Viorica Chelban

List of Publications by Year
in descending order

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42 papers	2,756 citations	361413 20 h-index	276875 41 g-index
42 all docs	42 docs citations	42 times ranked	4714 citing authors

#	Article	IF	Citations
1	Identification of novel risk loci, causal insights, and heritable risk for Parkinson's disease: a meta-analysis of genome-wide association studies. Lancet Neurology, The, 2019, 18, 1091-1102.	10.2	1,414
2	Genetic and phenotypic characterization of complex hereditary spastic paraplegia. Brain, 2016, 139, 1904-1918.	7.6	170
3	A genome-wide association study in multiple system atrophy. Neurology, 2016, 87, 1591-1598.	1.1	139
4	Identification of Candidate Parkinson Disease Genes by Integrating Genome-Wide Association Study, Expression, and Epigenetic Data Sets. JAMA Neurology, 2021, 78, 464.	9.0	95
5	Diagnosis Across the Spectrum of Progressive Supranuclear Palsy and Corticobasal Syndrome. JAMA Neurology, 2020, 77, 377.	9.0	94
6	The endocytic membrane trafficking pathway plays a major role in the risk of Parkinson's disease. Movement Disorders, 2019, 34, 460-468.	3.9	66
7	Penetrance of Parkinson's Disease in LRRK2 p.G2019S Carriers Is Modified by a Polygenic Risk Score. Movement Disorders, 2020, 35, 774-780.	3.9	57
8	PDXK mutations cause polyneuropathy responsive to pyridoxal 5â€²â€phosphate supplementation. Annals of Neurology, 2019, 86, 225-240.	5.3	54
9	The Genetic Architecture of Parkinson Disease in Spain: Characterizing Populationâ€Specific Risk, Differential Haplotype Structures, and Providing Etiologic Insight. Movement Disorders, 2019, 34, 1851-1863.	3.9	47
10	An update on advances in magnetic resonance imaging of multiple system atrophy. Journal of Neurology, 2019, 266, 1036-1045.	3.6	47
11	Bi-allelic JAM2 Variants Lead to Early-Onset Recessive Primary Familial Brain Calcification. American Journal of Human Genetics, 2020, 106, 412-421.	6.2	47
12	Mutations in NKX6-2 Cause Progressive Spastic Ataxia and Hypomyelination. American Journal of Human Genetics, 2017, 100, 969-977.	6.2	38
13	Investigation of somatic CNVs in brains of synucleinopathy cases using targeted SNCA analysis and single cell sequencing. Acta Neuropathologica Communications, 2019, 7, 219.	5.2	35
14	Truncating mutations inSPASTpatients are associated with a high rate of psychiatric comorbidities in hereditary spastic paraplegia. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 681-687.	1.9	30
15	Proximity extension assay testing reveals novel diagnostic biomarkers of atypical parkinsonian syndromes. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 768-773.	1.9	29
16	Investigation of Autosomal Genetic Sex Differences in Parkinson's Disease. Annals of Neurology, 2021, 90, 35-42.	5.3	29
17	Genotypeâ€phenotype correlations, dystonia and disease progression in spinocerebellar ataxia type 14. Movement Disorders, 2018, 33, 1119-1129.	3.9	26
18	<scp>RFC1</scp> Intronic Repeat Expansions Absent in Pathologically Confirmed Multiple Systems Atrophy. Movement Disorders, 2020, 35, 1277-1279.	3.9	26

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19	An update on MSA: premotor and non-motor features open a window of opportunities for early diagnosis and intervention. Journal of Neurology, 2020, 267, 2754-2770.	3.6	25
20	Genetic and Clinical Heterogeneity in Thirteen New Cases with Aceruloplasminemia. Atypical Anemia as a Clue for an Early Diagnosis. International Journal of Molecular Sciences, 2020, 21, 2374.	4.1	25
21	RFC1-related ataxia is a mimic of early multiple system atrophy. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 444-446.	1.9	25
22	Low Prevalence of NOTCH2NLC GGC Repeat Expansion in White Patients with Movement Disorders. Movement Disorders, 2021, 36, 251-255.	3.9	23
23	Mutations in XRCC1 cause cerebellar ataxia and peripheral neuropathy. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 1230-1232.	1.9	18
24	Genotype-phenotype correlations and expansion of the molecular spectrum of AP4M1-related hereditary spastic paraplegia. Orphanet Journal of Rare Diseases, 2017, 12, 172.	2.7	17
25	Autonomic dysfunction in genetic forms of synucleinopathies. Movement Disorders, 2018, 33, 359-371.	3.9	17
26	Genetic and phenotypic characterization of NKX6â€2 â€related spastic ataxia and hypomyelination. European Journal of Neurology, 2020, 27, 334-342.	3.3	16
27	Automated Brainstem Segmentation Detects Differential Involvement in Atypical Parkinsonian Syndromes. Journal of Movement Disorders, 2020, 13, 39-46.	1.3	16
28	LRP10 in Î±-synucleinopathies. Lancet Neurology, The, 2018, 17, 1032.	10.2	15
29	<scp>GLS</scp> loss of function causes autosomal recessive spastic ataxia and optic atrophy. Annals of Clinical and Translational Neurology, 2018, 5, 216-221.	3.7	13
30	MYORG -related disease is associated with central pontine calcifications and atypical parkinsonism. Neurology: Genetics, 2020, 6, e399.	1.9	13
31	Mitochondrial <scp>D</scp><scp>NA</scp> Analysis from Exome Sequencing Data Improves Diagnostic Yield in Neurological Diseases. Annals of Neurology, 2021, 89, 1240-1247.	5.3	12
32	Severe axonal neuropathy is a late manifestation of SPG11. Journal of Neurology, 2016, 263, 2278-2286.	3.6	11
33	LRP10 in Î±-synucleinopathies. Lancet Neurology, The, 2018, 17, 1033-1034.	10.2	11
34	Lysosomal storage disorder gene variants in multiple system atrophy. Brain, 2018, 141, e53-e53.	7.6	11
35	Expanding the Spectrum of <scp>AP5Z1â€</scp>Related Hereditary Spastic Paraplegia (<scp>HSPâ€SPG48</scp>): A Multicenter Study on a Rare Disease. Movement Disorders, 2021, 36, 1034-1038.	3.9	9
36	Combining biomarkers for prognostic modelling of Parkinsonâ€™s disease. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 707-715.	1.9	9

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37	Hereditary polyneuropathy with optic atrophy due to PDXK variant leading to impaired Vitamin B6 metabolism. Neuromuscular Disorders, 2020, 30, 583-589.	0.6	7
38	Spastic paraplegia preceding PSEN1 â€related familial Alzheimer's disease. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12186.	2.4	7
39	Analysis of the prion protein gene in multiple system atrophy. Neurobiology of Aging, 2017, 49, 216.e15-216.e18.	3.1	6
40	Triple trouble: a striking new phenotype or competing genes in a family with hereditary spastic paraplegia. Journal of Neurology, 2016, 263, 1232-1233.	3.6	4
41	A novel frameshift deletion in autosomal recessive SBF1-related syndromic neuropathy with necklace fibres. Journal of Neurology, 2020, 267, 2705-2712.	3.6	3
42	Drug-resistant epilepsy: modern concepts, integrative mechanisms, and therapeutic advances. The Moldovan Medical Journal, 2021, 64, 72-85.	0.1	0