

Giovanna Calandra-Buonaura

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

3,678
citations

126708

33
h-index

155451

55
g-index

109
all docs

109
docs citations

109
times ranked

4533
citing authors

#	ARTICLE	IF	CITATIONS
1	The Movement Disorder Society Criteria for the Diagnosis of Multiple System Atrophy. <i>Movement Disorders</i> , 2022, 37, 1131-1148.	2.2	222
2	Ultrasensitive RT-QuIC assay with high sensitivity and specificity for Lewy body-associated synucleinopathies. <i>Acta Neuropathologica</i> , 2020, 140, 49-62.	3.9	218
3	Central pattern generators for a common semiology in fronto-limbic seizures and in parasomnias. A neuroethologic approach. <i>Neurological Sciences</i> , 2005, 26, s225-s232.	0.9	215
4	Consensus statement on the definition of neurogenic supine hypertension in cardiovascular autonomic failure by the American Autonomic Society (AAS) and the European Federation of Autonomic Societies (EFAS). <i>Clinical Autonomic Research</i> , 2018, 28, 355-362.	1.4	176
5	Brain-heart interactions: physiology and clinical implications. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150181.	1.6	164
6	LRP10 genetic variants in familial Parkinson's disease and dementia with Lewy bodies: a genome-wide linkage and sequencing study. <i>Lancet Neurology</i> , The, 2018, 17, 597-608.	4.9	101
7	Association of restless legs syndrome with nocturnal eating: A case-control study. <i>Movement Disorders</i> , 2009, 24, 871-877.	2.2	97
8	The Treatment of Sleep Disorders in Parkinson's Disease: From Research to Clinical Practice. <i>Frontiers in Neurology</i> , 2017, 8, 42.	1.1	93
9	Loss of temporal retinal nerve fibers in Parkinson disease: a mitochondrial pattern?. <i>European Journal of Neurology</i> , 2013, 20, 198-201.	1.7	92
10	Cardiovascular autonomic dysfunctions and sleep disorders. <i>Sleep Medicine Reviews</i> , 2016, 26, 43-56.	3.8	87
11	Abnormal Sleep-Cardiovascular System Interaction in Narcolepsy with Cataplexy: Effects of Hypocretin Deficiency in Humans. <i>Sleep</i> , 2012, 35, 519-528.	0.6	86
12	Stridor in multiple system atrophy. <i>Neurology</i> , 2019, 93, 630-639.	1.5	86
13	Impaired fear processing in right mesial temporal sclerosis: a fMRI study. <i>Brain Research Bulletin</i> , 2004, 63, 269-281.	1.4	72
14	Magnetic Resonance Parkinsonism Index: diagnostic accuracy of a fully automated algorithm in comparison with the manual measurement in a large Italian multicentre study in patients with progressive supranuclear palsy. <i>European Radiology</i> , 2017, 27, 2665-2675.	2.3	66
15	Impulse control disorders in advanced Parkinson's disease with dyskinesia: The ALTHEA study. <i>Movement Disorders</i> , 2017, 32, 1557-1565.	2.2	65
16	Early stridor onset and stridor treatment predict survival in 136 patients with MSA. <i>Neurology</i> , 2016, 87, 1375-1383.	1.5	61
17	Management of supine hypertension in patients with neurogenic orthostatic hypotension. <i>Journal of Hypertension</i> , 2019, 37, 1541-1546.	0.3	60
18	Polysomnographic Findings and Clinical Correlates in Huntington Disease: A Cross-Sectional Cohort Study. <i>Sleep</i> , 2015, 38, 1489-1495.	0.6	57

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19	Bidirectional interactions between the baroreceptor reflex and arousal: an update. <i>Sleep Medicine</i> , 2015, 16, 210-216.	0.8	57
20	Physiologic autonomic arousal heralds motor manifestations of seizures in nocturnal frontal lobe epilepsy: Implications for pathophysiology. <i>Sleep Medicine</i> , 2012, 13, 252-262.	0.8	49
21	New insights into orthostatic hypotension in multiple system atrophy: a European multicentre cohort study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 554-561.	0.9	48
22	Biting Behavior, Aggression, and Seizures. <i>Epilepsia</i> , 2005, 46, 654-663.	2.6	46
23	Accuracy of MR markers for differentiating Progressive Supranuclear Palsy from Parkinson's disease. <i>NeuroImage: Clinical</i> , 2016, 11, 736-742.	1.4	46
24	DO RESTLESS LEGS SYNDROME (RLS) AND PERIODIC LIMB MOVEMENTS OF SLEEP (PLMS) PLAY A ROLE IN NOCTURNAL HYPERTENSION AND INCREASED CARDIOVASCULAR RISK OF RENALLY IMPAIRED PATIENTS?. <i>Chronobiology International</i> , 2009, 26, 1206-1221.	0.9	45
25	Standing worsens cognitive functions in patients with neurogenic orthostatic hypotension. <i>Neurological Sciences</i> , 2012, 33, 469-473.	0.9	45
26	Neurofilament light chain and α -synuclein RT-QuIC as differential diagnostic biomarkers in parkinsonisms and related syndromes. <i>Npj Parkinson's Disease</i> , 2021, 7, 93.	2.5	45
27	Cardiovascular autonomic testing performed with a new integrated instrumental approach is useful in differentiating MSA-P from PD at an early stage. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 477-482.	1.1	44
28	Which patients discontinue? Issues on Levodopa/carbidopa intestinal gel treatment: Italian multicentre survey of 905 patients with long-term follow-up. <i>Parkinsonism and Related Disorders</i> , 2017, 38, 90-92.	1.1	44
29	Increased prevalence of nocturnal smoking in restless legs syndrome (RLS). <i>Sleep Medicine</i> , 2010, 11, 218-220.	0.8	43
30	Orthostatic hypotension and cognitive impairment: a dangerous association?. <i>Neurological Sciences</i> , 2014, 35, 951-957.	0.9	42
31	Dyskinesia detection and monitoring by a single sensor in patients with Parkinson's disease. <i>Movement Disorders</i> , 2015, 30, 1267-1271.	2.2	39
32	Oneiric stupor: The peculiar behaviour of agrypnia excitata. <i>Sleep Medicine</i> , 2011, 12, S64-S67.	0.8	38
33	Cognitive and Sleep Features of Multiple System Atrophy: Review and Prospective Study. <i>European Neurology</i> , 2014, 72, 349-359.	0.6	36
34	Physiological Mechanisms Mediating the Coupling between Heart Period and Arterial Pressure in Response to Postural Changes in Humans. <i>Frontiers in Physiology</i> , 2017, 8, 163.	1.3	34
35	Multiple system atrophy with prolonged survival: is late onset of dysautonomia the clue?. <i>Neurological Sciences</i> , 2013, 34, 1875-1878.	0.9	33
36	Progression and prognosis in multiple system atrophy presenting with REM behavior disorder. <i>Neurology</i> , 2020, 94, e1828-e1834.	1.5	33

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37	A new integrated instrumental approach to autonomic nervous system assessment. <i>Computer Methods and Programs in Biomedicine</i> , 2014, 117, 267-276.	2.6	32
38	Wake and Sleep EEG in Patients With Huntington Disease. <i>Clinical EEG and Neuroscience</i> , 2017, 48, 60-71.	0.9	31
39	Young-onset multiple system atrophy: Clinical and pathological features. <i>Movement Disorders</i> , 2018, 33, 1099-1107.	2.2	30
40	A prospective evaluation of clinical and instrumental features before and after ventriculo-peritoneal shunt in patients with idiopathic Normal pressure hydrocephalus: The Bologna PRO-Hydro study. <i>Parkinsonism and Related Disorders</i> , 2019, 66, 117-124.	1.1	30
41	Translation and linguistic validation of the Composite Autonomic Symptom Score COMPASS 31. <i>Neurological Sciences</i> , 2015, 36, 1897-1902.	0.9	29
42	The natural history of idiopathic autonomic failure. <i>Neurology</i> , 2018, 91, e1245-e1254.	1.5	29
43	SNCA 3'UTR genetic variants in patients with Parkinson's disease and REM sleep behavior disorder. <i>Neurological Sciences</i> , 2017, 38, 1233-1240.	0.9	27
44	The contribution of cerebellar proton magnetic resonance spectroscopy in the differential diagnosis among parkinsonian syndromes. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 929-937.	1.1	26
45	White matter and cortical changes in atypical parkinsonisms: A multimodal quantitative MR study. <i>Parkinsonism and Related Disorders</i> , 2017, 39, 44-51.	1.1	26
46	Grammatical gender in the brain: Evidence from an fMRI study on Italian. <i>Brain Research Bulletin</i> , 2005, 65, 301-308.	1.4	25
47	REM behaviour disorder and neurodegenerative diseases. <i>Sleep Medicine</i> , 2011, 12, S54-S58.	0.8	25
48	Not only limbs in atypical restless legs syndrome. <i>Sleep Medicine Reviews</i> , 2018, 38, 50-55.	3.8	25
49	REM sleep behavior disorder, autonomic dysfunction and synuclein-related neurodegeneration: where do we stand?. <i>Clinical Autonomic Research</i> , 2018, 28, 519-533.	1.4	25
50	A2A-D2 Heteromers on Striatal Astrocytes: Biochemical and Biophysical Evidence. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2457.	1.8	25
51	Nocturnal melatonin regulation in post-traumatic vegetative state: A possible role for melatonin supplementation?. <i>Chronobiology International</i> , 2014, 31, 741-745.	0.9	22
52	L-Dopa Modulation of Brain Connectivity in Parkinson's Disease Patients: A Pilot EEG-fMRI Study. <i>Frontiers in Neuroscience</i> , 2019, 13, 611.	1.4	22
53	Dysphagia in multiple system atrophy consensus statement on diagnosis, prognosis and treatment. <i>Parkinsonism and Related Disorders</i> , 2021, 86, 124-132.	1.1	22
54	A Mathematical Model of Levodopa Medication Effect on Basal Ganglia in Parkinson's Disease: An Application to the Alternate Finger Tapping Task. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 280.	1.0	20

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55	Gait disorders in fatal familial insomnia. <i>Movement Disorders</i> , 2014, 29, 420-424.	2.2	19
56	Hypnic jerks: neurophysiological characterization of a new motor pattern. <i>Sleep Medicine</i> , 2014, 15, 725-727.	0.8	19
57	Clinical pharmacokinetics of pramipexole, ropinirole and rotigotine in patients with Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2019, 61, 111-117.	1.1	18
58	Subjective Assessment of Sleep in Huntington Disease: Reliability of Sleep Questionnaires Compared to Polysomnography. <i>Neurodegenerative Diseases</i> , 2017, 17, 330-337.	0.8	16
59	Multi-class parkinsonian disorders classification with quantitative MR markers and graph-based features using support vector machines. <i>Parkinsonism and Related Disorders</i> , 2018, 47, 64-70.	1.1	16
60	Cognitive Function in Peripheral Autonomic Disorders. <i>PLoS ONE</i> , 2014, 9, e85020.	1.1	16
61	Rotigotine Objectively Improves Sleep in Parkinson's Disease: An Open-Label Pilot Study with Actigraphic Recording. <i>Parkinson's Disease</i> , 2016, 2016, 1-5.	0.6	15
62	Precuneal Thickness and Depression in Parkinson Disease. <i>Neurodegenerative Diseases</i> , 2017, 17, 97-102.	0.8	15
63	Two novel <i>PRNP</i> truncating mutations broaden the spectrum of prion amyloidosis. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 777-783.	1.7	15
64	Pharmacodynamics of a low subacute levodopa dose helps distinguish between multiple system atrophy with predominant Parkinsonism and Parkinson's disease. <i>Journal of Neurology</i> , 2016, 263, 250-256.	1.8	14
65	Cognitive Profile and Its Evolution in a Cohort of Multiple System Atrophy Patients. <i>Frontiers in Neurology</i> , 2020, 11, 537360.	1.1	14
66	REM Sleep Behaviour Disorder in Multiple System Atrophy: From Prodromal to Progression of Disease. <i>Frontiers in Neurology</i> , 2021, 12, 677213.	1.1	14
67	Cardiovascular changes during maximal breath-holding in elite divers. <i>Clinical Autonomic Research</i> , 2009, 19, 363-366.	1.4	13
68	Tilt-induced cardioinhibitory syncope: a follow-up study in 16 patients. <i>Clinical Autonomic Research</i> , 2012, 22, 155-160.	1.4	13
69	Neurogenic orthostatic hypotension in early stage Parkinson's disease: New insights from the first 105 patients of the BoProPark study. <i>Parkinsonism and Related Disorders</i> , 2021, 93, 12-18.	1.1	13
70	Brain magnetic resonance metabolic and microstructural changes in adult-onset autosomal dominant leukodystrophy. <i>Brain Research Bulletin</i> , 2015, 117, 24-31.	1.4	12
71	Diagnosis and Management of Autonomic Failure in Neurodegenerative Disorders. <i>European Neurology</i> , 2015, 73, 126-133.	0.6	12
72	Oculomasticatory myorhythmia and agrypnia excitata guide the diagnosis of Whipple disease. <i>Sleep Medicine</i> , 2013, 14, 1428-1430.	0.8	11

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73	Mice overexpressing lamin B1 in oligodendrocytes recapitulate the age-dependent motor signs, but not the early autonomic cardiovascular dysfunction of autosomal-dominant leukodystrophy (ADLD). <i>Experimental Neurology</i> , 2018, 301, 1-12.	2.0	11
74	A longitudinal study of a family with adult-onset autosomal dominant leukodystrophy: Clinical, autonomic and neuropsychological findings. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2016, 195, 20-26.	1.4	10
75	Supervised versus unsupervised technology-based levodopa monitoring in Parkinson's disease: an intrasubject comparison. <i>Journal of Neurology</i> , 2018, 265, 1343-1352.	1.8	10
76	Validation of the new index of baroreflex function to identify neurogenic orthostatic hypotension. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2020, 229, 102744.	1.4	10
77	Cardiovascular-Sleep Interaction in Drug-Naïve Patients With Essential Grade I Hypertension. <i>Chronobiology International</i> , 2013, 30, 31-42.	0.9	9
78	Use of antidepressants and the risk of Parkinson's disease in the Local Health Trust of Bologna: A historical cohort study. <i>Journal of the Neurological Sciences</i> , 2019, 405, 116421.	0.3	9
79	Performing sleep studies after the COVID-19 outbreak: practical suggestions from Bologna's sleep unit. <i>Sleep Medicine</i> , 2021, 77, 45-50.	0.8	9
80	Persistence of Facial Skeletal Myorhythmia During Sleep in <i>anti-α-LON5</i> Disease. <i>Movement Disorders Clinical Practice</i> , 2021, 8, 460-463.	0.8	9
81	A patient with PMP22-related hereditary neuropathy and DBH-gene-related dysautonomia. <i>Journal of Neurology</i> , 2015, 262, 2373-2381.	1.8	8
82	Iodine-123-meta-iodobenzylguanidine Myocardial Scintigraphy in Isolated Autonomic Failure: Potential Red Flag for Future Multiple System Atrophy. <i>Frontiers in Neurology</i> , 2017, 8, 225.	1.1	8
83	Mathematical modeling and parameter estimation of levodopa motor response in patients with parkinson disease. <i>PLoS ONE</i> , 2020, 15, e0229729.	1.1	7
84	Switching on the deep brain stimulation: Effects on cardiovascular regulation and respiration. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2012, 166, 81-84.	1.4	6
85	Hypnic jerks are an underestimated sleep motor phenomenon in patients with parkinsonism. A video-polysomnographic and neurophysiological study. <i>Sleep Medicine</i> , 2016, 26, 37-44.	0.8	6
86	A New Integrative Theory of Brain-Body-Ecosystem Medicine: From the Hippocratic Holistic View of Medicine to Our Modern Society. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3136.	1.2	6
87	Stridor-related gray matter alterations in multiple system atrophy: A pilot study. <i>Parkinsonism and Related Disorders</i> , 2019, 62, 226-230.	1.1	6
88	The Bologna motor and non-motor prospective study on parkinsonism at onset (BoProPark): study design and population. <i>Neurological Sciences</i> , 2020, 41, 2531-2537.	0.9	6
89	The association between restless legs syndrome, cardiovascular and metabolic diseases: Hypotheses and evidence from the literature. <i>Archives Italiennes De Biologie</i> , 2015, 153, 170-83.	0.1	5
90	Tracheostomy is associated with increased survival in Multiple System Atrophy patients with stridor. <i>European Journal of Neurology</i> , 2022, 29, 2232-2240.	1.7	5

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91	Central and cardiovascular responses to emotional stimuli are normal in non-phobic subjects with Reflex Syncope. <i>Clinical Neurophysiology</i> , 2008, 119, 1966-1972.	0.7	4
92	Cognitive profile in idiopathic autonomic failure: relation with white matter hyperintensities and neurofilament levels. <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 864-876.	1.7	4
93	Quantitative Assessment of Motor Response to a Low Subacute Levodopa Dose in the Differential Diagnosis of Parkinsonisms at Disease Onset: Data from the BoProPark Cohort. <i>Journal of Parkinson's Disease</i> , 2021, 11, 811-819.	1.5	3
94	Observing movement disorders: best practice proposal in the use of video recording in clinical practice. <i>Neurological Sciences</i> , 2019, 40, 333-338.	0.9	2
95	Do Restless Legs Syndrome (RLS) and Periodic Limb Movements of Sleep (PLMS) Play a Role in Nocturnal Hypertension and Increased Cardiovascular Risk of Renally Impaired Patients?. <i>Chronobiology International</i> , 2009, 26, 1206-1221.	0.9	1
96	Superficial siderosis associated with peripheral autonomic failure and tetraventricular hydrocephalus: a case report. <i>Clinical Autonomic Research</i> , 2017, 27, 63-66.	1.4	1
97	Reply to: Young's onset multiple system atrophy. <i>Movement Disorders</i> , 2018, 33, 1975-1976.	2.2	1
98	Role of Thalamus in Sleep-Wake Cycle Regulation. <i>Annals of Neurology</i> , 2019, 85, 611-611.	2.8	1
99	A harsh noise in the night. , 0, , 17-22.		0
100	Seeking food in the night. , 0, , 131-138.		0
101	The anxious hitting sleeper. , 0, , 171-177.		0
102	Wavelet analysis of the Valsalva maneuver: Methodology validation and application to pathological subjects. <i>Biomedical Signal Processing and Control</i> , 2017, 35, 79-86.	3.5	0
103	Letter re: Effects of orthostatic hypotension on cognition in Parkinson disease. <i>Neurology</i> , 2017, 89, 2122-2122.	1.5	0
104	Autonomic impairment in sleep: An introduction to the special edition. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2020, 224, 102638.	1.4	0
105	Autonomic dysfunction during sleep in Parkinson's disease. <i>International Review of Movement Disorders</i> , 2021, 1, 251-283.	0.1	0
106	Fatal Familial Insomnia. , 2021, , 199-212.		0
107	Sleep: Cardiovascular and Ventilatory Disorders. , 2017, , 131-138.		0