Matteo Bologna

List of Publications by Year
in descending order

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118 papers	3,605 citations	109321 35 h-index	182427 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. Experimental Brain Research, 2011, 212, 91-99.	1.5	120
2	Evolving concepts on bradykinesia. Brain, 2020, 143, 727-750.	7.6	120
3	Facial bradykinesia. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, 681-685.	1.9	117
4	Voluntary, spontaneous, and reflex blinking in Parkinson's disease. Movement Disorders, 2008, 23, 669-675.	3.9	114
5	Functional reorganization of sensorimotor cortex in early Parkinson disease. Neurology, 2012, 78, 1441-1448.	1.1	107
6	A Comparative Study of Primary and Secondary Hemifacial Spasm. Archives of Neurology, 2006, 63, 441.	4.5	106
7	Neurophysiological correlates of bradykinesia in Parkinsonâ€™s disease. Brain, 2018, 141, 2432-2444.	7.6	99
8	Diagnostic contribution and therapeutic perspectives of transcranial magnetic stimulation in dementia. Clinical Neurophysiology, 2021, 132, 2568-2607.	1.5	85
9	Facial Emotion Recognition and Expression in Parkinsonâ€™s Disease: An Emotional Mirror Mechanism?. PLoS ONE, 2017, 12, e0169110.	2.5	83
10	Botulinum toxin injections reduce associative plasticity in patients with primary dystonia. Movement Disorders, 2011, 26, 1282-1289.	3.9	67
11	Voluntary, spontaneous and reflex blinking in patients with clinically probable progressive supranuclear palsy. Brain, 2008, 132, 502-510.	7.6	64
12	Bradykinesia in early and advanced Parkinson's disease. Journal of the Neurological Sciences, 2016, 369, 286-291.	0.6	63
13	Poor self-awareness of levodopa-induced dyskinesias in Parkinson's disease: Clinical features and mechanisms. Parkinsonism and Related Disorders, 2013, 19, 1004-1008.	2.2	61
14	Driving motor cortex oscillations modulates bradykinesia in Parkinsonâ€™s disease. Brain, 2022, 145, 224-236.	7.6	57
15	Effects of cerebellar theta-burst stimulation on arm and neck movement kinematics in patients with focal dystonia. Clinical Neurophysiology, 2016, 127, 3472-3479.	1.5	56
16	Craniocervical dystonia: clinical and pathophysiological features. European Journal of Neurology, 2010, 17, 15-21.	3.3	55
17	Cerebellar theta burst stimulation impairs eyeblink classical conditioning. Journal of Physiology, 2012, 590, 887-897.	2.9	55
18	Transcranial magnetic stimulation followâ€up study in early Parkinson's disease: A decline in compensation with disease progression?. Movement Disorders, 2015, 30, 1098-1106.	3.9	55

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19	Primary somatosensory cortical plasticity and tactile temporal discrimination in focal hand dystonia. Clinical Neurophysiology, 2014, 125, 537-543.	1.5	53
20	Reduced facial expressiveness in Parkinson's disease: A pure motor disorder?. Journal of the Neurological Sciences, 2015, 358, 125-130.	0.6	52
21	Boosting the LTP-like plasticity effect of intermittent theta-burst stimulation using gamma transcranial alternating current stimulation. Brain Stimulation, 2018, 11, 734-742.	1.6	52
22	Enhancing Gamma Oscillations Restores Primary Motor Cortex Plasticity in Parkinson's Disease. Journal of Neuroscience, 2020, 40, 4788-4796.	3.6	51
23	Cerebellum-dependent associative learning deficits in primary dystonia are normalized by rTMS and practice. European Journal of Neuroscience, 2013, 38, 2166-2171.	2.6	50
24	Cerebellum: An explanation for dystonia?. Cerebellum and Ataxias, 2017, 4, 6.	1.9	50
25	Abnormal Cortical Synaptic Plasticity in Primary Motor Area in Progressive Supranuclear Palsy. Cerebral Cortex, 2012, 22, 693-700.	2.9	49
26	Effects of subthalamic nucleus deep brain stimulation and l-dopa on blinking in Parkinson's disease. Experimental Neurology, 2012, 235, 265-272.	4.1	49
27	Abnormal cortical and brain stem plasticity in Gilles de la Tourette syndrome. Movement Disorders, 2011, 26, 1703-1710.	3.9	47
28	Effects of cerebellar continuous theta burst stimulation on resting tremor in Parkinson's disease. Parkinsonism and Related Disorders, 2015, 21, 1061-1066.	2.2	45
29	Fifty years of progressive supranuclear palsy. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 938-944.	1.9	43
30	The cerebellum and dystonia. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 155, 259-272.	1.8	41
31	Preconditioning Repetitive Transcranial Magnetic Stimulation of Premotor Cortex Can Reduce But Not Enhance Short-Term Facilitation of Primary Motor Cortex. Journal of Neurophysiology, 2008, 99, 564-570.	1.8	39
32	Fast voluntary neck movements in patients with cervical dystonia: A kinematic study before and after therapy with botulinum toxin type A. Clinical Neurophysiology, 2008, 119, 273-280.	1.5	38
33	Cerebellar Continuous Theta Burst Stimulation in Essential Tremor. Cerebellum, 2015, 14, 133-141.	2.5	38
34	Re-emergent tremor in Parkinson's disease. Parkinsonism and Related Disorders, 2017, 36, 41-46.	2.2	38
35	Transcranial Alternating Current Stimulation Has Frequency-Dependent Effects on Motor Learning in Healthy Humans. Neuroscience, 2019, 411, 130-139.	2.3	38
36	Short-term and long-term plasticity interaction in human primary motor cortex. European Journal of Neuroscience, 2011, 33, 1908-1915.	2.6	37

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37	Bradykinesia in Alzheimerâ€™s disease and its neurophysiological substrates. Clinical Neurophysiology, 2020, 131, 850-858.	1.5	36
38	Functional disconnection of the dentate nucleus in essential tremor. Journal of Neurology, 2020, 267, 1358-1367.	3.6	35
39	Hypomimia in Parkinsonâ€™s disease: an axial sign responsive to levodopa. European Journal of Neurology, 2020, 27, 2422-2429.	3.3	34
40	Bradykinesia of posed smiling and voluntary movement of the lower face in Parkinson's disease. Parkinsonism and Related Disorders, 2014, 20, 370-375.	2.2	33
41	Altered Kinematics of Facial Emotion Expression and Emotion Recognition Deficits Are Unrelated in Parkinsonâ€™s Disease. Frontiers in Neurology, 2016, 7, 230.	2.4	33
42	Effects of Transcranial Alternating Current Stimulation on Repetitive Finger Movements in Healthy Humans. Neural Plasticity, 2018, 2018, 1-10.	2.2	33
43	LTD-like plasticity of the human primary motor cortex can be reversed by Î³-tACS. Brain Stimulation, 2019, 12, 1490-1499.	1.6	33
44	Cerebellar continuous thetaâ€burst stimulation affects motor learning of voluntary arm movements in humans. European Journal of Neuroscience, 2014, 39, 124-131.	2.6	32
45	Reversal of Practice-related Effects on Corticospinal Excitability has no Immediate Effect on Behavioral Outcome. Brain Stimulation, 2015, 8, 603-612.	1.6	31
46	Abnormal Resting-State Functional Connectivity in Progressive Supranuclear Palsy and Corticobasal Syndrome. Frontiers in Neurology, 2017, 8, 248.	2.4	30
47	The continuum between neurodegeneration, brain plasticity, and movement: a critical appraisal. Reviews in the Neurosciences, 2020, 31, 723-742.	2.9	30
48	The effect of L-dopa in Parkinsonâ€™s disease as revealed by neurophysiological studies of motor and sensory functions. Expert Review of Neurotherapeutics, 2017, 17, 181-192.	2.8	29
49	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
50	Understanding the link between somatosensory temporal discrimination and movement execution in healthy subjects. Physiological Reports, 2016, 4, e12899.	1.7	28
51	Clinical neurophysiology of Parkinsonâ€™s disease and parkinsonism. Clinical Neurophysiology Practice, 2022, 7, 201-227.	1.4	28
52	Pathophysiology of pain and fatigue in Parkinson's disease. Parkinsonism and Related Disorders, 2012, 18, S226-S228.	2.2	27
53	Disrupted Resting-State Functional Connectivity in Progressive Supranuclear Palsy. American Journal of Neuroradiology, 2015, 36, 915-921.	2.4	27
54	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

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55	Parkinson's disease advanced therapies - A systematic review: More unanswered questions than guidance. Parkinsonism and Related Disorders, 2021, 83, 132-139.	2.2	26
56	The pathophysiology of Parkinson's disease tremor. Journal of the Neurological Sciences, 2022, 435, 120196.	0.6	26
57	Functional disconnection of thalamic and cerebellar dentate nucleus networks in progressive supranuclear palsy and corticobasal syndrome. Parkinsonism and Related Disorders, 2017, 39, 52-57.	2.2	25
58	Neurophysiological studies on atypical parkinsonian syndromes. Parkinsonism and Related Disorders, 2017, 42, 12-21.	2.2	25
59	Tremor Distribution and the Variable Clinical Presentation of Essential Tremor. Cerebellum, 2019, 18, 866-872.	2.5	25
60	Dystonia in atypical parkinsonian disorders. Parkinsonism and Related Disorders, 2019, 66, 25-33.	2.2	25
61	White matter rather than gray matter damage characterizes essential tremor. European Radiology, 2019, 29, 6634-6642.	4.5	24
62	Emerging concepts on bradykinesia in nonâ€parkinsonian conditions. European Journal of Neurology, 2021, 28, 2403-2422.	3.3	24
63	Are studies of motor cortex plasticity relevant in human patients with Parkinsonâ€™s disease?. Clinical Neurophysiology, 2016, 127, 50-59.	1.5	23
64	Is there evidence of bradykinesia in essential tremor?. European Journal of Neurology, 2020, 27, 1501-1509.	3.3	23
65	Attention-related changes in short-term cortical plasticity help to explain fatigue in multiple sclerosis. Multiple Sclerosis Journal, 2016, 22, 1359-1366.	3.0	22
66	The Contribution of Neuroimaging to the Understanding of Essential Tremor Pathophysiology: a Systematic Review. Cerebellum, 2022, 21, 1029-1051.	2.5	22
67	Differential effects of propranolol on head and upper limb tremor in patients with essential tremor and dystonia. Journal of Neurology, 2018, 265, 2695-2703.	3.6	21
68	Cognitive behavioral group therapy versus psychoeducational intervention in Parkinson’s disease. Neuropsychiatric Disease and Treatment, 2018, Volume 14, 399-405.	2.2	21
69	Differential effects of motor skill acquisition on the primary motor and sensory cortices in healthy humans. Journal of Physiology, 2020, 598, 4031-4045.	2.9	20
70	Motor dysfunction in mild cognitive impairment as tested by kinematic analysis and transcranial magnetic stimulation. Clinical Neurophysiology, 2021, 132, 315-322.	1.5	20
71	Kinematic and Diffusion Tensor Imaging Definition of Familial Marcus Gunn Jaw-Winking Synkinesis. PLoS ONE, 2012, 7, e51749.	2.5	18
72	MRI gray and white matter measures in progressive supranuclear palsy and corticobasal syndrome. Journal of Neurology, 2016, 263, 2022-2031.	3.6	18

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73	Inferior Parietal Lobule Encodes Visual Temporal Resolution Processes Contributing to the Critical Flicker Frequency Threshold in Humans. PLoS ONE, 2014, 9, e98948.	2.5	18
74	Short-term cortical plasticity in patients with dystonia: A study with repetitive transcranial magnetic stimulation. Movement Disorders, 2007, 22, 1436-1443.	3.9	17
75	Practiceâ€related reduction of electromyographic mirroring activity depends on basal levels of interhemispheric inhibition. European Journal of Neuroscience, 2012, 36, 3749-3757.	2.6	17
76	Corticobasal syndrome: neuroimaging and neurophysiological advances. European Journal of Neurology, 2019, 26, 701.	3.3	17
77	The timing and intensity of transcranial magnetic stimulation, and the scalp site stimulated, as variables influencing motor sequence performance in healthy subjects. Experimental Brain Research, 2005, 166, 43-55.	1.5	16
78	Botulinum toxin and blink rate in patients with blepharospasm and increased blinking. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 336-340.	1.9	16
79	Metaplasticity of the human trigeminal blink reflex. European Journal of Neuroscience, 2010, 32, 1707-1714.	2.6	15
80	Blinking in patients with clinically probable multiple system atrophy. Movement Disorders, 2014, 29, 415-420.	3.9	15
81	Clinical and Kinematic Features of Valproate-Induced Tremor and Differences with Essential Tremor. Cerebellum, 2021, 20, 374-383.	2.5	15
82	Smart Sensing Systems for the Detection of Human Motion Disorders. Procedia Engineering, 2015, 120, 324-327.	1.2	14
83	Motor cortex plasticity in Parkinsonâ€™s disease: Advances and controversies. Clinical Neurophysiology, 2012, 123, 640-641.	1.5	13
84	Neuroimaging correlates of blinking abnormalities in patients with progressive supranuclear palsy. Movement Disorders, 2016, 31, 138-143.	3.9	13
85	Reversal of long term potentiation-like plasticity in primary motor cortex in patients with progressive supranuclear palsy. Clinical Neurophysiology, 2017, 128, 1547-1552.	1.5	11
86	Emotional facedness in Parkinsonâ€™s disease. Journal of Neural Transmission, 2018, 125, 1819-1827.	2.8	11
87	The Brighter Side of Music in Dystonia. Archives of Neurology, 2012, 69, 917-9.	4.5	10
88	The Effect of l-Dopa/Carbidopa Intestinal Gel in Parkinson Disease Assessed Using Neurophysiologic Techniques. Clinical Neuropharmacology, 2016, 39, 302-305.	0.7	10
89	Effects of Transcranial Ultrasound Stimulation on Trigeminal Blink Reflex Excitability. Brain Sciences, 2021, 11, 645.	2.3	10
90	Painful stimulation increases spontaneous blink rate in healthy subjects. Scientific Reports, 2020, 10, 20014.	3.3	9

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91	Congenital Mirror Movements in a New Italian Family. Movement Disorders Clinical Practice, 2014, 1, 180-187.	1.5	8
92	Somatosensory temporal discrimination threshold is impaired in patients with multiple sclerosis. Clinical Neurophysiology, 2016, 127, 1940-1941.	1.5	8
93	Long-term efficacy and safety of botulinum toxin treatment for cervical dystonia: a critical reappraisal. Expert Opinion on Drug Safety, 2021, 20, 695-705.	2.4	8
94	The etiopathogenetic and pathophysiological spectrum of parkinsonism. Journal of the Neurological Sciences, 2022, 433, 120012.	0.6	8
95	Spread of Muscle Spasms in Hemifacial Spasm. Movement Disorders Clinical Practice, 2015, 2, 53-55.	1.5	7
96	Treatment of psychiatric disturbances in common hyperkinetic movement disorders. Expert Review of Neurotherapeutics, 2019, 19, 55-65.	2.8	7
97	Associative plasticity in surround inhibition circuits in human motor cortex. European Journal of Neuroscience, 2014, 40, 3704-3710.	2.6	6
98	Smart sensors for the recognition of specific human motion disorders in Parkinson's disease. , 2015, , .		6
99	Bradykinesia in motoneuron diseases. Clinical Neurophysiology, 2021, 132, 2558-2566.	1.5	6
100	Dystonia, chorea, hemiballismus and other dyskinesias. Clinical Neurophysiology, 2022, 140, 110-125.	1.5	6
101	Unraveling the asymmetry of Mona Lisa smile. Cortex, 2019, 120, 607-610.	2.4	5
102	Brainstem avenues in Parkinsonâ€™s disease research. Clinical Neurophysiology, 2019, 130, 554-555.	1.5	4
103	How Do I Examine Blepharospasm?. Movement Disorders Clinical Practice, 2015, 2, 449-449.	1.5	3
104	Neurodegeneration and Sensorimotor Function. Brain Sciences, 2020, 10, 808.	2.3	3
105	Pathophysiology of rigidity in Parkinsonâ€™s disease: Another step forward. Clinical Neurophysiology, 2020, 131, 1971-1972.	1.5	3
106	Low-Intensity Transcranial Ultrasound Stimulation: Mechanisms of Action and Rationale for Future Applications in Movement Disorders. Brain Sciences, 2022, 12, 611.	2.3	3
107	l-DOPA and cortical associative plasticity in Parkinsonâ€™s disease. Clinical Neurophysiology, 2013, 124, 638-639.	1.5	2
108	Reply to letter: Transcranial magnetic stimulation for Parkinson's disease. Movement Disorders, 2015, 30, 1973-1974.	3.9	2

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109	Functional eyelid opening apraxia: a kinematic study. European Journal of Neurology, 2018, 25, e95-e97.	3.3	2
110	Primary vs Postparalytic Hemifacial Spasmâ€"Reply. Archives of Neurology, 2006, 63, 1204.	4.5	1
111	Behavioral and Emotional Dysfunction in Parkinsonâ€™s Disease. Parkinson's Disease, 2019, 2019, 1-2.	1.1	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.	2.4	1
113	Caffeine: Is it good or bad for neural plasticity?. Clinical Neurophysiology, 2021, 132, 1336-1338.	1.5	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.	2.8	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	Errors in Byline in: A Comparative Study of Primary and Secondary Hemifacial. Archives of Neurology, 2006, 63, 1241.	4.5	0
118	Using Neural Networks for the Recognition of Specific Motion Symptoms of the Parkinsonâ€™s Disease. Smart Innovation, Systems and Technologies, 2016, , 123-131.	0.6	0