

Matteo Bologna

List of Publications by Year in descending order

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Version: 2024-02-01

117
papers

3,605
citations

109137

35
h-index

182168

51
g-index

118
all docs

118
docs citations

118
times ranked

3413
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation between cortical plasticity, motor learning and BDNF genotype in healthy subjects. <i>Experimental Brain Research</i> , 2011, 212, 91-99.	0.7	120
2	Evolving concepts on bradykinesia. <i>Brain</i> , 2020, 143, 727-750.	3.7	120
3	Facial bradykinesia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 681-685.	0.9	117
4	Voluntary, spontaneous, and reflex blinking in Parkinson's disease. <i>Movement Disorders</i> , 2008, 23, 669-675.	2.2	114
5	Functional reorganization of sensorimotor cortex in early Parkinson disease. <i>Neurology</i> , 2012, 78, 1441-1448.	1.5	107
6	A Comparative Study of Primary and Secondary Hemifacial Spasm. <i>Archives of Neurology</i> , 2006, 63, 441.	4.9	106
7	Neurophysiological correlates of bradykinesia in Parkinson's disease. <i>Brain</i> , 2018, 141, 2432-2444.	3.7	99
8	Diagnostic contribution and therapeutic perspectives of transcranial magnetic stimulation in dementia. <i>Clinical Neurophysiology</i> , 2021, 132, 2568-2607.	0.7	85
9	Facial Emotion Recognition and Expression in Parkinson's Disease: An Emotional Mirror Mechanism?. <i>PLoS ONE</i> , 2017, 12, e0169110.	1.1	83
10	Botulinum toxin injections reduce associative plasticity in patients with primary dystonia. <i>Movement Disorders</i> , 2011, 26, 1282-1289.	2.2	67
11	Voluntary, spontaneous and reflex blinking in patients with clinically probable progressive supranuclear palsy. <i>Brain</i> , 2008, 132, 502-510.	3.7	64
12	Bradykinesia in early and advanced Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2016, 369, 286-291.	0.3	63
13	Poor self-awareness of levodopa-induced dyskinesias in Parkinson's disease: Clinical features and mechanisms. <i>Parkinsonism and Related Disorders</i> , 2013, 19, 1004-1008.	1.1	61
14	Driving motor cortex oscillations modulates bradykinesia in Parkinson's disease. <i>Brain</i> , 2022, 145, 224-236.	3.7	57
15	Effects of cerebellar theta-burst stimulation on arm and neck movement kinematics in patients with focal dystonia. <i>Clinical Neurophysiology</i> , 2016, 127, 3472-3479.	0.7	56
16	Craniocervical dystonia: clinical and pathophysiological features. <i>European Journal of Neurology</i> , 2010, 17, 15-21.	1.7	55
17	Cerebellar theta burst stimulation impairs eyeblink classical conditioning. <i>Journal of Physiology</i> , 2012, 590, 887-897.	1.3	55
18	Transcranial magnetic stimulation follow-up study in early Parkinson's disease: A decline in compensation with disease progression?. <i>Movement Disorders</i> , 2015, 30, 1098-1106.	2.2	55

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19	Primary somatosensory cortical plasticity and tactile temporal discrimination in focal hand dystonia. <i>Clinical Neurophysiology</i> , 2014, 125, 537-543.	0.7	53
20	Reduced facial expressiveness in Parkinson's disease: A pure motor disorder?. <i>Journal of the Neurological Sciences</i> , 2015, 358, 125-130.	0.3	52
21	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.	0.7	52
22	Enhancing Gamma Oscillations Restores Primary Motor Cortex Plasticity in Parkinson's Disease. <i>Journal of Neuroscience</i> , 2020, 40, 4788-4796.	1.7	51
23	Cerebellum-dependent associative learning deficits in primary dystonia are normalized by rTMS and practice. <i>European Journal of Neuroscience</i> , 2013, 38, 2166-2171.	1.2	50
24	Cerebellum: An explanation for dystonia?. <i>Cerebellum and Ataxias</i> , 2017, 4, 6.	1.9	50
25	Abnormal Cortical Synaptic Plasticity in Primary Motor Area in Progressive Supranuclear Palsy. <i>Cerebral Cortex</i> , 2012, 22, 693-700.	1.6	49
26	Effects of subthalamic nucleus deep brain stimulation and l-dopa on blinking in Parkinson's disease. <i>Experimental Neurology</i> , 2012, 235, 265-272.	2.0	49
27	Abnormal cortical and brain stem plasticity in Gilles de la Tourette syndrome. <i>Movement Disorders</i> , 2011, 26, 1703-1710.	2.2	47
28	Effects of cerebellar continuous theta burst stimulation on resting tremor in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 1061-1066.	1.1	45
29	Fifty years of progressive supranuclear palsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 938-944.	0.9	43
30	The cerebellum and dystonia. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 155, 259-272.	1.0	41
31	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.	0.9	39
32	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.	0.7	38
33	Cerebellar Continuous Theta Burst Stimulation in Essential Tremor. <i>Cerebellum</i> , 2015, 14, 133-141.	1.4	38
34	Re-emergent tremor in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2017, 36, 41-46.	1.1	38
35	Transcranial Alternating Current Stimulation Has Frequency-Dependent Effects on Motor Learning in Healthy Humans. <i>Neuroscience</i> , 2019, 411, 130-139.	1.1	38
36	Short-term and long-term plasticity interaction in human primary motor cortex. <i>European Journal of Neuroscience</i> , 2011, 33, 1908-1915.	1.2	37

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37	Bradykinesia in Alzheimer's disease and its neurophysiological substrates. <i>Clinical Neurophysiology</i> , 2020, 131, 850-858.	0.7	36
38	Functional disconnection of the dentate nucleus in essential tremor. <i>Journal of Neurology</i> , 2020, 267, 1358-1367.	1.8	35
39	Hypomimia in Parkinson's disease: an axial sign responsive to levodopa. <i>European Journal of Neurology</i> , 2020, 27, 2422-2429.	1.7	34
40	Bradykinesia of posed smiling and voluntary movement of the lower face in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 370-375.	1.1	33
41	Altered Kinematics of Facial Emotion Expression and Emotion Recognition Deficits Are Unrelated in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2016, 7, 230.	1.1	33
42	Effects of Transcranial Alternating Current Stimulation on Repetitive Finger Movements in Healthy Humans. <i>Neural Plasticity</i> , 2018, 2018, 1-10.	1.0	33
43	LTD-like plasticity of the human primary motor cortex can be reversed by \hat{I}^3 -tACS. <i>Brain Stimulation</i> , 2019, 12, 1490-1499.	0.7	33
44	Cerebellar continuous theta-burst stimulation affects motor learning of voluntary arm movements in humans. <i>European Journal of Neuroscience</i> , 2014, 39, 124-131.	1.2	32
45	Reversal of Practice-related Effects on Corticospinal Excitability has no Immediate Effect on Behavioral Outcome. <i>Brain Stimulation</i> , 2015, 8, 603-612.	0.7	31
46	Abnormal Resting-State Functional Connectivity in Progressive Supranuclear Palsy and Corticobasal Syndrome. <i>Frontiers in Neurology</i> , 2017, 8, 248.	1.1	30
47	The continuum between neurodegeneration, brain plasticity, and movement: a critical appraisal. <i>Reviews in the Neurosciences</i> , 2020, 31, 723-742.	1.4	30
48	The effect of L-dopa in Parkinson's disease as revealed by neurophysiological studies of motor and sensory functions. <i>Expert Review of Neurotherapeutics</i> , 2017, 17, 181-192.	1.4	29
49	Neuroimaging evidence of gray and white matter damage and clinical correlates in progressive supranuclear palsy. <i>Journal of Neurology</i> , 2015, 262, 1850-1858.	1.8	28
50	Understanding the link between somatosensory temporal discrimination and movement execution in healthy subjects. <i>Physiological Reports</i> , 2016, 4, e12899.	0.7	28
51	Clinical neurophysiology of Parkinson's disease and parkinsonism. <i>Clinical Neurophysiology Practice</i> , 2022, 7, 201-227.	0.6	28
52	Pathophysiology of pain and fatigue in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2012, 18, S226-S228.	1.1	27
53	Disrupted Resting-State Functional Connectivity in Progressive Supranuclear Palsy. <i>American Journal of Neuroradiology</i> , 2015, 36, 915-921.	1.2	27
54	Does the cerebellum intervene in the abnormal somatosensory temporal discrimination in Parkinson's disease?. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 789-792.	1.1	26

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55	Parkinson's disease advanced therapies - A systematic review: More unanswered questions than guidance. <i>Parkinsonism and Related Disorders</i> , 2021, 83, 132-139.	1.1	26
56	The pathophysiology of Parkinson's disease tremor. <i>Journal of the Neurological Sciences</i> , 2022, 435, 120196.	0.3	26
57	Functional disconnection of thalamic and cerebellar dentate nucleus networks in progressive supranuclear palsy and corticobasal syndrome. <i>Parkinsonism and Related Disorders</i> , 2017, 39, 52-57.	1.1	25
58	Neurophysiological studies on atypical parkinsonian syndromes. <i>Parkinsonism and Related Disorders</i> , 2017, 42, 12-21.	1.1	25
59	Tremor Distribution and the Variable Clinical Presentation of Essential Tremor. <i>Cerebellum</i> , 2019, 18, 866-872.	1.4	25
60	Dystonia in atypical parkinsonian disorders. <i>Parkinsonism and Related Disorders</i> , 2019, 66, 25-33.	1.1	25
61	White matter rather than gray matter damage characterizes essential tremor. <i>European Radiology</i> , 2019, 29, 6634-6642.	2.3	24
62	Emerging concepts on bradykinesia in non-parkinsonian conditions. <i>European Journal of Neurology</i> , 2021, 28, 2403-2422.	1.7	24
63	Are studies of motor cortex plasticity relevant in human patients with Parkinson's disease?. <i>Clinical Neurophysiology</i> , 2016, 127, 50-59.	0.7	23
64	Is there evidence of bradykinesia in essential tremor?. <i>European Journal of Neurology</i> , 2020, 27, 1501-1509.	1.7	23
65	Attention-related changes in short-term cortical plasticity help to explain fatigue in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2016, 22, 1359-1366.	1.4	22
66	The Contribution of Neuroimaging to the Understanding of Essential Tremor Pathophysiology: a Systematic Review. <i>Cerebellum</i> , 2022, 21, 1029-1051.	1.4	22
67	Differential effects of propranolol on head and upper limb tremor in patients with essential tremor and dystonia. <i>Journal of Neurology</i> , 2018, 265, 2695-2703.	1.8	21
68	Cognitive behavioral group therapy versus psychoeducational intervention in Parkinson's disease. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 399-405.	1.0	21
69	Differential effects of motor skill acquisition on the primary motor and sensory cortices in healthy humans. <i>Journal of Physiology</i> , 2020, 598, 4031-4045.	1.3	20
70	Motor dysfunction in mild cognitive impairment as tested by kinematic analysis and transcranial magnetic stimulation. <i>Clinical Neurophysiology</i> , 2021, 132, 315-322.	0.7	20
71	Kinematic and Diffusion Tensor Imaging Definition of Familial Marcus Gunn Jaw-Winking Synkinesis. <i>PLoS ONE</i> , 2012, 7, e51749.	1.1	18
72	MRI gray and white matter measures in progressive supranuclear palsy and corticobasal syndrome. <i>Journal of Neurology</i> , 2016, 263, 2022-2031.	1.8	18

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73	Inferior Parietal Lobule Encodes Visual Temporal Resolution Processes Contributing to the Critical Flicker Frequency Threshold in Humans. <i>PLoS ONE</i> , 2014, 9, e98948.	1.1	18
74	Short-term cortical plasticity in patients with dystonia: A study with repetitive transcranial magnetic stimulation. <i>Movement Disorders</i> , 2007, 22, 1436-1443.	2.2	17
75	Practice-related reduction of electromyographic mirroring activity depends on basal levels of interhemispheric inhibition. <i>European Journal of Neuroscience</i> , 2012, 36, 3749-3757.	1.2	17
76	Corticobasal syndrome: neuroimaging and neurophysiological advances. <i>European Journal of Neurology</i> , 2019, 26, 701.	1.7	17
77	The timing and intensity of transcranial magnetic stimulation, and the scalp site stimulated, as variables influencing motor sequence performance in healthy subjects. <i>Experimental Brain Research</i> , 2005, 166, 43-55.	0.7	16
78	Botulinum toxin and blink rate in patients with blepharospasm and increased blinking. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 336-340.	0.9	16
79	Metaplasticity of the human trigeminal blink reflex. <i>European Journal of Neuroscience</i> , 2010, 32, 1707-1714.	1.2	15
80	Blinking in patients with clinically probable multiple system atrophy. <i>Movement Disorders</i> , 2014, 29, 415-420.	2.2	15
81	Clinical and Kinematic Features of Valproate-Induced Tremor and Differences with Essential Tremor. <i>Cerebellum</i> , 2021, 20, 374-383.	1.4	15
82	Smart Sensing Systems for the Detection of Human Motion Disorders. <i>Procedia Engineering</i> , 2015, 120, 324-327.	1.2	14
83	Motor cortex plasticity in Parkinson's disease: Advances and controversies. <i>Clinical Neurophysiology</i> , 2012, 123, 640-641.	0.7	13
84	Neuroimaging correlates of blinking abnormalities in patients with progressive supranuclear palsy. <i>Movement Disorders</i> , 2016, 31, 138-143.	2.2	13
85	Reversal of long term potentiation-like plasticity in primary motor cortex in patients with progressive supranuclear palsy. <i>Clinical Neurophysiology</i> , 2017, 128, 1547-1552.	0.7	11
86	Emotional facedness in Parkinson's disease. <i>Journal of Neural Transmission</i> , 2018, 125, 1819-1827.	1.4	11
87	The Brighter Side of Music in Dystonia. <i>Archives of Neurology</i> , 2012, 69, 917-9.	4.9	10
88	The Effect of l-Dopa/Carbidopa Intestinal Gel in Parkinson Disease Assessed Using Neurophysiologic Techniques. <i>Clinical Neuropharmacology</i> , 2016, 39, 302-305.	0.2	10
89	Effects of Transcranial Ultrasound Stimulation on Trigeminal Blink Reflex Excitability. <i>Brain Sciences</i> , 2021, 11, 645.	1.1	10
90	Painful stimulation increases spontaneous blink rate in healthy subjects. <i>Scientific Reports</i> , 2020, 10, 20014.	1.6	9

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91	Congenital Mirror Movements in a New Italian Family. <i>Movement Disorders Clinical Practice</i> , 2014, 1, 180-187.	0.8	8
92	Somatosensory temporal discrimination threshold is impaired in patients with multiple sclerosis. <i>Clinical Neurophysiology</i> , 2016, 127, 1940-1941.	0.7	8
93	Long-term efficacy and safety of botulinum toxin treatment for cervical dystonia: a critical reappraisal. <i>Expert Opinion on Drug Safety</i> , 2021, 20, 695-705.	1.0	8
94	The etiopathogenetic and pathophysiological spectrum of parkinsonism. <i>Journal of the Neurological Sciences</i> , 2022, 433, 120012.	0.3	8
95	Spread of Muscle Spasms in Hemifacial Spasm. <i>Movement Disorders Clinical Practice</i> , 2015, 2, 53-55.	0.8	7
96	Treatment of psychiatric disturbances in common hyperkinetic movement disorders. <i>Expert Review of Neurotherapeutics</i> , 2019, 19, 55-65.	1.4	7
97	Associative plasticity in surround inhibition circuits in human motor cortex. <i>European Journal of Neuroscience</i> , 2014, 40, 3704-3710.	1.2	6
98	Smart sensors for the recognition of specific human motion disorders in Parkinson's disease. , 2015, , .		6
99	Bradykinesia in motoneuron diseases. <i>Clinical Neurophysiology</i> , 2021, 132, 2558-2566.	0.7	6
100	Dystonia, chorea, hemiballismus and other dyskinesias. <i>Clinical Neurophysiology</i> , 2022, 140, 110-125.	0.7	6
101	Unraveling the asymmetry of Mona Lisa smile. <i>Cortex</i> , 2019, 120, 607-610.	1.1	5
102	Brainstem avenues in Parkinsonâ€™s disease research. <i>Clinical Neurophysiology</i> , 2019, 130, 554-555.	0.7	4
103	How Do I Examine Blepharospasm?. <i>Movement Disorders Clinical Practice</i> , 2015, 2, 449-449.	0.8	3
104	Neurodegeneration and Sensorimotor Function. <i>Brain Sciences</i> , 2020, 10, 808.	1.1	3
105	Pathophysiology of rigidity in Parkinsonâ€™s disease: Another step forward. <i>Clinical Neurophysiology</i> , 2020, 131, 1971-1972.	0.7	3
106	Low-Intensity Transcranial Ultrasound Stimulation: Mechanisms of Action and Rationale for Future Applications in Movement Disorders. <i>Brain Sciences</i> , 2022, 12, 611.	1.1	3
107	L-DOPA and cortical associative plasticity in Parkinsonâ€™s disease. <i>Clinical Neurophysiology</i> , 2013, 124, 638-639.	0.7	2
108	Reply to letter: Transcranial magnetic stimulation for Parkinson's disease. <i>Movement Disorders</i> , 2015, 30, 1973-1974.	2.2	2

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109	Functional eyelid opening apraxia: a kinematic study. European Journal of Neurology, 2018, 25, e95-e97.	1.7	2
110	Primary vs Postparalytic Hemifacial Spasmâ€”Reply. Archives of Neurology, 2006, 63, 1204.	4.9	1
111	Behavioral and Emotional Dysfunction in Parkinsonâ€™s Disease. Parkinson's Disease, 2019, 2019, 1-2.	0.6	1
112	Editorial: Innovative Technologies and Clinical Applications for Invasive and Non-invasive Neuromodulation: From the Workbench to the Bedside. Frontiers in Neurology, 2019, 10, 1350.	1.1	1
113	Caffeine: Is it good or bad for neural plasticity?. Clinical Neurophysiology, 2021, 132, 1336-1338.	0.7	1
114	Smart Sensing System for the Detection of Specific Human Motion Symptoms of the Parkinsonâ€™s Disease., 2016,, .		1
115	Neurophysiological assessment of juvenile parkinsonism due to primary monoamine neurotransmitter disorders. Journal of Neural Transmission, 2022, 129, 1011-1021.	1.4	1
116	Interfacing basal ganglia models and Parkinsonâ€™s disease phenomenology: How can we translate the findings of electrophysiological studies from research to clinic. Basal Ganglia, 2012, 2, 189-193.	0.3	0
117	Using Neural Networks for the Recognition of Specific Motion Symptoms of the Parkinsonâ€™s Disease. Smart Innovation, Systems and Technologies, 2016, , 123-131.	0.5	0