Pietro Cortelli

List of Publications by Year
in descending order

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494 papers	31,591 citations	7568 77 h-index	5988 160 g-index
502 all docs	502 docs citations	502 times ranked	24347 citing authors

#	Article	IF	Citations
1	Hereditary Early-Onset Parkinson's Disease Caused by Mutations in PINK1. Science, 2004, 304, 1158-1160.	12.6	3,060
2	Mutations in the FUS/TLS Gene on Chromosome 16 Cause Familial Amyotrophic Lateral Sclerosis. Science, 2009, 323, 1205-1208.	12.6	2,302
3	Guidelines for the diagnosis and management of syncope (version 2009): The Task Force for the Diagnosis and Management of Syncope of the European Society of Cardiology (ESC). European Heart Journal, 2009, 30, 2631-2671.	2.2	1,784
4	Consensus statement on the definition of orthostatic hypotension, neurally mediated syncope and the postural tachycardia syndrome. Clinical Autonomic Research, 2011, 21, 69-72.	2.5	1,231
5	Evidence for the Conformation of the Pathologic Isoform of the Prion Protein Enciphering and Propagating Prion Diversity. Science, 1996, 274, 2079-2082.	12.6	845
6	Fatal Familial Insomnia and Dysautonomia with Selective Degeneration of Thalamic Nuclei. New England Journal of Medicine, 1986, 315, 997-1003.	27.0	688
7	Fatal Familial Insomnia and Familial Creutzfeldt-Jakob Disease: Disease Phenotype Determined by a DNA Polymorphism. Science, 1992, 258, 806-808.	12.6	658
8	Risk and predictors of dementia and parkinsonism in idiopathic REM sleep behaviour disorder: a multicentre study. Brain, 2019, 142, 744-759.	7.6	636
9	Fatal Familial Insomnia, a Prion Disease with a Mutation at Codon 178 of the Prion Protein Gene. New England Journal of Medicine, 1992, 326, 444-449.	27.0	578
10	Consensus statement on the definition of orthostatic hypotension, neurally mediated syncope and the postural tachycardia syndrome. Autonomic Neuroscience: Basic and Clinical, 2011, 161, 46-48.	2.8	470
11	REM sleep behavior disorders in multiple system atrophy. Neurology, 1997, 48, 1094-1096.	1.1	448
12	Sympathetic skin response. Clinical Autonomic Research, 2003, 13, 256-270.	2.5	364
13	Morvan's syndrome: peripheral and central nervous system and cardiac involvement with antibodies to voltage-gated potassium channels. Brain, 2001, 124, 2417-2426.	7.6	347
14	Familial and sporadic fatal insomnia. Lancet Neurology, The, 2003, 2, 167-176.	10.2	321
15	Fatal familial insomnia and familial Creutzfeldt-Jakob disease: different prion proteins determined by a DNA polymorphism.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 2839-2842.	7.1	308
16	EFNS guidelines on the diagnosis and management of orthostatic hypotension. European Journal of Neurology, 2006, 13, 930-936.	3.3	304
17	Cost of healthcare for patients with migraine in five European countries: results from the International Burden of Migraine Study (IBMS). Journal of Headache and Pain, 2012, 13, 361-378.	6.0	248
18	Ictal bradycardia in partial epileptic seizures: Autonomic investigation in three cases and literature review. Brain, 2001, 124, 2361-2371.	7.6	234

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19	Retinal nerve fiber layer evaluation by optical coherence tomography in Leber's hereditary optic neuropathy. Ophthalmology, 2005, 112, 120-126.	5.2	222
20	The Movement Disorder Society Criteria for the Diagnosis of Multiple System Atrophy. Movement Disorders, 2022, 37, 1131-1148.	3.9	222
21	Ultrasensitive RT-QuIC assay with high sensitivity and specificity for Lewy body-associated synucleinopathies. Acta Neuropathologica, 2020, 140, 49-62.	7.7	218
22	Fatal familial insomnia. Neurology, 1992, 42, 312-312.	1.1	211
23	Mitochondrial DNA haplogroup K is associated with a lower risk of Parkinson's disease in Italians. European Journal of Human Genetics, 2005, 13, 748-752.	2.8	197
24	Nocturnal Paroxysmal Dystonia with Shortâ€Łasting Attacks: Three Cases with Evidence for an Epileptic Frontal Lobe Origin of Seizures. Epilepsia, 1990, 31, 549-556.	5.1	195
25	Abnormal brain and muscle energy metabolism shown by ³¹ P magnetic resonance spectroscopy in patients affected by migraine with aura. Neurology, 1992, 42, 1209-1209.	1.1	191
26	Recommendations for the use of cardiovascular tests in diagnosing diabetic autonomic neuropathyâ˜†. Nutrition, Metabolism and Cardiovascular Diseases, 2011, 21, 69-78.	2.6	187
27	Sleep disorders in multiple system atrophy: a correlative video-polysomnographic study. Sleep Medicine, 2004, 5, 21-30.	1.6	179
28	Fatal familial insomnia. Neurology, 1992, 42, 669-669.	1.1	178
29	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). Clinical Autonomic Research, 2018, 28, 355-362.	2.5	176
30	Regional distribution of protease-resistant prion protein in fatal familial insomnia. Annals of Neurology, 1995, 38, 21-29.	5.3	165
31	Brainâ€“heart interactions: physiology and clinical implications. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150181.	3.4	164
32	Complex movement disorders at disease onset in childhood narcolepsy with cataplexy. Brain, 2011, 134, 3480-3492.	7.6	159
33	Undiagnosed sleep-disordered breathing among male nondippers with essential hypertension. Journal of Hypertension, 1997, 15, 1227-1233.	0.5	145
34	Cluster Headache in The Republic Of San Marino. Cephalalgia, 1986, 6, 159-162.	3.9	143
35	Fatal familial insomnia. Neurology, 1996, 46, 935-939.	1.1	143
36	Retinal nerve fiber layer evaluation by optical coherence tomography in unaffected carriers with Leber's hereditary optic neuropathy mutations. Ophthalmology, 2005, 112, 127-131.	5.2	132

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37	Lessons From 8 Years' Experience of Hypothalamic Stimulation in Cluster Headache. Cephalalgia, 2008, 28, 789-797.	3.9	131
38	Diffusion-weighted brain imaging study of patients with clinical diagnosis of corticobasal degeneration, progressive supranuclear palsy and Parkinson's disease. Brain, 2008, 131, 2690-2700.	7.6	131
39	³¹ Pâ€Magnetic resonance spectroscopy in migraine without aura. Neurology, 1994, 44, 666-666.	1.1	123
40	Leber's hereditary optic neuropathy. Neurology, 1997, 48, 1623-1632.	1.1	123
41	Functional alterations of the mitochondrially encoded ND4 subunit associated with Leber's hereditary optic neuropathy. FEBS Letters, 1994, 352, 375-379.	2.8	119
42	Skin nerve misfolded Î±â€synuclein in pure autonomic failure and <scp>P</scp>arkinson disease. Annals of Neurology, 2016, 79, 306-316.	5.3	118
43	MtDNA Mutations Associated with Leberâ€²s Hereditary Optic Neuropathy: Studies on Cytoplasmic Hybrid (Cybrid) Cells. Biochemical and Biophysical Research Communications, 1995, 210, 880-888.	2.1	117
44	Current and emerging evidence-based treatment options in chronic migraine: a narrative review. Journal of Headache and Pain, 2019, 20, 92.	6.0	116
45	Homozygous PINK1 C-terminus mutation causing early-onset parkinsonism. Annals of Neurology, 2004, 56, 427-431.	5.3	113
46	Clinical Features of Fatal Familial Insomnia: Phenotypic Variability in Relation to a Polymorphism at Codon 129 of the Prion Protein Gene. Brain Pathology, 1998, 8, 515-520.	4.1	110
47	Pre-symptomatic diagnosis in fatal familial insomnia: serial neurophysiological and 18FDG-PET studies. Brain, 2006, 129, 668-675.	7.6	109
48	Acute Treatment of Migraine Attacks: Efficacy and Safety of A Nonsteroidal Anti-Inflammatory Drug, Diclofenac-Potassium, in Comparison To Oral Sumatriptan and Placebo. Cephalalgia, 1999, 19, 232-240.	3.9	106
49	Neuroethological approach to frontolimbic epileptic seizures and parasomnias: The same central pattern generators for the same behaviours. Revue Neurologique, 2009, 165, 762-768.	1.5	106
50	Defective Brain Energy Metabolism Shown by in vivo 31P MR Spectroscopy in 28 Patients with Mitochondrial Cytopathies. Journal of Cerebral Blood Flow and Metabolism, 1993, 13, 469-474.	4.3	105
51	Deficient energy metabolism is associated with low free magnesium in the brains of patients with migraine and cluster headache. Brain Research Bulletin, 2001, 54, 437-441.	3.0	103
52	Underdiagnosis and Undertreatment of Migraine in Italy: A Survey of Patients Attending for The First Time 10 Headache Centres. Cephalalgia, 2009, 29, 1285-1293.	3.9	103
53	Overexpression of blood microRNAs 103a, 30b, and 29a in <scp>l</scp> -dopaâ€“treated patients with PD. Neurology, 2015, 84, 645-653.	1.1	102
54	LRP10 genetic variants in familial Parkinson's disease and dementia with Lewy bodies: a genome-wide linkage and sequencing study. Lancet Neurology, The, 2018, 17, 597-608.	10.2	101

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55	Park6â€linked parkinsonism occurs in several european families. Annals of Neurology, 2002, 51, 14-18.	5.3	98
56	Molecular Pathology of Fatal Familial Insomnia. Brain Pathology, 1998, 8, 539-548.	4.1	98
57	Prevalence of fatigue in Parkinson disease and its clinical correlates. Neurology, 2014, 83, 215-220.	1.1	98
58	Daytime sleepiness and neural cardiac modulation in sleepâ€related breathing disorders. Journal of Sleep Research, 2008, 17, 263-270.	3.2	96
59	Sleep-related stridor due to dystonic vocal cord motion and neurogenic tachypnea/tachycardia in multiple system atrophy. Movement Disorders, 2007, 22, 673-678.	3.9	94
60	Cerebral metabolism in fatal familial insomnia: Relation to duration, neuropathology, and distribution of protease-resistent prion protein. Neurology, 1997, 49, 126-133.	1.1	93
61	The Treatment of Sleep Disorders in Parkinsonâ€™s Disease: From Research to Clinical Practice. Frontiers in Neurology, 2017, 8, 42.	2.4	93
62	Loss of temporal retinal nerve fibers in Parkinson disease: a mitochondrial pattern?. European Journal of Neurology, 2013, 20, 198-201.	3.3	92
63	Increased Prevalence of Sleep Disorders in Chronic Headache: A Caseâ€“Control Study. Headache, 2010, 50, 1464-1472.	3.9	91
64	[18F]FDG PET in fatal familial insomnia. Neurology, 1993, 43, 2565-2565.	1.1	91
65	Prevalence and incidence of cluster headache in the Republic of San Marino. Neurology, 2002, 58, 1407-1409.	1.1	89
66	Sleep-wake cycle abnormalities in fatal familial insomnia. Evidence of the role of the thalamus in sleep regulation. Electroencephalography and Clinical Neurophysiology, 1995, 94, 398-405.	0.3	88
67	Electrodiagnostic assessment of the autonomic nervous system: A consensus statement endorsed by the American Autonomic Society, American Academy of Neurology, and the International Federation of Clinical Neurophysiology. Clinical Neurophysiology, 2021, 132, 666-682.	1.5	88
68	Cardiovascular autonomic dysfunctions and sleep disorders. Sleep Medicine Reviews, 2016, 26, 43-56.	8.5	87
69	SUDDEN FALLS DUE TO SEIZURE-INDUCED CARDIAC ASYSTOLE IN DRUG-RESISTANT FOCAL EPILEPSY. Neurology, 2008, 70, 1933-1935.	1.1	86
70	Abnormal Sleep-Cardiovascular System Interaction in Narcolepsy with Cataplexy: Effects of Hypocretin Deficiency in Humans. Sleep, 2012, 35, 519-528.	1.1	86
71	Stridor in multiple system atrophy. Neurology, 2019, 93, 630-639.	1.1	86
72	Diurnal Fluctuations in Free and Total Steadyâ€State Plasma Levels of Carbamazepine and Correlation with Intermittent Side Effects. Epilepsia, 1984, 25, 476-481.	5.1	85

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73	Abnormal Platelet Mitochondrial Function in Patients Affected by Migraine With and Without Aura. Cephalalgia, 1994, 14, 21-23.	3.9	85
74	A genetic association study of dopamine metabolism-related genes and chronic headache with drug abuse. European Journal of Neurology, 2006, 13, 1009-1013.	3.3	85
75	Pharmacodynamic modeling of oral levodopa. Neurology, 1993, 43, 367-367.	1.1	83
76	Headache, anxiety and depressive disorders: the HADAS study. Journal of Headache and Pain, 2010, 11, 141-150.	6.0	83
77	Complicated Migraine Studied by Phosphorus Magnetic Resonance Spectroscopy. Cephalalgia, 1990, 10, 263-272.	3.9	82
78	Magnetic Resonance Spectroscopy Studies in Migraine. Cephalalgia, 1994, 14, 184-193.	3.9	81
79	Pathologic correlates of diffusion MRI changes in Creutzfeldt-Jakob disease. Neurology, 2009, 72, 1425-1431.	1.1	81
80	Association of Optic Disc Size with Development and Prognosis of Leberâ€™s Hereditary Optic Neuropathy. , 2009, 50, 1666.		81
81	Diurnal blood pressure variation and hormonal correlates in fatal familial insomnia.. Hypertension, 1994, 23, 569-576.	2.7	80
82	Cardiovascular autonomic dysfunction in normotensive awake subjects with obstructive sleep apnoea syndrome. Clinical Autonomic Research, 1994, 4, 57-62.	2.5	79
83	Family History for Chronic Headache and Drug Overuse as a Risk Factor for Headache Chronification. Headache, 2009, 49, 412-418.	3.9	79
84	Orexin/hypocretin system and autonomic control. Neurology, 2014, 82, 271-278.	1.1	78
85	Clinical and brain bioenergetics improvement with idebenone in a patient with Leber's hereditary optic neuropathy: a clinical and 31P-MRS study. Journal of the Neurological Sciences, 1997, 148, 25-31.	0.6	76
86	The thalamus participates in the regulation of the sleep-waking cycle. A clinico-pathological study in fatal familial thalamic degeneration. Electroencephalography and Clinical Neurophysiology, 1989, 73, 117-123.	0.3	75
87	PINK1heterozygous rare variants: prevalence, significance and phenotypic spectrum. Human Mutation, 2008, 29, 565-565.	2.5	74
88	Sensitization and Interoception as Key Neurological Concepts in Osteopathy and Other Manual Medicines. Frontiers in Neuroscience, 2016, 10, 100.	2.8	74
89	A critique of the second consensus criteria for multiple system atrophy. Movement Disorders, 2019, 34, 975-984.	3.9	73
90	Defective brain and muscle energy metabolism shown by in vivo ³¹ P magnetic resonance spectroscopy in nonaffected carriers of 11778 mtDNA mutation. Neurology, 1995, 45, 1364-1369.	1.1	72

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91	Nocturnal body core temperature falls in Parkinson's disease but not in multipleâ€system atrophy. Movement Disorders, 2001, 16, 226-232.	3.9	72
92	Skin sympathetic fiber Î±-synuclein deposits. Neurology, 2013, 80, 725-732.	1.1	72
93	SUNCT/SUNA and neurovascular compression: New cases and critical literature review. Cephalalgia, 2013, 33, 1337-1348.	3.9	72
94	Testing Models for Genetic Determination in Migraine. Cephalalgia, 1993, 13, 389-394.	3.9	71
95	Study of hypothalamic metabolism in cluster headache by proton MR spectroscopy. Neurology, 2006, 66, 1264-1266.	1.1	69
96	Autonomic innervation in multiple system atrophy and pure autonomic failure. Journal of Neurology, Neurosurgery and Psychiatry, 2010, 81, 1327-1335.	1.9	69
97	Videopolygraphic and functional MRI study of musicogenic epilepsy. A case report and literature review. Epilepsy and Behavior, 2008, 13, 685-692.	1.7	68
98	REM sleep behaviour disorder differentiates pure autonomic failure from multiple system atrophy with autonomic failure. Journal of Neurology, Neurosurgery and Psychiatry, 1998, 64, 683-685.	1.9	67
99	Lamin B1 overexpression increases nuclear rigidity in autosomal dominant leukodystrophy fibroblasts. FASEB Journal, 2014, 28, 3906-3918.	0.5	67
100	Mitochondrial Abnormalities in Migraine. Preliminary Findings.. Headache, 1988, 28, 477-480.	3.9	65
101	Phenotypic characterisation of autosomal recessive PARK6-linked parkinsonism in three unrelated Italian families. Movement Disorders, 2001, 16, 999-1006.	3.9	65
102	Impulse control disorders in advanced Parkinson's disease with dyskinesia: The ALTHEA study. Movement Disorders, 2017, 32, 1557-1565.	3.9	65
103	Phosphorus magnetic resonance spectroscopy in multiple system atrophy and Parkinson's disease. Movement Disorders, 1999, 14, 430-435.	3.9	64
104	Deficit of Brain and Skeletal Muscle Bioenergetics and Low Brain Magnesium in Juvenile Migraine: An in Vivo 31P Magnetic Resonance Spectroscopy Interictal Study. Pediatric Research, 1997, 42, 866-871.	2.3	64
105	Clinical/Metabolic Correlations in Multiple System Atrophy. Archives of Neurology, 1995, 52, 179.	4.5	61
106	A genetic association study of migraine with dopamine receptor 4, dopamine transporter and dopamine-beta-hydroxylase genes. Neurological Sciences, 2003, 23, 301-305.	1.9	61
107	Early stridor onset and stridor treatment predict survival in 136 patients with MSA. Neurology, 2016, 87, 1375-1383.	1.1	61
108	Brain ischemic injury in COVIDâ€19â€infected patients: a series of 10 postâ€mortem cases. Brain Pathology, 2021, 31, 205-210.	4.1	61

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109	Fatal familial insomnia: clinical features and molecular genetics. Journal of Sleep Research, 1999, 8, 23-29.	3.2	60
110	A2Aâ€Ð2 receptorâ€“receptor interaction modulates gliotransmitter release from striatal astrocyte processes. Journal of Neurochemistry, 2017, 140, 268-279.	3.9	60
111	Cardiovascular dysautonomia in fatal familial insomnia. Clinical Autonomic Research, 1991, 1, 15-21.	2.5	58
112	Effect on Sleep of Posterior Hypothalamus Stimulation in Cluster Headache. Headache, 2007, 47, 1085-1090.	3.9	58
113	Effect of deep brain stimulation of the posterior hypothalamic area on the cardiovascular system in chronic cluster headache patients. European Journal of Neurology, 2007, 14, 1008-1015.	3.3	58
114	Autonomic Nervous System Function in Migraine Without Aura. Headache, 1991, 31, 457-462.	3.9	57
115	`Secondary' 4216/ND1 and 13708/ND5 Leber's hereditary optic neuropathy mitochondrial DNA mutations do not further impair in vivo mitochondrial oxidative metabolism when associated with the 11778/ND4 mitochondrial DNA mutation. Brain, 2000, 123, 1896-1902.	7.6	57
116	Polysomnographic Findings and Clinical Correlates in Huntington Disease: A Cross-Sectional Cohort Study. Sleep, 2015, 38, 1489-1495.	1.1	57
117	Bidirectional interactions between the baroreceptor reflex and arousal: an update. Sleep Medicine, 2015, 16, 210-216.	1.6	57
118	Response to a Standard Oral Levodopa Test in Parkinsonian Patients with and without Motor Fluctuations. Clinical Neuropharmacology, 1990, 13, 19-28.	0.7	56
119	Baroreflex modulation during sleep and in obstructive sleep apnea syndrome. Autonomic Neuroscience: Basic and Clinical, 2012, 169, 7-11.	2.8	56
120	COVIDâ€19â€“Associated Encephalopathy and Cytokineâ€Mediated Neuroinflammation. Annals of Neurology, 2020, 88, 860-861.	5.3	56
121	Dopaminergic Neuronal Imaging in Genetic Parkinson's Disease: Insights into Pathogenesis. PLoS ONE, 2013, 8, e69190.	2.5	55
122	Leber's hereditary optic neuropathy. Neurology, 1991, 41, 1211-1211.	1.1	54
123	Evidenceâ€Based Diagnosis of Nontraumatic Headache in the Emergency Department: A Consensus Statement on Four Clinical Scenarios. Headache, 2004, 44, 587-595.	3.9	53
124	Nociception and autonomic nervous system. Neurological Sciences, 2013, 34, 41-46.	1.9	53
125	Endogenous benzodiazepine receptor ligands in idiopathic recurring stupor. Lancet, The, 1992, 340, 1002-1004.	13.7	52
126	Idiopathic recurring stupor: A case with possible involvement of the gamma-aminobutyric acid (GABA)ergic system. Annals of Neurology, 1992, 31, 503-506.	5.3	52

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127	Sleep-dependent changes in the coupling between heart period and blood pressure in human subjects. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R1686-R1692.	1.8	52
128	Agrypnia Excitata. Sleep Medicine, 2011, 12, S3-S10.	1.6	52
129	Brain dysfunction in COVIDâ€19 and CARâ€T therapy: cytokine stormâ€associated encephalopathy. Annals of Clinical and Translational Neurology, 2021, 8, 968-979.	3.7	52
130	Progressive disruption of the circadian rhythm of melatonin in fatal familial insomnia.. Journal of Clinical Endocrinology and Metabolism, 1994, 78, 1075-1078.	3.6	50
131	Propriospinal myoclonus at the sleep-wake transition: a new type of parasomnia. Sleep, 2001, 24, 835-43.	1.1	50
132	Physiologic autonomic arousal heralds motor manifestations of seizures in nocturnal frontal lobe epilepsy: Implications for pathophysiology. Sleep Medicine, 2012, 13, 252-262.	1.6	49
133	Validation of the Composite Autonomic Symptom Score 31 (<scp>COMPASS</scp> 31) for the assessment of symptoms of autonomic neuropathy in people with diabetes. Diabetic Medicine, 2017, 34, 834-838.	2.3	49
134	Plasma and White Blood Cells Show Different miRNA Expression Profiles in Parkinsonâ€™s Disease. Journal of Molecular Neuroscience, 2017, 62, 244-254.	2.3	49
135	Risk of Hospitalization and Death for <scp>COVID</scp>â€19 in People with Parkinson's Disease or Parkinsonism. Movement Disorders, 2021, 36, 1-10.	3.9	49
136	New insights into orthostatic hypotension in multiple system atrophy: a European multicentre cohort study. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 554-561.	1.9	48
137	Phosphorus MR spectroscopy shows a tissue specific in vivo distribution of biochemical expression of the G3460A mutation in Leber's hereditary optic neuropathy. Journal of Neurology, Neurosurgery and Psychiatry, 2002, 72, 805-807.	1.9	46
138	The Primary Headaches as a Reflection of Genetic Darwinian Adaptive Behavioral Responses. Headache, 2010, 50, 273-289.	3.9	46
139	Accuracy of MR markers for differentiating Progressive Supranuclear Palsy from Parkinson's disease. NeuroImage: Clinical, 2016, 11, 736-742.	2.7	46
140	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?. Chronobiology International, 2009, 26, 1206-1221.	2.0	45
141	Spectral analysis of heart rate variability reveals an enhanced sympathetic activity in narcolepsy with cataplexy. Clinical Neurophysiology, 2010, 121, 1142-1147.	1.5	45
142	Standing worsens cognitive functions in patients with neurogenic orthostatic hypotension. Neurological Sciences, 2012, 33, 469-473.	1.9	45
143	Neurofilament light chain and Î±-synuclein RT-QuIC as differential diagnostic biomarkers in parkinsonisms and related syndromes. Npj Parkinson's Disease, 2021, 7, 93.	5.3	45
144	Clinical, autonomic and therapeutic observations in two siblings with postural hypotension and sympathetic failure due to an inability to synthesize noradrenaline from dopamine because of a deficiency of dopamine beta hydroxylase. The Quarterly Journal of Medicine, 1990, 75, 617-33.	1.0	45

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145	Transient Hypohidrosis Induced by Topiramate. Epilepsia, 2003, 44, 974-976.	5.1	44
146	Cardiovascular autonomic testing performed with a new integrated instrumental approach is useful in differentiating MSA-P from PD at an early stage. Parkinsonism and Related Disorders, 2015, 21, 477-482.	2.2	44
147	Chronic pain-autonomic interactions. Neurological Sciences, 2003, 24, s68-s70.	1.9	43
148	Propriospinal myoclonus: A motor phenomenon found in restless legs syndrome different from periodic limb movements during sleep. Movement Disorders, 2005, 20, 1323-1329.	3.9	43
149	Iodineâ€123 Metaiodobenzylguanidine Scintigraphy and Iodineâ€123 Ioflupane Single Photon Emission Computed Tomography in Lewy Body Diseases: Complementary or Alternative Techniques?. Journal of Neuroimaging, 2014, 24, 149-154.	2.0	43
150	Migraine as a defect of brain oxidative metabolism: a hypothesis. Journal of Neurology, 1989, 236, 124-125.	3.6	42
151	Spontaneous low cerebrospinal pressure: a mini review. Neurological Sciences, 2004, 25, s135-s137.	1.9	42
152	Arousal elicits exaggerated inhibition of sympathetic nerve activity in phobic syncope patients. Brain, 2007, 130, 1653-1662.	7.6	42
153	Magnetic resonance diagnostic markers in clinically sporadic prion disease: a combined brain magnetic resonance imaging and spectroscopy study. Brain, 2009, 132, 2669-2679.	7.6	42
154	Orthostatic hypotension and cognitive impairment: a dangerous association?. Neurological Sciences, 2014, 35, 951-957.	1.9	42
155	Headache in epilepsy: prevalence and clinical features. Journal of Headache and Pain, 2015, 16, 556.	6.0	42
156	Migraine and sleep disorders. Neurological Sciences, 2012, 33, 43-46.	1.9	41
157	Peripheral Autonomic Neuropathy: Diagnostic Contribution of Skin Biopsy. Journal of Neuropathology and Experimental Neurology, 2012, 71, 1000-1008.	1.7	40
158	Idiopathic recurring stupor. Neurology, 1994, 44, 621-621.	1.1	40
159	Low Brain Intracellular Free Magnesium in Mitochondrial Cytopathies. Journal of Cerebral Blood Flow and Metabolism, 1999, 19, 528-532.	4.3	39
160	Studies on homocysteine and dehydroepiandrosterone sulphate plasma levels in alzheimerâ€™s disease patients and in Parkinsonâ€™s disease patients. Neurotoxicity Research, 2004, 6, 327-332.	2.7	39
161	Motor Overactivity and Loss of Motor Circadian Rhythm in Fatal Familial Insomnia: An Actigraphic Study. Sleep, 1997, 20, 739-742.	1.1	38
162	Status dissociatus evolving from REM sleep behaviour disorder in multiple system atrophy. Sleep Medicine, 2009, 10, 247-252.	1.6	38

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163	Oneiric stupor: The peculiar behaviour of agrypnia excitata. Sleep Medicine, 2011, 12, S64-S67.	1.6	38
164	Fatal familial insomnia: Sleep, neuroendocrine and vegetative alterations. Advances in Neuroimmunology, 1995, 5, 13-21.	1.8	37
165	Headache and anxietyâ€“depressive disorder comorbidity: the HADAS study. Neurological Sciences, 2007, 28, S217-S219.	1.9	37
166	Effect of Parasympathetic Stimulation on Brain Activity During Appraisal of Fearful Expressions. Neuropsychopharmacology, 2015, 40, 1649-1658.	5.4	37
167	Dissociated 24-Hour Patterns of Somatotropin and Prolactin in Fatal Familial Insomnia. Neuroendocrinology, 1995, 61, 731-737.	2.5	36
168	Lack of association between mitochondrial tRNALeu(UUR) point mutation and cluster headache. Lancet, The, 1995, 345, 1120-1121.	13.7	36
169	X-inactivation patterns in female Leber's hereditary optic neuropathy patients do not support a strong X-linked determinant. , 1996, 61, 356-362.		36
170	Tribute to Pasquale Montagna, 1950â€“2010. Neurological Sciences, 2011, 32, 1-2.	1.9	36
171	Cognitive and Sleep Features of Multiple System Atrophy: Review and Prospective Study. European Neurology, 2014, 72, 349-359.	1.4	36
172	Frontal encephalopathy related to hyperinflammation in COVID-19. Journal of Neurology, 2021, 268, 16-19.	3.6	36
173	A levodopa kinetic-dynamic study of the rate of progression in Parkinson's disease. Neurology, 1998, 51, 1075-1080.	1.1	35
174	A new Turkish family with homozygous FBXO7 truncating mutation and juvenile atypical parkinsonism. Parkinsonism and Related Disorders, 2014, 20, 1248-1252.	2.2	35
175	Intravenous immunoglobulin therapy in COVID-19-related encephalopathy. Journal of Neurology, 2021, 268, 2671-2675.	3.6	35
176	Autonomic and hormonal ictal changes in gelastic seizures from hypothalamic hamartomas. Electroencephalography and Clinical Neurophysiology, 1998, 107, 317-322.	0.3	34
177	PARK6 is a common cause of familial parkinsonism. Neurological Sciences, 2002, 23, s117-s118.	1.9	34
178	Plasmapheresis improves the outcome of central pontine myelinolysis. Journal of Neurology, 2005, 252, 734-735.	3.6	34
179	Physiological Mechanisms Mediating the Coupling between Heart Period and Arterial Pressure in Response to Postural Changes in Humans. Frontiers in Physiology, 2017, 8, 163.	2.8	34
180	Hyperacute reversible encephalopathy related to cytokine storm following COVID-19 vaccine. Journal of Neuroimmunology, 2021, 358, 577661.	2.3	34

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