

Matteo Bologna

List of Publications by Year in descending order

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Version: 2024-02-01

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	Driving motor cortex oscillations modulates bradykinesia in Parkinson's disease. <i>Brain</i> , 2022, 145, 224-236.	7.6	57
2	The etiopathogenetic and pathophysiological spectrum of parkinsonism. <i>Journal of the Neurological Sciences</i> , 2022, 433, 120012.	0.6	8
3	The Contribution of Neuroimaging to the Understanding of Essential Tremor Pathophysiology: a Systematic Review. <i>Cerebellum</i> , 2022, 21, 1029-1051.	2.5	22
4	The pathophysiology of Parkinson's disease tremor. <i>Journal of the Neurological Sciences</i> , 2022, 435, 120196.	0.6	26
5	Low-Intensity Transcranial Ultrasound Stimulation: Mechanisms of Action and Rationale for Future Applications in Movement Disorders. <i>Brain Sciences</i> , 2022, 12, 611.	2.3	3
6	Clinical neurophysiology of Parkinson's disease and parkinsonism. <i>Clinical Neurophysiology Practice</i> , 2022, 7, 201-227.	1.4	28
7	Neurophysiological assessment of juvenile parkinsonism due to primary monoamine neurotransmitter disorders. <i>Journal of Neural Transmission</i> , 2022, 129, 1011-1021.	2.8	1
8	Dystonia, chorea, hemiballismus and other dyskinesias. <i>Clinical Neurophysiology</i> , 2022, 140, 110-125.	1.5	6
9	Clinical and Kinematic Features of Valproate-Induced Tremor and Differences with Essential Tremor. <i>Cerebellum</i> , 2021, 20, 374-383.	2.5	15
10	Parkinson's disease advanced therapies - A systematic review: More unanswered questions than guidance. <i>Parkinsonism and Related Disorders</i> , 2021, 83, 132-139.	2.2	26
11	Motor dysfunction in mild cognitive impairment as tested by kinematic analysis and transcranial magnetic stimulation. <i>Clinical Neurophysiology</i> , 2021, 132, 315-322.	1.5	20
12	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.	2.4	8
13	Effects of Transcranial Ultrasound Stimulation on Trigeminal Blink Reflex Excitability. <i>Brain Sciences</i> , 2021, 11, 645.	2.3	10
14	Emerging concepts on bradykinesia in non-parkinsonian conditions. <i>European Journal of Neurology</i> , 2021, 28, 2403-2422.	3.3	24
15	Caffeine: Is it good or bad for neural plasticity?. <i>Clinical Neurophysiology</i> , 2021, 132, 1336-1338.	1.5	1
16	Diagnostic contribution and therapeutic perspectives of transcranial magnetic stimulation in dementia. <i>Clinical Neurophysiology</i> , 2021, 132, 2568-2607.	1.5	85
17	Bradykinesia in motoneuron diseases. <i>Clinical Neurophysiology</i> , 2021, 132, 2558-2566.	1.5	6
18	Evolving concepts on bradykinesia. <i>Brain</i> , 2020, 143, 727-750.	7.6	120

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19	Bradykinesia in Alzheimer's disease and its neurophysiological substrates. <i>Clinical Neurophysiology</i> , 2020, 131, 850-858.	1.5	36
20	Hypomimia in Parkinson's disease: an axial sign responsive to levodopa. <i>European Journal of Neurology</i> , 2020, 27, 2422-2429.	3.3	34
21	Painful stimulation increases spontaneous blink rate in healthy subjects. <i>Scientific Reports</i> , 2020, 10, 20014.	3.3	9
22	Neurodegeneration and Sensorimotor Function. <i>Brain Sciences</i> , 2020, 10, 808.	2.3	3
23	Enhancing Gamma Oscillations Restores Primary Motor Cortex Plasticity in Parkinson's Disease. <i>Journal of Neuroscience</i> , 2020, 40, 4788-4796.	3.6	51
24	Is there evidence of bradykinesia in essential tremor?. <i>European Journal of Neurology</i> , 2020, 27, 1501-1509.	3.3	23
25	Pathophysiology of rigidity in Parkinson's disease: Another step forward. <i>Clinical Neurophysiology</i> , 2020, 131, 1971-1972.	1.5	3
26	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.	2.9	20
27	Functional disconnection of the dentate nucleus in essential tremor. <i>Journal of Neurology</i> , 2020, 267, 1358-1367.	3.6	35
28	The continuum between neurodegeneration, brain plasticity, and movement: a critical appraisal. <i>Reviews in the Neurosciences</i> , 2020, 31, 723-742.	2.9	30
29	Tremor Distribution and the Variable Clinical Presentation of Essential Tremor. <i>Cerebellum</i> , 2019, 18, 866-872.	2.5	25
30	Dystonia in atypical parkinsonian disorders. <i>Parkinsonism and Related Disorders</i> , 2019, 66, 25-33.	2.2	25
31	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.	1.6	33
32	Corticobasal syndrome: neuroimaging and neurophysiological advances. <i>European Journal of Neurology</i> , 2019, 26, 701.	3.3	17
33	Behavioral and Emotional Dysfunction in Parkinson's Disease. <i>Parkinson's Disease</i> , 2019, 2019, 1-2.	1.1	1
34	Transcranial Alternating Current Stimulation Has Frequency-Dependent Effects on Motor Learning in Healthy Humans. <i>Neuroscience</i> , 2019, 411, 130-139.	2.3	38
35	White matter rather than gray matter damage characterizes essential tremor. <i>European Radiology</i> , 2019, 29, 6634-6642.	4.5	24
36	Unraveling the asymmetry of Mona Lisa smile. <i>Cortex</i> , 2019, 120, 607-610.	2.4	5

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37	Brainstem avenues in Parkinson's disease research. <i>Clinical Neurophysiology</i> , 2019, 130, 554-555.	1.5	4
38	Treatment of psychiatric disturbances in common hyperkinetic movement disorders. <i>Expert Review of Neurotherapeutics</i> , 2019, 19, 55-65.	2.8	7
39	Editorial: Innovative Technologies and Clinical Applications for Invasive and Non-invasive Neuromodulation: From the Workbench to the Bedside. <i>Frontiers in Neurology</i> , 2019, 10, 1350.	2.4	1
40	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
41	Emotional lability in Parkinson's disease. <i>Journal of Neural Transmission</i> , 2018, 125, 1819-1827.	2.8	11
42	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.	3.6	21
43	Cognitive behavioral group therapy versus psychoeducational intervention in Parkinson's disease. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 399-405.	2.2	21
44	Effects of Transcranial Alternating Current Stimulation on Repetitive Finger Movements in Healthy Humans. <i>Neural Plasticity</i> , 2018, 2018, 1-10.	2.2	33
45	Functional eyelid opening apraxia: a kinematic study. <i>European Journal of Neurology</i> , 2018, 25, e95-e97.	3.3	2
46	Neurophysiological correlates of bradykinesia in Parkinson's disease. <i>Brain</i> , 2018, 141, 2432-2444.	7.6	99
47	The cerebellum and dystonia. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 155, 259-272.	1.8	41
48	Cerebellum: An explanation for dystonia?. <i>Cerebellum and Ataxias</i> , 2017, 4, 6.	1.9	50
49	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.	2.2	25
50	Re-emergent tremor in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2017, 36, 41-46.	2.2	38
51	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.	1.5	11
52	Neurophysiological studies on atypical parkinsonian syndromes. <i>Parkinsonism and Related Disorders</i> , 2017, 42, 12-21.	2.2	25
53	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.	2.8	29
54	Abnormal Resting-State Functional Connectivity in Progressive Supranuclear Palsy and Corticobasal Syndrome. <i>Frontiers in Neurology</i> , 2017, 8, 248.	2.4	30

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55	Facial Emotion Recognition and Expression in Parkinson's Disease: An Emotional Mirror Mechanism?. PLoS ONE, 2017, 12, e0169110.	2.5	83
56	Altered Kinematics of Facial Emotion Expression and Emotion Recognition Deficits Are Unrelated in Parkinson's Disease. Frontiers in Neurology, 2016, 7, 230.	2.4	33
57	The Effect of l-Dopa/Carbidopa Intestinal Gel in Parkinson Disease Assessed Using Neurophysiologic Techniques. Clinical Neuropharmacology, 2016, 39, 302-305.	0.7	10
58	Somatosensory temporal discrimination threshold is impaired in patients with multiple sclerosis. Clinical Neurophysiology, 2016, 127, 1940-1941.	1.5	8
59	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
60	Neuroimaging correlates of blinking abnormalities in patients with progressive supranuclear palsy. Movement Disorders, 2016, 31, 138-143.	3.9	13
61	Bradykinesia in early and advanced Parkinson's disease. Journal of the Neurological Sciences, 2016, 369, 286-291.	0.6	63
62	MRI gray and white matter measures in progressive supranuclear palsy and corticobasal syndrome. Journal of Neurology, 2016, 263, 2022-2031.	3.6	18
63	Understanding the link between somatosensory temporal discrimination and movement execution in healthy subjects. Physiological Reports, 2016, 4, e12899.	1.7	28
64	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
65	Are studies of motor cortex plasticity relevant in human patients with Parkinson's disease?. Clinical Neurophysiology, 2016, 127, 50-59.	1.5	23
66	Smart Sensing System for the Detection of Specific Human Motion Symptoms of the Parkinson's Disease. , 2016, , .		1
67	Using Neural Networks for the Recognition of Specific Motion Symptoms of the Parkinson's Disease. Smart Innovation, Systems and Technologies, 2016, , 123-131.	0.6	0
68	Smart Sensing Systems for the Detection of Human Motion Disorders. Procedia Engineering, 2015, 120, 324-327.	1.2	14
69	How Do I Examine Blepharospasm?. Movement Disorders Clinical Practice, 2015, 2, 449-449.	1.5	3
70	Spread of Muscle Spasms in Hemifacial Spasm. Movement Disorders Clinical Practice, 2015, 2, 53-55.	1.5	7
71	Reply to letter: Transcranial magnetic stimulation for Parkinson's disease. Movement Disorders, 2015, 30, 1973-1974.	3.9	2
72	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

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73	Disrupted Resting-State Functional Connectivity in Progressive Supranuclear Palsy. <i>American Journal of Neuroradiology</i> , 2015, 36, 915-921.	2.4	27
74	Reversal of Practice-related Effects on Corticospinal Excitability has no Immediate Effect on Behavioral Outcome. <i>Brain Stimulation</i> , 2015, 8, 603-612.	1.6	31
75	Does the cerebellum intervene in the abnormal somatosensory temporal discrimination in Parkinson's disease?. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 789-792.	2.2	26
76	Effects of cerebellar continuous theta burst stimulation on resting tremor in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 1061-1066.	2.2	45
77	Cerebellar Continuous Theta Burst Stimulation in Essential Tremor. <i>Cerebellum</i> , 2015, 14, 133-141.	2.5	38
78	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.	3.9	55
79	Smart sensors for the recognition of specific human motion disorders in Parkinson's disease. , 2015, , .		6
80	Reduced facial expressiveness in Parkinson's disease: A pure motor disorder?. <i>Journal of the Neurological Sciences</i> , 2015, 358, 125-130.	0.6	52
81	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
82	Associative plasticity in surround inhibition circuits in human motor cortex. <i>European Journal of Neuroscience</i> , 2014, 40, 3704-3710.	2.6	6
83	Congenital Mirror Movements in a New Italian Family. <i>Movement Disorders Clinical Practice</i> , 2014, 1, 180-187.	1.5	8
84	Cerebellar continuous theta burst stimulation affects motor learning of voluntary arm movements in humans. <i>European Journal of Neuroscience</i> , 2014, 39, 124-131.	2.6	32
85	Blinking in patients with clinically probable multiple system atrophy. <i>Movement Disorders</i> , 2014, 29, 415-420.	3.9	15
86	Fifty years of progressive supranuclear palsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 938-944.	1.9	43
87	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.	2.2	33
88	Primary somatosensory cortical plasticity and tactile temporal discrimination in focal hand dystonia. <i>Clinical Neurophysiology</i> , 2014, 125, 537-543.	1.5	53
89	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
90	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.	2.2	61

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91	Facial bradykinesia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 681-685.	1.9	117
92	L-DOPA and cortical associative plasticity in Parkinson's disease. <i>Clinical Neurophysiology</i> , 2013, 124, 638-639.	1.5	2
93	Cerebellum-dependent associative learning deficits in primary dystonia are normalized by rTMS and practice. <i>European Journal of Neuroscience</i> , 2013, 38, 2166-2171.	2.6	50
94	Functional reorganization of sensorimotor cortex in early Parkinson disease. <i>Neurology</i> , 2012, 78, 1441-1448.	1.1	107
95	Abnormal Cortical Synaptic Plasticity in Primary Motor Area in Progressive Supranuclear Palsy. <i>Cerebral Cortex</i> , 2012, 22, 693-700.	2.9	49
96	The Brighter Side of Music in Dystonia. <i>Archives of Neurology</i> , 2012, 69, 917-9.	4.5	10
97	Pathophysiology of pain and fatigue in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2012, 18, S226-S228.	2.2	27
98	Motor cortex plasticity in Parkinson's disease: Advances and controversies. <i>Clinical Neurophysiology</i> , 2012, 123, 640-641.	1.5	13
99	Cerebellar theta burst stimulation impairs eyeblink classical conditioning. <i>Journal of Physiology</i> , 2012, 590, 887-897.	2.9	55
100	Practice-related reduction of electromyographic mirroring activity depends on basal levels of interhemispheric inhibition. <i>European Journal of Neuroscience</i> , 2012, 36, 3749-3757.	2.6	17
101	Interfacing basal ganglia models and Parkinson's disease phenomenology: How can we translate the findings of electrophysiological studies from research to clinic. <i>Basal Ganglia</i> , 2012, 2, 189-193.	0.3	0
102	Kinematic and Diffusion Tensor Imaging Definition of Familial Marcus Gunn Jaw-Winking Synkinesis. <i>PLoS ONE</i> , 2012, 7, e51749.	2.5	18
103	Effects of subthalamic nucleus deep brain stimulation and L-dopa on blinking in Parkinson's disease. <i>Experimental Neurology</i> , 2012, 235, 265-272.	4.1	49
104	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
105	Correlation between cortical plasticity, motor learning and BDNF genotype in healthy subjects. <i>Experimental Brain Research</i> , 2011, 212, 91-99.	1.5	120
106	Botulinum toxin injections reduce associative plasticity in patients with primary dystonia. <i>Movement Disorders</i> , 2011, 26, 1282-1289.	3.9	67
107	Abnormal cortical and brain stem plasticity in Gilles de la Tourette syndrome. <i>Movement Disorders</i> , 2011, 26, 1703-1710.	3.9	47
108	Craniocervical dystonia: clinical and pathophysiological features. <i>European Journal of Neurology</i> , 2010, 17, 15-21.	3.3	55

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109	Metaplasticity of the human trigeminal blink reflex. <i>European Journal of Neuroscience</i> , 2010, 32, 1707-1714.	2.6	15
110	Voluntary, spontaneous, and reflex blinking in Parkinson's disease. <i>Movement Disorders</i> , 2008, 23, 669-675.	3.9	114
111	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
112	Voluntary, spontaneous and reflex blinking in patients with clinically probable progressive supranuclear palsy. <i>Brain</i> , 2008, 132, 502-510.	7.6	64
113	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
114	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
115	Primary vs Postparalytic Hemifacial Spasm—Reply. <i>Archives of Neurology</i> , 2006, 63, 1204.	4.5	1
116	A Comparative Study of Primary and Secondary Hemifacial Spasm. <i>Archives of Neurology</i> , 2006, 63, 441.	4.5	106
117	Errors in Byline in: A Comparative Study of Primary and Secondary Hemifacial. <i>Archives of Neurology</i> , 2006, 63, 1241.	4.5	0
118	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.	1.5	16