Aurora Pujol

List of Publications by Year
in descending order

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141 papers	15,991 citations	41344 49 h-index	18130 120 g-index
144 all docs	144 docs citations	144 times ranked	29386 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. Science, 2020, 370, .	12.6	1,983
3	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. Science, 2020, 370, .	12.6	1,749
4	Autoantibodies neutralizing type I IFNs are present in ~4% of uninfected individuals over 70 years old and account for ~20% of COVID-19 deaths. Science Immunology, 2021, 6, .	11.9	357
5	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. Science Immunology, 2021, 6, .	11.9	267
6	ABCD1 mutations and the X-linked adrenoleukodystrophy mutation database: Role in diagnosis and clinical correlations. Human Mutation, 2001, 18, 499-515.	2.5	261
7	Human genetic and immunological determinants of critical COVID-19 pneumonia. Nature, 2022, 603, 587-598.	27.8	216
8	Pharmacological Inhibition of Poly(ADP-Ribose) Polymerases Improves Fitness and Mitochondrial Function in Skeletal Muscle. Cell Metabolism, 2014, 19, 1034-1041.	16.2	211
9	A Global Effort to Define the Human Genetics of Protective Immunity to SARS-CoV-2 Infection. Cell, 2020, 181, 1194-1199.	28.9	185
10	Early oxidative damage underlying neurodegeneration in X-adrenoleukodystrophy. Human Molecular Genetics, 2008, 17, 1762-1773.	2.9	181
11	Late onset neurological phenotype of the X-ALD gene inactivation in mice: a mouse model for adrenomyeloneuropathy. Human Molecular Genetics, 2002, 11, 499-505.	2.9	176
12	Functional overlap between ABCD1 (ALD) and ABCD2 (ALDR) transporters: a therapeutic target for X-adrenoleukodystrophy. Human Molecular Genetics, 2004, 13, 2997-3006.	2.9	170
13	The Evolutionary Origin of Peroxisomes: An ER-Peroxisome Connection. Molecular Biology and Evolution, 2006, 23, 838-845.	8.9	152
14	De Novo Mutations in Protein Kinase Genes CAMK2A and CAMK2B Cause Intellectual Disability. American Journal of Human Genetics, 2017, 101, 768-788.	6.2	136
15	Antioxidants halt axonal degeneration in a mouse model of Xâ€adrenoleukodystrophy. Annals of Neurology, 2011, 70, 84-92.	5.3	122
16	Pathomechanisms Underlying Xâ€Adrenoleukodystrophy: A Threeâ€Hit Hypothesis. Brain Pathology, 2010, 20, 838-844.	4.1	116
17	Methylene blue upregulates Nrf2/ARE genes and prevents tau-related neurotoxicity. Human Molecular Genetics, 2014, 23, 3716-3732.	2.9	115
18	General Aspects and Neuropathology of Xâ€Linked Adrenoleukodystrophy. Brain Pathology, 2010, 20, 817-830.	4.1	112

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19	Functional Genomics Reveals Dysregulation of Cortical Olfactory Receptors in Parkinson Disease: Novel Putative Chemoreceptors in the Human Brain. Journal of Neuropathology and Experimental Neurology, 2013, 72, 524-539.	1.7	111
20	The risk of COVID-19 death is much greater and age dependent with type I IFN autoantibodies. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2200413119.	7.1	110
21	Deregulation of purine metabolism in Alzheimer's disease. Neurobiology of Aging, 2015, 36, 68-80.	3.1	108
22	Neuroinflammatory Signals in Alzheimer Disease and APP/PS1 Transgenic Mice. Journal of Neuropathology and Experimental Neurology, 2015, 74, 319-344.	1.7	105
23	PeroxisomeDB 2.0: an integrative view of the global peroxisomal metabolome. Nucleic Acids Research, 2010, 38, D800-D805.	14.5	103
24	SARS-CoV-2â€“related MIS-C: A key to the viral and genetic causes of Kawasaki disease?. Journal of Experimental Medicine, 2021, 218, .	8.5	100
25	Neutralizing Autoantibodies to Type I IFNs in >10% of Patients with Severe COVID-19 Pneumonia Hospitalized in Madrid, Spain. Journal of Clinical Immunology, 2021, 41, 914-922.	3.8	100
26	Amyloid Generation and Dysfunctional Immunoproteasome Activation with Disease Progression in Animal Model of Familial Alzheimer's Disease. Brain Pathology, 2012, 22, 636-653.	4.1	95
27	Impaired mitochondrial oxidative phosphorylation in the peroxisomal disease X-linked adrenoleukodystrophy. Human Molecular Genetics, 2013, 22, 3296-3305.	2.9	95
28	A key role for the peroxisomalABCD2transporter in fatty acid homeostasis. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E211-E221.	3.5	91
29	Inactivation of the peroxisomal ABCD2 transporter in the mouse leads to late-onset ataxia involving mitochondria, Golgi and endoplasmic reticulum damage. Human Molecular Genetics, 2005, 14, 3565-3577.	2.9	90
30	Valproic acid induces antioxidant effects in X-linked adrenoleukodystrophy. Human Molecular Genetics, 2010, 19, 2005-2014.	2.9	90
31	Epigenome-wide association study of COVID-19 severity with respiratory failure. EBioMedicine, 2021, 66, 103339.	6.1	90
32	Accelerated biological aging in COVID-19 patients. Nature Communications, 2022, 13, 2135.	12.8	87
33	Oxidative stress underlying axonal degeneration in adrenoleukodystrophy: A paradigm for multifactorial neurodegenerative diseases?. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 1475-1488.	3.8	84
34	Current and Future Pharmacological Treatment Strategies in Xâ€Linked Adrenoleukodystrophy. Brain Pathology, 2010, 20, 845-856.	4.1	80
35	Complete nucleotide sequence of Saccharomyces cerevisiae chromosome X.. EMBO Journal, 1996, 15, 2031-2049.	7.8	78
36	Oxidative Damage Compromises Energy Metabolism in the Axonal Degeneration Mouse Model of X-Adrenoleukodystrophy. Antioxidants and Redox Signaling, 2011, 15, 2095-2107.	5.4	78

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37	Oxidative stress modulates mitochondrial failure and cyclophilin D function in X-linked adrenoleukodystrophy. Brain, 2012, 135, 3584-3598.	7.6	78
38	Bezafibrate administration improves behavioral deficits and tau pathology in P301S mice. Human Molecular Genetics, 2012, 21, 5091-5105.	2.9	77
39	Mitochondrial Disease Sequence Data Resource (MSeqDR): A global grass-roots consortium to facilitate deposition, curation, annotation, and integrated analysis of genomic data for the mitochondrial disease clinical and research communities. Molecular Genetics and Metabolism, 2015, 114, 388-396.	1.1	76
40	Neurochemistry and the non-motor aspects of PD. Neurobiology of Disease, 2012, 46, 508-526.	4.4	73
41	Studying severe long COVID to understand post-infectious disorders beyond COVID-19. Nature Medicine, 2022, 28, 879-882.	30.7	72
42	FAHN/SPG35: a narrow phenotypic spectrum across disease classifications. Brain, 2019, 142, 1561-1572.	7.6	70
43	Pioglitazone halts axonal degeneration in a mouse model of X-linked adrenoleukodystrophy. Brain, 2013, 136, 2432-2443.	7.6	69
44	Loss of the sphingolipid desaturase DEGS1 causes hypomyelinating leukodystrophy. Journal of Clinical Investigation, 2019, 129, 1240-1256.	8.2	68
45	PeroxisomeDB: a database for the peroxisomal proteome, functional genomics and disease. Nucleic Acids Research, 2007, 35, D815-D822.	14.5	65
46	Functional genomic analysis unravels a metabolic-inflammatory interplay in adrenoleukodystrophy. Human Molecular Genetics, 2012, 21, 1062-1077.	2.9	62
47	Recessive inborn errors of type I IFN immunity in children with COVID-19 pneumonia. Journal of Experimental Medicine, 2022, 219, .	8.5	59
48	Activation of Promoter P4 of the Autonomous Parvovirus Minute Virus of Mice at Early S Phase Is Required for Productive Infection. Journal of Virology, 1999, 73, 3877-3885.	3.4	55
49	The nucleotide sequence of Saccharomyces cerevisiae chromosome XV. Nature, 1997, 387, 98-102.	27.8	54
50	Oxidative stress, mitochondrial and proteostasis malfunction in adrenoleukodystrophy: A paradigm for axonal degeneration. Free Radical Biology and Medicine, 2015, 88, 18-29.	2.9	54
51	Mitochondrial dysfunction in central nervous system white matter disorders. Glia, 2014, 62, 1878-1894.	4.9	52
52	Shorter androgen receptor polyQ alleles protect against life-threatening COVID-19 disease in European males. EBioMedicine, 2021, 65, 103246.	6.1	52
53	Mouse liver PMP70 and ALDP: homomeric interactions prevail in vivo. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2004, 1689, 235-243.	3.8	51
54	Dual Molecular Effects of Dominant RORA Mutations Cause Two Variants of Syndromic Intellectual Disability with Either Autism or Cerebellar Ataxia. American Journal of Human Genetics, 2018, 102, 744-759.	6.2	51

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55	PGCâ€1Î±: overexpression exacerbates Î²â€amyloid and tau deposition in a transgenic mouse model of Alzheimer's disease. FASEB Journal, 2014, 28, 1745-1755.	0.5	47
56	Mutations in Histone Acetylase Modifier BRPF1 Cause an Autosomal-Dominant Form of Intellectual Disability with Associated Ptosis. American Journal of Human Genetics, 2017, 100, 105-116.	6.2	46
57	Isolation of a fully infectious variant of parvovirus H-1 supplanting the standard strain in human cells. Journal of Virology, 1995, 69, 4538-4543.	3.4	45
58	Steroid Hormones Control Circadian Elovl3 Expression in Mouse Liver. Endocrinology, 2008, 149, 3158-3166.	2.8	44
59	Parkinsonism and spastic paraplegia type 7: Expanding the spectrum of mitochondrial Parkinsonism. Movement Disorders, 2019, 34, 1547-1561.	3.9	44
60	Inhibition of parvovirus minute virus of mice replication by a peptide involved in the oligomerization of nonstructural protein NS1. Journal of Virology, 1997, 71, 7393-7403.	3.4	44
61	Astrocytes and mitochondria from adrenoleukodystrophy protein (ABCD1)-deficient mice reveal that the adrenoleukodystrophy-associated very long-chain fatty acids target several cellular energy-dependent functions. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 925-936.	3.8	43
62	Tauroursodeoxycholic bile acid arrests axonal degeneration by inhibiting the unfolded protein response in X-linked adrenoleukodystrophy. Acta Neuropathologica, 2017, 133, 283-301.	7.7	43
63	Clinical presentation and proteomic signature of patients with TANGO2 mutations. Journal of Inherited Metabolic Disease, 2020, 43, 297-308.	3.6	43
64	Mitochondrial dysfunction and oxidative damage cooperatively fuel axonal degeneration in X-linked adrenoleukodystrophy. Biochimie, 2014, 98, 143-149.	2.6	42
65	Allelic Expression Imbalance Promoting a Mutant PEX6 Allele Causes Zellweger Spectrum Disorder. American Journal of Human Genetics, 2017, 101, 965-976.	6.2	41
66	A global effort to dissect the human genetic basis of resistance to SARS-CoV-2 infection. Nature Immunology, 2022, 23, 159-164.	14.5	41
67	The role of peroxisomal ABC transporters in the mouse adrenal gland: the loss of Abcd2 (ALDR), Not Abcd1 (ALD), causes oxidative damage. Laboratory Investigation, 2007, 87, 261-272.	3.7	39
68	Bezafibrate lowers very longâ€chain fatty acids in Xâ€linked adrenoleukodystrophy fibroblasts by inhibiting fatty acid elongation. Journal of Inherited Metabolic Disease, 2012, 35, 1137-1145.	3.6	39
69	Glutathione imbalance in patients with X-linked adrenoleukodystrophy. Molecular Genetics and Metabolism, 2013, 109, 366-370.	1.1	39
70	Oxidative stress regulates the ubiquitinâ€“proteasome system and immunoproteasome functioning in a mouse model of X-adrenoleukodystrophy. Brain, 2013, 136, 891-904.	7.6	39
71	Autophagy induction halts axonal degeneration in a mouse model of X-adrenoleukodystrophy. Acta Neuropathologica, 2015, 129, 399-415.	7.7	39
72	Harnessing Type I IFN Immunity Against SARS-CoV-2 with Early Administration of IFN-Î². Journal of Clinical Immunology, 2021, 41, 1425-1442.	3.8	39

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73	Improvement of the Rett Syndrome Phenotype in a Mecp2 Mouse Model Upon Treatment with Levodopa and a Dopa-Decarboxylase Inhibitor. Neuropsychopharmacology, 2014, 39, 2846-2856.	5.4	38
74	Altered glycolipid and glycerophospholipid signaling drive inflammatory cascades in adrenomyeloneuropathy. Human Molecular Genetics, 2015, 24, ddv375.	2.9	37
75	Loss of <scp>SIRT</scp>2 leads to axonal degeneration and locomotor disability associated with redox and energy imbalance. Aging Cell, 2017, 16, 1404-1413.	6.7	36
76	Inhibition of Gsk3b Reduces Nfkb1 Signaling and Rescues Synaptic Activity to Improve the Rett Syndrome Phenotype in Mecp2-Knockout Mice. Cell Reports, 2018, 23, 1665-1677.	6.4	36
77	Aberrant regulation of the <scp>GSK</scp> â€3Î²/ <scp>NRF</scp> 2 axis unveils a novel therapy for adrenoleukodystrophy. EMBO Molecular Medicine, 2018, 10, .	6.9	35
78	CSVS, a crowdsourcing database of the Spanish population genetic variability. Nucleic Acids Research, 2021, 49, D1130-D1137.	14.5	34
79	Staging anti-inflammatory therapy in Alzheimerâ€™s disease. Frontiers in Aging Neuroscience, 2010, 2, 142.	3.4	32
80	ABCD2 is abundant in adipose tissue and opposes the accumulation of dietary erucic acid (C22:1) in fat. Journal of Lipid Research, 2010, 51, 162-168.	4.2	31
81	Biomarker Identification, Safety, and Efficacy of High-Dose Antioxidants for Adrenomyeloneuropathy: a Phase II Pilot Study. Neurotherapeutics, 2019, 16, 1167-1182.	4.4	31
82	Genetic Variants in HSD17B3, SMAD3, and IPO11 Impact Circulating Lipids in Response to Fenofibrate in Individuals With Type 2 Diabetes. Clinical Pharmacology and Therapeutics, 2018, 103, 712-721.	4.7	30
83	Insulinâ€like growth factorâ€1 and neurotrophinâ€3 gene therapy prevents motor decline in an Xâ€linked adrenoleukodystrophy mouse model. Annals of Neurology, 2009, 66, 117-122.	5.3	28
84	Loss of function mutations in GEMIN5 cause a neurodevelopmental disorder. Nature Communications, 2021, 12, 2558.	12.8	28
85	The absence of ABCD2 sensitizes mice to disruptions in lipid metabolism by dietary erucic acid. Journal of Lipid Research, 2012, 53, 1071-1079.	4.2	27
86	Activation of sirtuin 1 as therapy for the peroxisomal disease adrenoleukodystrophy. Cell Death and Differentiation, 2015, 22, 1742-1753.	11.2	27
87	Targeted activation of <scp>CREB</scp> in reactive astrocytes is neuroprotective in focal acute cortical injury. Glia, 2016, 64, 853-874.	4.9	27
88	Uniparental disomy of chromosome 16 unmasks recessive mutations of FA2H /SPG35 in 4 families. Neurology, 2016, 87, 186-191.	1.1	27
89	Ceramide signalling in inherited and multifactorial brain metabolic diseases. Neurobiology of Disease, 2020, 143, 105014.	4.4	27
90	Complete loss of KCNA1 activity causes neonatal epileptic encephalopathy and dyskinesia. Journal of Medical Genetics, 2020, 57, 132-137.	3.2	26

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91	Bi-allelic variants in the mitochondrial RNase P subunit PRORP cause mitochondrial tRNA processing defects and pleiotropic multisystem presentations. American Journal of Human Genetics, 2021, 108, 2195-2204.	6.2	26
92	Characterization of the Adrenoleukodystrophy-Related (ALDR, ABCD2) Gene Promoter: Inductibility by Retinoic Acid and Forskolin. Genomics, 2000, 70, 131-139.	2.9	25
93	<scp>HNRNPH1</scp>â€related syndromic intellectual disability: Seven additional cases suggestive of a distinct syndromic neurodevelopmental syndrome. Clinical Genetics, 2020, 98, 91-98.	2.0	25
94	De novo loss of function mutations in <scp>KIAA2022</scp> are associated with epilepsy and neurodevelopmental delay in females. Clinical Genetics, 2017, 91, 756-763.	2.0	24
95	Impairment of the mitochondrial one-carbon metabolism enzyme SHMT2 causes a novel brain and heart developmental syndrome. Acta Neuropathologica, 2020, 140, 971-975.	7.7	24
96	POLR3A variants with striatal involvement and extrapyramidal movement disorder. Neurogenetics, 2020, 21, 121-133.	1.4	24
97	ATP and noradrenaline activate CREB in astrocytes via noncanonical Ca²⁺ and cyclic AMP independent pathways. Glia, 2012, 60, 1330-1344.	4.9	23
98	Case Report: Benign Infantile Seizures Temporally Associated With COVID-19. Frontiers in Pediatrics, 2020, 8, 507.	1.9	23
99	Epigenomic signature of adrenoleukodystrophy predicts compromised oligodendrocyte differentiation. Brain Pathology, 2018, 28, 902-919.	4.1	21
100	From Your Nose to Your Toes: A Review of Severe Acute Respiratory Syndrome Coronavirus 2 Pandemicâ€'Associated Pernio. Journal of Investigative Dermatology, 2021, 141, 2791-2796.	0.7	21
101	Respiratory viral infections in otherwise healthy humans with inherited IRF7 deficiency. Journal of Experimental Medicine, 2022, 219, .	8.5	21
102	The peroxisomal fatty acid transporter ABCD1/PMP-4 is required in the C. elegans hypodermis for axonal maintenance: A worm model for adrenoleukodystrophy. Free Radical Biology and Medicine, 2020, 152, 797-809.	2.9	19
103	Biallelic PI4KA variants cause a novel neurodevelopmental syndrome with hypomyelinating leukodystrophy. Brain, 2021, 144, 2659-2669.	7.6	19
104	JNK/ERK/FAK Mediate Promigratory Actions of Basic Fibroblast Growth Factor in Astrocytes via CCL2 and COX2. NeuroSignals, 2012, 20, 86-102.	0.9	17
105	A deep intronic splice variant advises reexamination of presumably dominant SPG7 Cases. Annals of Clinical and Translational Neurology, 2020, 7, 105-111.	3.7	17
106	PDR-1/hParkin negatively regulates the phagocytosis of apoptotic cell corpses in Caenorhabditis elegans. Cell Death and Disease, 2014, 5, e1120-e1120.	6.3	16
107	DLG4-related synaptopathy: a new rare brain disorder. Genetics in Medicine, 2021, 23, 888-899.	2.4	16
108	Histone Deacetylase Inhibitor Upregulates Peroxisomal Fatty Acid Oxidation and Inhibits Apoptotic Cell Death in Abcd1-Deficient Glial Cells. PLoS ONE, 2013, 8, e70712.	2.5	15

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109	Oxidative stress and mitochondrial dynamics malfunction are linked in <scp>P</scp>elizaeusâ€<scp>M</scp>erzbacher disease. Brain Pathology, 2018, 28, 611-630.	4.1	15
110	Truncating variants in UBAP1 associated with childhoodâ€onset nonsyndromic hereditary spastic paraplegia. Human Mutation, 2020, 41, 632-640.	2.5	15
111	Expanding the clinical and genetic spectrum of PCYT2-related disorders. Brain, 2020, 143, e76-e76.	7.6	14
112	Improved Diagnosis of Rare Disease Patients through Systematic Detection of Runs of Homozygosity. Journal of Molecular Diagnostics, 2020, 22, 1205-1215.	2.8	14
113	Lipid alterations in human frontal cortex in ALSâ€FTLDâ€TDP43 proteinopathy spectrum are partly related to peroxisome impairment. Neuropathology and Applied Neurobiology, 2021, 47, 544-563.	3.2	14
114	Novel Therapeutic Targets and Drug Candidates for Modifying Disease Progression in Adrenoleukodystrophy. Endocrine Development, 2016, 30, 147-160.	1.3	13
115	Diagnosis of Genetic White Matter Disorders by Singleton Whole-Exome and Genome Sequencing Using Interactome-Driven Prioritization. Neurology, 2022, , 10.1212/WNL.0000000000013278.	1.1	13
116	The Value of Mouse Models of Rare Diseases: A Spanish Experience. Frontiers in Genetics, 2020, 11, 583932.	2.3	12
117	Highâ€dose biotin restores redox balance, energy and lipid homeostasis, and axonal health in a model of adrenoleukodystrophy. Brain Pathology, 2020, 30, 945-963.	4.1	11
118	Epigenetic profiling linked to multisystem inflammatory syndrome in children (MIS-C): A multicenter, retrospective study. EClinicalMedicine, 2022, 50, 101515.	7.1	11
119	Sequencing analysis of a 40Â·2 kb fragment of yeast chromosome X reveals 19 open reading frames including URA2 (5â€² end), TRK1, PBS2, SPT10, GCD14, RPE1, PHO86, NCA3, ASF1, CCT7, GZF3, two tRNA genes, three remnant delta elements and a Ty4 transposon. Yeast, 1996, 12, 1471-1474.	1.7	9
120	A novel mutation in the GFAP gene expands the phenotype of Alexander disease. Journal of Medical Genetics, 2019, 56, 846-849.	3.2	9
121	A view on clinical genetics and genomics in Spain: of challenges and opportunities. Molecular Genetics & Genomic Medicine, 2016, 4, 376-391.	1.2	8
122	Phenotypic correlations in a large singleâ€center cohort of patients with BSCL2 nerve disorders: a clinical, neurophysiological and muscle magnetic resonance imaging study. European Journal of Neurology, 2020, 27, 1364-1373.	3.3	8
123	Inhibition of transcription-regulating properties of nonstructural protein 1 (NS1) of parvovirus minute virus of mice by a dominant-negative mutant form of NS1. Journal of General Virology, 2001, 82, 1929-1934.	2.9	8
124	The Genetic Landscape of Mitochondrial Diseases in Spain: A Nationwide Call. Genes, 2021, 12, 1590.	2.4	8
125	Invariant NKT cells in adrenoleukodystrophy patients and mice. Journal of Neuroimmunology, 2010, 229, 204-211.	2.3	7
126	Phylogenomic Evidence for a Myxococcal Contribution to the Mitochondrial Fatty Acid Beta-Oxidation. PLoS ONE, 2011, 6, e21989.	2.5	7

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127	ABCD2 Alters Peroxisome Proliferator-Activated ReceptorÎ±Signaling In Vitro, but Does Not Impair Responses to Fenofibrate Therapy in a Mouse Model of Diet-Induced Obesity. Molecular Pharmacology, 2014, 86, 505-513.	2.3	7
128	Modulation of mitochondrial and inflammatory homeostasis through RIP140 is neuroprotective in an adrenoleukodystrophy mouse model. Neuropathology and Applied Neurobiology, 2022, 48, .	3.2	6
129	SIRT2 in age-related neurodegenerative disorders. Aging, 2018, 10, 295-296.	3.1	6
130	Systematic Collaborative Reanalysis of Genomic Data Improves Diagnostic Yield in Neurologic Rare Diseases. Journal of Molecular Diagnostics, 2022, 24, 529-542.	2.8	6
131	Cyclophilin D as a potential target for antioxidants in neurodegeneration: the X-ALD case. Biological Chemistry, 2013, 394, 621-629.	2.5	5
132	Low Lymphocytes and IFN-Neutralizing Autoantibodies as Biomarkers of COVID-19 Mortality. Journal of Clinical Immunology, 2022, 42, 738-741.	3.8	5
133	Epigenetic activation of antiviral sensors and effectors of interferon response pathways during SARS-CoV-2 infection. Biomedicine and Pharmacotherapy, 2022, 153, 113396.	5.6	5
134	Sequence and Analysis of a 36Â·2â€‰kb Fragment from the Right Arm of Yeast Chromosome XV Reveals 19 Open Reading Frames IncludingSNF2 (5â€² end),CPA1,SLY41, a Putative Transport ATPase, a Putative Ribosomal Protein and anSNF2 Homologue. , 1997, 13, 479-482.		3
135	Foreword. Brain Pathology, 2010, 20, 815-816.	4.1	3
136	Evaluation of afferent pain pathways in adrenomyeloneuropathic patients. Clinical Neurophysiology, 2018, 129, 507-515.	1.5	3
137	A novel hypomorphic splice variant in EIF2B5 gene is associated with mild ovarioleukodystrophy. Annals of Clinical and Translational Neurology, 2020, 7, 1574-1579.	3.7	3
138	Activating cannabinoid receptor 2 preserves axonal health through GSK-3Î²/NRF2 axis in adrenoleukodystrophy. Acta Neuropathologica, 2022, 144, 241-258.	7.7	2
139	The ABCD Subfamily: Peroxisomal Transporters in Health and Disease. , 2011, , 347-373.		0
140	Reply to: â€œMitochondrial Parkinsonism due to SPG7/Paraplegin variants with secondary mtDNA depletionâ€• Movement Disorders, 2019, 34, 1932-1933.	3.9	0
141	Anti-oxidant MitoQ rescue of AWB chemosensory neuron impairment in a model of X-linked Adrenoleukodystrophy. MicroPublication Biology, 2021, 2021, .	0.1	0