulation over primary motor cortex degrades early motor learning. <i>European Journal of Neuroscience</i> , 2010, 31, 585-592.	2.6	45
79	Is increased blinking a form of blepharospasm?. <i>Neurology</i> , 2013, 80, 2236-2241.	1.1	44
80	Dopamine Influences Primary Motor Cortex Plasticity and Dorsal Premotor-to-Motor Connectivity in Parkinson's Disease. <i>Cerebral Cortex</i> , 2010, 20, 2224-2233.	2.9	43
81	Fifty years of progressive supranuclear palsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 938-944.	1.9	43
82	Correlation between facial involuntary movements and abnormalities of blink and corneal reflexes in Huntington's chorea. <i>Movement Disorders</i> , 1988, 3, 281-289.	3.9	42
83	Motor cortical excitability studied with repetitive transcranial magnetic stimulation in patients with Huntington's disease. <i>Clinical Neurophysiology</i> , 2006, 117, 1677-1681.	1.5	42
84	Spinal and cortical inhibition in huntington's chorea. <i>Movement Disorders</i> , 2000, 15, 938-946.	3.9	41
85	Heat-Evoked Experimental Pain Induces Long-Term Potentiation-Like Plasticity in Human Primary Motor Cortex. <i>Cerebral Cortex</i> , 2013, 23, 1942-1951.	2.9	41
86	Effects of 5 Hz subthreshold magnetic stimulation of primary motor cortex on fast finger movements in normal subjects. <i>Experimental Brain Research</i> , 2007, 180, 105-111.	1.5	40
87	Mirror movements in patients with Parkinson's disease. <i>Movement Disorders</i> , 2008, 23, 253-258.	3.9	40
88	Clinical, neuropsychological, neurophysiologic, and genetic features of a new Italian pedigree with familial cortical myoclonic tremor with epilepsy. <i>Epilepsia</i> , 2009, 50, 1284-1288.	5.1	40
89	Preconditioning Repetitive Transcranial Magnetic Stimulation of Premotor Cortex Can Reduce But Not Enhance Short-Term Facilitation of Primary Motor Cortex. <i>Journal of Neurophysiology</i> , 2008, 99, 564-570.	1.8	39
90	Cortical and brainstem plasticity in Tourette syndrome and obsessive-compulsive disorder. <i>Movement Disorders</i> , 2014, 29, 1523-1531.	3.9	39

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91	Effects of intermittent thetaâ€burst stimulation on practiceâ€related changes in fast finger movements in healthy subjects. <i>European Journal of Neuroscience</i> , 2008, 28, 822-828.	2.6	38
92	Fast voluntary neck movements in patients with cervical dystonia: A kinematic study before and after therapy with botulinum toxin type A. <i>Clinical Neurophysiology</i> , 2008, 119, 273-280.	1.5	38
93	Spread of electrical activity at cortical level after repetitive magnetic stimulation in normal subjects. <i>Experimental Brain Research</i> , 2002, 147, 186-192.	1.5	37
94	Short-term and long-term plasticity interaction in human primary motor cortex. <i>European Journal of Neuroscience</i> , 2011, 33, 1908-1915.	2.6	37
95	Fatigue in Parkinson's disease: Motor or non-motor symptom?. <i>Parkinsonism and Related Disorders</i> , 2013, 19, 148-152.	2.2	37
96	Excitatory and inhibitory after-effects after repetitive magnetic transcranial stimulation (rTMS) in normal subjects. <i>Experimental Brain Research</i> , 2007, 176, 588-593.	1.5	35
97	Somatosensory temporal discrimination threshold may help to differentiate patients with multiple system atrophy from patients with <sc>P</sc>arkinson's disease. <i>European Journal of Neurology</i> , 2013, 20, 714-719.	3.3	35
98	The Italian Dystonia Registry: rationale, design and preliminary findings. <i>Neurological Sciences</i> , 2017, 38, 819-825.	1.9	35
99	Voice analysis in adductor spasmodic dysphonia: Objective diagnosis and response to botulinum toxin. <i>Parkinsonism and Related Disorders</i> , 2020, 73, 23-30.	2.2	35
100	Machine-Learning Analysis of Voice Samples Recorded through Smartphones: The Combined Effect of Ageing and Gender. <i>Sensors</i> , 2020, 20, 5022.	3.8	34
101	Somatosensory evoked potentials and high frequency oscillations are differently modulated by theta burst stimulation over primary somatosensory cortex in humans. <i>Clinical Neurophysiology</i> , 2010, 121, 2097-2103.	1.5	33
102	Effects of Transcranial Alternating Current Stimulation on Repetitive Finger Movements in Healthy Humans. <i>Neural Plasticity</i> , 2018, 2018, 1-10.	2.2	33
103	LTD-like plasticity of the human primary motor cortex can be reversed by $\hat{1}^3$ -tACS. <i>Brain Stimulation</i> , 2019, 12, 1490-1499.	1.6	33
104	Voice Analysis with Machine Learning: One Step Closer to an Objective Diagnosis of Essential Tremor. <i>Movement Disorders</i> , 2021, 36, 1401-1410.	3.9	33
105	Cortical excitability in patients with essential tremor. , 1998, 21, 1304-1308.		32
106	Synaptic potentiation induced by rTMS: effect of lidocaine infusion. <i>Experimental Brain Research</i> , 2005, 163, 114-117.	1.5	32
107	Voice in Parkinson's Disease: A Machine Learning Study. <i>Frontiers in Neurology</i> , 2022, 13, 831428.	2.4	32
108	Early Visuomotor Integration Processes Induce LTP/LTD-Like Plasticity in the Human Motor Cortex. <i>Cerebral Cortex</i> , 2015, 25, 703-712.	2.9	30

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109	Intracortical modulation of corticalâ€bulbar responses for the masseter muscle. Journal of Physiology, 2008, 586, 3385-3404.	2.9	28
110	Primary motor cortex longâ€term plasticity in multiple system atrophy. Movement Disorders, 2014, 29, 97-104.	3.9	28
111	Neuroimaging evidence of gray and white matter damage and clinical correlates in progressive supranuclear palsy. Journal of Neurology, 2015, 262, 1850-1858.	3.6	28
112	Gray and white matter structural changes in corticobasal syndrome. Neurobiology of Aging, 2016, 37, 82-90.	3.1	28
113	Clinical neurophysiology of Parkinsonâ€™s disease and parkinsonism. Clinical Neurophysiology Practice, 2022, 7, 201-227.	1.4	28
114	Pathophysiology of pain and fatigue in Parkinson's disease. Parkinsonism and Related Disorders, 2012, 18, S226-S228.	2.2	27
115	Disrupted Resting-State Functional Connectivity in Progressive Supranuclear Palsy. American Journal of Neuroradiology, 2015, 36, 915-921.	2.4	27
116	Onset and spread of dyskinesias and motor symptoms in Parkinson's disease. Movement Disorders, 2009, 24, 2091-2096.	3.9	26
117	Does the cerebellum intervene in the abnormal somatosensory temporal discrimination in Parkinson's disease?. Parkinsonism and Related Disorders, 2015, 21, 789-792.	2.2	26
118	Therapeutic interventions in parkinsonism: Corticobasal degeneration. Parkinsonism and Related Disorders, 2016, 22, S96-S100.	2.2	23
119	Are studies of motor cortex plasticity relevant in human patients with Parkinsonâ€™s disease?. Clinical Neurophysiology, 2016, 127, 50-59.	1.5	23
120	Abnormal motor cortex excitability during linguistic tasks in adductorâ€type spasmodic dysphonia. European Journal of Neuroscience, 2015, 42, 2051-2060.	2.6	22
121	Rest tremor in idiopathic adultâ€onset dystonia. European Journal of Neurology, 2016, 23, 935-939.	3.3	21
122	Neuropsychiatric disturbances in atypical parkinsonian disorders. Neuropsychiatric Disease and Treatment, 2018, Volume 14, 2643-2656.	2.2	21
123	Clinical heterogeneity in patients with idiopathic blepharospasm: A cluster analysis. Parkinsonism and Related Disorders, 2017, 40, 64-68.	2.2	19
124	Stand-Alone Wearable System for Ubiquitous Real-Time Monitoring of Muscle Activation Potentials. Sensors, 2018, 18, 1748.	3.8	19
125	MRI gray and white matter measures in progressive supranuclear palsy and corticobasal syndrome. Journal of Neurology, 2016, 263, 2022-2031.	3.6	18
126	Reactive Postural Responses to Continuous Yaw Perturbations in Healthy Humans: The Effect of Aging. Sensors, 2020, 20, 63.	3.8	18

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127	Shedding Light on Nocturnal Movements in Parkinson's Disease: Evidence from Wearable Technologies. <i>Sensors</i> , 2020, 20, 5171.	3.8	18
128	Muscle Synergies in Parkinson's Disease. <i>Sensors</i> , 2020, 20, 3209.	3.8	18
129	Inferior Parietal Lobule Encodes Visual Temporal Resolution Processes Contributing to the Critical Flicker Frequency Threshold in Humans. <i>PLoS ONE</i> , 2014, 9, e98948.	2.5	18
130	Short-term cortical plasticity in patients with dystonia: A study with repetitive transcranial magnetic stimulation. <i>Movement Disorders</i> , 2007, 22, 1436-1443.	3.9	17
131	Brain-derived neurotrophic factor and risk for primary adult-onset cranial-cervical dystonia. <i>European Journal of Neurology</i> , 2009, 16, 949-952.	3.3	17
132	Botulinum toxin and blink rate in patients with blepharospasm and increased blinking. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 336-340.	1.9	16
133	Re-emergent tremor in Parkinson's disease: the effect of dopaminergic treatment. <i>European Journal of Neurology</i> , 2018, 25, 799-804.	3.3	16
134	Noninvasive brain stimulation in Huntington's disease. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2013, 116, 555-560.	1.8	15
135	Smart Sensing Systems for the Detection of Human Motion Disorders. <i>Procedia Engineering</i> , 2015, 120, 324-327.	1.2	14
136	Primary motor cortex LTP/LTD-like plasticity in probable corticobasal syndrome. <i>Journal of Neurophysiology</i> , 2016, 115, 717-727.	1.8	14
137	Early balance impairment in Parkinson's Disease: Evidence from Robot-assisted axial rotations. <i>Clinical Neurophysiology</i> , 2021, 132, 2422-2430.	1.5	14
138	Motor cortex plasticity in Parkinson's disease: Advances and controversies. <i>Clinical Neurophysiology</i> , 2012, 123, 640-641.	1.5	13
139	Fostering Voice Objective Analysis in Patients with Movement Disorders. <i>Movement Disorders</i> , 2021, 36, 1041-1041.	3.9	13
140	Predicting Axial Impairment in Parkinson's Disease through a Single Inertial Sensor. <i>Sensors</i> , 2022, 22, 412.	3.8	13
141	Wearable Electrochemical Sensors in Parkinson's Disease. <i>Sensors</i> , 2022, 22, 951.	3.8	13
142	Does the Somatosensory Temporal Discrimination Threshold Change over Time in Focal Dystonia?. <i>Neural Plasticity</i> , 2017, 2017, 1-6.	2.2	12
143	An integrated approach for chemical water quality assessment of an urban river stretch through Effect-Based Methods and emerging pollutants analysis with a focus on genotoxicity. <i>Journal of Environmental Management</i> , 2021, 300, 113549.	7.8	12
144	The Photoparoxysmal Response Reflects Abnormal Early Visuomotor Integration in the Human Motor Cortex. <i>Brain Stimulation</i> , 2015, 8, 1151-1161.	1.6	11

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145	Long-term changes in short-interval intracortical facilitation modulate motor cortex plasticity and L-dopa-induced dyskinesia in Parkinson's disease. <i>Brain Stimulation</i> , 2022, 15, 99-108.	1.6	11
146	Neither simple nor sequential arm movements are bradykinetic in parkinsonian patients with peak-dose dyskinesias. <i>Clinical Neurophysiology</i> , 2005, 116, 2077-2082.	1.5	9
147	Measuring age-related differences in kinematic postural strategies under yaw perturbation. , 2018, , .		9
148	Recent advances in the pathophysiology of Parkinson's disease: Evidence from fMRI and TMS studies. <i>Experimental Neurology</i> , 2011, 227, 10-12.	4.1	8
149	Somatosensory temporal discrimination threshold is impaired in patients with multiple sclerosis. <i>Clinical Neurophysiology</i> , 2016, 127, 1940-1941.	1.5	8
150	Polymorphisms in predator induced defences of coexisting <i>Daphnia pulex</i> and <i>D. longispina</i> . <i>Hydrobiologia</i> , 2018, 823, 121-133.	2.0	8
151	Visual hallucinations in Lewy body disease: pathophysiological insights from phenomenology. <i>Journal of Neurology</i> , 2022, 269, 3636-3652.	3.6	8
152	Horizons in LTP-like plasticity in human primary motor cortex. <i>Clinical Neurophysiology</i> , 2012, 123, 2111-2113.	1.5	7
153	Altered speech-related cortical network in frontotemporal dementia. <i>Brain Stimulation</i> , 2020, 13, 765-773.	1.6	7
154	Further insights into the effect of BDNF genotype on non-invasive brain stimulation. <i>Clinical Neurophysiology</i> , 2015, 126, 1281-1283.	1.5	6
155	Smart sensors for the recognition of specific human motion disorders in Parkinson's disease. , 2015, , .		6
156	Embedded Wearable Integrating Real-Time Processing of Electromyography Signals. <i>Proceedings (mdpi)</i> , 2017, 1, .	0.2	6
157	Tremor in motor neuron disease may be central rather than peripheral in origin. <i>European Journal of Neurology</i> , 2019, 26, 394.	3.3	5
158	Wearable Wireless Inertial Sensors for Long-Time Monitoring of Specific Motor Symptoms in Parkinson's Disease. , 2015, , .		5
159	Parkinson's disease and Levodopa effects on muscle synergies in postural perturbation. , 2019, , .		4
160	Environmental conditions as proximate cues of predation risk inducing defensive response in <i>Daphnia pulex</i> . <i>Biologia (Poland)</i> , 2021, 76, 623-632.	1.5	4
161	Reply to: "Reproducibility of Voice Analysis with Machine Learning". <i>Movement Disorders</i> , 2021, 36, 1283-1284.	3.9	4
162	L-DOPA and cortical associative plasticity in Parkinson's disease. <i>Clinical Neurophysiology</i> , 2013, 124, 638-639.	1.5	2

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163	Promoting endogenous associative plasticity in human primary motor cortex. <i>Journal of Physiology</i> , 2013, 591, 7-8.	2.9	2
164	Does EMG provide essential information for the diagnosis and treatment of blepharospasm?. <i>Clinical Neurophysiology</i> , 2020, 131, 1660-1661.	1.5	2
165	Transgenerational effects of methyl farnesoate on <i>Daphnia pulex</i> clones: Male and ehippia production and expression of genes involved in sex determination. <i>Freshwater Biology</i> , 2021, 66, 374-390.	2.4	2
166	Long-Term Polygraphic Monitoring through MEMS and Charge Transfer for Low-Power Wearable Applications. <i>Sensors</i> , 2022, 22, 2566.	3.8	2
167	Unraveling Acetylcholine Impact on Human Cortical Plasticity. <i>Journal of Neuroscience</i> , 2012, 32, 10795-10796.	3.6	1
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