

Patrick Chinnery

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5777212/patrick-chinnery-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

290
papers

23,481
citations

78
h-index

147
g-index

303
ext. papers

27,502
ext. citations

11
avg, IF

6.94
L-index

#	Paper	IF	Citations
290	Reanalysis and revision of the Cambridge reference sequence for human mitochondrial DNA. <i>Nature Genetics</i> , 1999 , 23, 147	36.3	2349
289	Mitochondrial diseases. <i>Nature Reviews Disease Primers</i> , 2016 , 2, 16080	51.1	585
288	The Human Phenotype Ontology in 2017. <i>Nucleic Acids Research</i> , 2017 , 45, D865-D876	20.1	507
287	Prevalence of nuclear and mitochondrial DNA mutations related to adult mitochondrial disease. <i>Annals of Neurology</i> , 2015 , 77, 753-9	9.4	483
286	Prevalence of mitochondrial DNA disease in adults. <i>Annals of Neurology</i> , 2008 , 63, 35-9	9.4	474
285	Pathogenic mitochondrial DNA mutations are common in the general population. <i>American Journal of Human Genetics</i> , 2008 , 83, 254-60	11	431
284	The dynamics of mitochondrial DNA heteroplasmy: implications for human health and disease. <i>Nature Reviews Genetics</i> , 2015 , 16, 530-42	30.1	430
283	Disturbed mitochondrial dynamics and neurodegenerative disorders. <i>Nature Reviews Neurology</i> , 2015 , 11, 11-24	15	425
282	A Unique Gene Regulatory Network Resets the Human Germline Epigenome for Development. <i>Cell</i> , 2015 , 161, 1453-67	56.2	417
281	Mitochondrial optic neuropathies - disease mechanisms and therapeutic strategies. <i>Progress in Retinal and Eye Research</i> , 2011 , 30, 81-114	20.5	392
280	Mitochondrial DNA mutations in human colonic crypt stem cells. <i>Journal of Clinical Investigation</i> , 2003 , 112, 1351-60	15.9	389
279	A reduction of mitochondrial DNA molecules during embryogenesis explains the rapid segregation of genotypes. <i>Nature Genetics</i> , 2008 , 40, 249-54	36.3	362
278	Mammalian mitochondrial genetics: heredity, heteroplasmy and disease. <i>Trends in Genetics</i> , 1997 , 13, 450-5	8.5	356
277	The epidemiology of pathogenic mitochondrial DNA mutations. <i>Annals of Neurology</i> , 2000 , 48, 188-193	9.4	352
276	Pronuclear transfer in human embryos to prevent transmission of mitochondrial DNA disease. <i>Nature</i> , 2010 , 465, 82-5	50.4	341
275	A randomized placebo-controlled trial of idebenone in Leber's hereditary optic neuropathy. <i>Brain</i> , 2011 , 134, 2677-86	11.2	334
274	Mutation of OPA1 causes dominant optic atrophy with external ophthalmoplegia, ataxia, deafness and multiple mitochondrial DNA deletions: a novel disorder of mtDNA maintenance. <i>Brain</i> , 2008 , 131, 329-37	11.2	331

273	The epidemiology of Leber hereditary optic neuropathy in the North East of England. <i>American Journal of Human Genetics</i> , 2003 , 72, 333-9	11	329
272	Multi-system neurological disease is common in patients with OPA1 mutations. <i>Brain</i> , 2010 , 133, 771-86	11.2	314
271	Leber hereditary optic neuropathy. <i>Journal of Medical Genetics</i> , 2002 , 39, 162-9	5.8	290
270	Characterizing mild cognitive impairment in incident Parkinson disease: the ICICLE-PD study. <i>Neurology</i> , 2014 , 82, 308-16	6.5	288
269	Clinical expression of Leber hereditary optic neuropathy is affected by the mitochondrial DNA-haplogroup background. <i>American Journal of Human Genetics</i> , 2007 , 81, 228-33	11	280
268	Universal heteroplasmy of human mitochondrial DNA. <i>Human Molecular Genetics</i> , 2013 , 22, 384-90	5.6	278
267	The epidemiology of mitochondrial disorders--past, present and future. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2004 , 1659, 115-20	4.6	276
266	Molecular pathology of MELAS and MERRF. The relationship between mutation load and clinical phenotypes. <i>Brain</i> , 1997 , 120 (Pt 10), 1713-21	11.2	251
265	Random intracellular drift explains the clonal expansion of mitochondrial DNA mutations with age. <i>American Journal of Human Genetics</i> , 2001 , 68, 802-6	11	251
264	Use of whole-exome sequencing to determine the genetic basis of multiple mitochondrial respiratory chain complex deficiencies. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 312, 68-77	27.4	244
263	Origins and functional consequences of somatic mitochondrial DNA mutations in human cancer. <i>ELife</i> , 2014 , 3,	8.9	229
262	Selective inhibition of mutant human mitochondrial DNA replication in vitro by peptide nucleic acids. <i>Nature Genetics</i> , 1997 , 15, 212-5	36.3	223
261	Mitochondrial genetics. <i>British Medical Bulletin</i> , 2013 , 106, 135-59	5.4	219
260	Mitochondrial dysfunction in aging: Much progress but many unresolved questions. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015 , 1847, 1347-53	4.6	202
259	The inheritance of mitochondrial DNA heteroplasmy: random drift, selection or both?. <i>Trends in Genetics</i> , 2000 , 16, 500-5	8.5	198
258	Efficient mitochondrial biogenesis drives incomplete penetrance in Leber's hereditary optic neuropathy. <i>Brain</i> , 2014 , 137, 335-53	11.2	186
257	The pedigree rate of sequence divergence in the human mitochondrial genome: there is a difference between phylogenetic and pedigree rates. <i>American Journal of Human Genetics</i> , 2003 , 72, 659-70	11	185
256	Accumulation of mitochondrial DNA mutations in ageing, cancer, and mitochondrial disease: is there a common mechanism?. <i>Lancet, The</i> , 2002 , 360, 1323-5	40	181

255	Treatment for mitochondrial disorders. <i>The Cochrane Library</i> , 2012 , CD004426	5.2	175
254	Risk of developing a mitochondrial DNA deletion disorder. <i>Lancet, The</i> , 2004 , 364, 592-6	4.0	161
253	Mitochondrial aging is accelerated by anti-retroviral therapy through the clonal expansion of mtDNA mutations. <i>Nature Genetics</i> , 2011 , 43, 806-10	36.3	160
252	Peptide nucleic acid delivery to human mitochondria. <i>Gene Therapy</i> , 1999 , 6, 1919-28	4	156
251	The mitochondrial ND6 gene is a hot spot for mutations that cause Leber's hereditary optic neuropathy. <i>Brain</i> , 2001 , 124, 209-18	11.2	153
250	Relaxed replication of mtDNA: A model with implications for the expression of disease. <i>American Journal of Human Genetics</i> , 1999 , 64, 1158-65	11	147
249	Whole-genome sequencing of patients with rare diseases in a national health system. <i>Nature</i> , 2020 , 583, 96-102	50.4	139
248	Mitochondrial DNA and survival after sepsis: a prospective study. <i>Lancet, The</i> , 2005 , 366, 2118-21	4.0	139
247	New treatments for mitochondrial disease-no time to drop our standards. <i>Nature Reviews Neurology</i> , 2013 , 9, 474-81	15	133
246	The prevalence and natural history of dominant optic atrophy due to OPA1 mutations. <i>Ophthalmology</i> , 2010 , 117, 1538-46, 1546.e1	7.3	131
245	Mutations in the SPG7 gene cause chronic progressive external ophthalmoplegia through disordered mitochondrial DNA maintenance. <i>Brain</i> , 2014 , 137, 1323-36	11.2	124
244	Epigenetics, epidemiology and mitochondrial DNA diseases. <i>International Journal of Epidemiology</i> , 2012 , 41, 177-87	7.8	124
243	Can mitochondrial DNA mutations cause sperm dysfunction?. <i>Molecular Human Reproduction</i> , 2002 , 8, 719-21	4.4	121
242	Random genetic drift determines the level of mutant mtDNA in human primary oocytes. <i>American Journal of Human Genetics</i> , 2001 , 68, 533-6	11	121
241	Mitochondria. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2003 , 74, 1188-99	5.5	120
240	Patient care standards for primary mitochondrial disease: a consensus statement from the Mitochondrial Medicine Society. <i>Genetics in Medicine</i> , 2017 , 19,	8.1	113
239	Segregation of mitochondrial DNA heteroplasmy through a developmental genetic bottleneck in human embryos. <i>Nature Cell Biology</i> , 2018 , 20, 144-151	23.4	110
238	Leber hereditary optic neuropathy: Does heteroplasmy influence the inheritance and expression of the G11778A mitochondrial DNA mutation?. <i>American Journal of Medical Genetics Part A</i> , 2001 , 98, 235-43		110

237	Genetic impact on cognition and brain function in newly diagnosed Parkinson disease: ICICLE-PD study. <i>Brain</i> , 2014 , 137, 2743-58	11.2	109
236	The spectrum of hearing loss due to mitochondrial DNA defects. <i>Brain</i> , 2000 , 123 (Pt 1), 82-92	11.2	108
235	Allogeneic haematopoietic stem cell transplantation for mitochondrial neurogastrointestinal encephalomyopathy. <i>Brain</i> , 2015 , 138, 2847-58	11.2	107
234	Mitochondrial disease in adults: a scale to monitor progression and treatment. <i>Neurology</i> , 2006 , 66, 1932-4	6.5	106
233	Germline selection shapes human mitochondrial DNA diversity. <i>Science</i> , 2019 , 364,	33.3	105
232	Recent mitochondrial DNA mutations increase the risk of developing common late-onset human diseases. <i>PLoS Genetics</i> , 2014 , 10, e1004369	6	102
231	Variation in germline mtDNA heteroplasmy is determined prenatally but modified during subsequent transmission. <i>Nature Genetics</i> , 2012 , 44, 1282-5	36.3	102
230	Analysis of European mtDNAs for recombination. <i>American Journal of Human Genetics</i> , 2001 , 68, 145-153	11.1	102
229	Treatment strategies for inherited optic neuropathies: past, present and future. <i>Eye</i> , 2014 , 28, 521-37	4.4	98
228	Titin mutation segregates with hereditary myopathy with early respiratory failure. <i>Brain</i> , 2012 , 135, 1695-713	7.13	98
227	Exome sequencing in undiagnosed inherited and sporadic ataxias. <i>Brain</i> , 2015 , 138, 276-83	11.2	97
226	Riboflavin-Responsive and -Non-responsive Mutations in FAD Synthase Cause Multiple Acyl-CoA Dehydrogenase and Combined Respiratory-Chain Deficiency. <i>American Journal of Human Genetics</i> , 2016 , 98, 1130-1145	11	97
225	Mitochondrial DNA and disease. <i>Lancet, The</i> , 1999 , 354 Suppl 1, S117-21	40	97
224	Molecular basis of infantile reversible cytochrome c oxidase deficiency myopathy. <i>Brain</i> , 2009 , 132, 3165-74	11.4	96
223	Mutations in GTPBP3 cause a mitochondrial translation defect associated with hypertrophic cardiomyopathy, lactic acidosis, and encephalopathy. <i>American Journal of Human Genetics</i> , 2014 , 95, 708-20	11	95
222	Two-stage association study and meta-analysis of mitochondrial DNA variants in Parkinson disease. <i>Neurology</i> , 2013 , 80, 2042-8	6.5	94
221	The epidemiology of pathogenic mitochondrial DNA mutations. <i>Annals of Neurology</i> , 2000 , 48, 188-93	9.4	91
220	Mitochondrial DNA haplogroups and susceptibility to AD and dementia with Lewy bodies. <i>Neurology</i> , 2000 , 55, 302-4	6.5	90

219	Defective i6A37 modification of mitochondrial and cytosolic tRNAs results from pathogenic mutations in TRIT1 and its substrate tRNA. <i>PLoS Genetics</i> , 2014 , 10, e1004424	6	89
218	Mitochondrial disease in adults: what's old and what's new?. <i>EMBO Molecular Medicine</i> , 2015 , 7, 1503-12	12	88
217	Mitochondrial DNA mutations in neurodegeneration. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015 , 1847, 1401-11	4.6	84
216	Nonrandom tissue distribution of mutant mtDNA. <i>American Journal of Medical Genetics Part A</i> , 1999 , 85, 498-501		84
215	OPA1 mutations cause cytochrome c oxidase deficiency due to loss of wild-type mtDNA molecules. <i>Human Molecular Genetics</i> , 2010 , 19, 3043-52	5.6	83
214	Point mutations of the mtDNA control region in normal and neurodegenerative human brains. <i>American Journal of Human Genetics</i> , 2001 , 68, 529-32	11	82
213	EXOSC8 mutations alter mRNA metabolism and cause hypomyelination with spinal muscular atrophy and cerebellar hypoplasia. <i>Nature Communications</i> , 2014 , 5, 4287	17.4	80
212	The power to detect disease associations with mitochondrial DNA haplogroups. <i>American Journal of Human Genetics</i> , 2006 , 78, 713-20	11	78
211	Synaptotagmin 2 mutations cause an autosomal-dominant form of lambert-eaton myasthenic syndrome and nonprogressive motor neuropathy. <i>American Journal of Human Genetics</i> , 2014 , 95, 332-9	11	77
210	Selection against pathogenic mtDNA mutations in a stem cell population leads to the loss of the 3243A-->G mutation in blood. <i>American Journal of Human Genetics</i> , 2008 , 82, 333-43	11	76
209	HIV treatment and associated mitochondrial pathology: review of 25 years of in vitro, animal, and human studies. <i>Toxicologic Pathology</i> , 2014 , 42, 811-22	2.1	75
208	Mitochondrial DNA haplogroups and risk of transient ischaemic attack and ischaemic stroke: a genetic association study. <i>Lancet Neurology</i> , 2010 , 9, 498-503	24.1	74
207	Clinical features of MS associated with Leber hereditary optic neuropathy mtDNA mutations. <i>Neurology</i> , 2013 , 81, 2073-81	6.5	73
206	SPG7 mutations are a common cause of undiagnosed ataxia. <i>Neurology</i> , 2015 , 84, 1174-6	6.5	72
205	Quality of life in patients with leber hereditary optic neuropathy 2009 , 50, 3112-5		71
204	Genotypes from patients indicate no paternal mitochondrial DNA contribution. <i>Annals of Neurology</i> , 2003 , 54, 521-4	9.4	69
203	Amyloid- β accumulation in the CNS in human growth hormone recipients in the UK. <i>Acta Neuropathologica</i> , 2017 , 134, 221-240	14.3	67
202	Reduced cerebrospinal fluid mitochondrial DNA is a biomarker for early-stage Parkinson's disease. <i>Annals of Neurology</i> , 2015 , 78, 1000-4	9.4	67

201	PGD and heteroplasmic mitochondrial DNA point mutations: a systematic review estimating the chance of healthy offspring. <i>Human Reproduction Update</i> , 2012 , 18, 341-9	15.8	64
200	Nuclear factors involved in mitochondrial translation cause a subgroup of combined respiratory chain deficiency. <i>Brain</i> , 2011 , 134, 183-95	11.2	64
199	Homozygous deletion in MICU1 presenting with fatigue and lethargy in childhood. <i>Neurology: Genetics</i> , 2016 , 2, e59	3.8	64
198	TRMT5 Mutations Cause a Defect in Post-transcriptional Modification of Mitochondrial tRNA Associated with Multiple Respiratory-Chain Deficiencies. <i>American Journal of Human Genetics</i> , 2015 , 97, 319-28	11	62
197	Molecular pathogenesis of polymerase β -related neurodegeneration. <i>Annals of Neurology</i> , 2014 , 76, 66-81	11.4	61
196	Adults with RRM2B-related mitochondrial disease have distinct clinical and molecular characteristics. <i>Brain</i> , 2012 , 135, 3392-403	11.2	59
195	Hypomorphic mutations in POLR3A are a frequent cause of sporadic and recessive spastic ataxia. <i>Brain</i> , 2017 , 140, 1561-1578	11.2	58
194	Recessive Mutations in TRMT10C Cause Defects in Mitochondrial RNA Processing and Multiple Respiratory Chain Deficiencies. <i>American Journal of Human Genetics</i> , 2016 , 98, 993-1000	11	58
193	Titin founder mutation is a common cause of myofibrillar myopathy with early respiratory failure. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014 , 85, 331-8	5.5	58
192	The distribution of mitochondrial DNA heteroplasmy due to random genetic drift. <i>American Journal of Human Genetics</i> , 2008 , 83, 582-93	11	58
191	Retrospective natural history of thymidine kinase 2 deficiency. <i>Journal of Medical Genetics</i> , 2018 , 55, 515-521	5.8	56
190	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. <i>Molecular Genetics and Metabolism</i> , 2015 , 114, 288-291	3.7	56
189	155th ENMC workshop: polymerase gamma and disorders of mitochondrial DNA synthesis, 21-23 September 2007, Naarden, The Netherlands. <i>Neuromuscular Disorders</i> , 2008 , 18, 259-67	2.9	56
188	Mitochondrial DNA point mutations and relative copy number in 1363 disease and control human brains. <i>Acta Neuropathologica Communications</i> , 2017 , 5, 13	7.3	55
187	Genetic heterogeneity of motor neuropathies. <i>Neurology</i> , 2017 , 88, 1226-1234	6.5	54
186	Neuroferritinopathy in a French family with late onset dominant dystonia. <i>Journal of Medical Genetics</i> , 2003 , 40, e69	5.8	54
185	TIA1 variant drives myodegeneration in multisystem proteinopathy with SQSTM1 mutations. <i>Journal of Clinical Investigation</i> , 2018 , 128, 1164-1177	15.9	53
184	Fall in circulating mononuclear cell mitochondrial DNA content in human sepsis. <i>Intensive Care Medicine</i> , 2010 , 36, 956-62	14.5	51

183	Depletion of mitochondrial DNA in leucocytes harbouring the 3243A->G mtDNA mutation. <i>Journal of Medical Genetics</i> , 2007 , 44, 69-74	5.8	51
182	Extreme-Depth Re-sequencing of Mitochondrial DNA Finds No Evidence of Paternal Transmission in Humans. <i>PLoS Genetics</i> , 2015 , 11, e1005040	6	50
181	The mitochondrial DNA genetic bottleneck: inheritance and beyond. <i>Essays in Biochemistry</i> , 2018 , 62, 225-234	7.6	50
180	The challenges of mitochondrial replacement. <i>PLoS Genetics</i> , 2014 , 10, e1004315	6	49
179	Mitochondrial medicine. <i>QJM - Monthly Journal of the Association of Physicians</i> , 1997 , 90, 657-67	2.7	49
178	Treatment of mitochondrial disease. <i>Journal of Bioenergetics and Biomembranes</i> , 1997 , 29, 195-205	3.7	47
177	Dominant optic atrophy: novel OPA1 mutations and revised prevalence estimates. <i>Ophthalmology</i> , 2013 , 120, 1712-1712.e1	7.3	46
176	Accurate mitochondrial DNA sequencing using off-target reads provides a single test to identify pathogenic point mutations. <i>Genetics in Medicine</i> , 2014 , 16, 962-71	8.1	46
175	Clinical, Genetic, and Radiological Features of Extrapyrarnidal Movement Disorders in Mitochondrial Disease. <i>JAMA Neurology</i> , 2016 , 73, 668-74	17.2	46
174	A novel mitochondrial tRNA isoleucine gene mutation causing chronic progressive external ophthalmoplegia. <i>Neurology</i> , 1997 , 49, 1166-8	6.5	45
173	Mitochondrial DNA haplogroups and type 2 diabetes: a study of 897 cases and 1010 controls. <i>Journal of Medical Genetics</i> , 2007 , 44, e80	5.8	45
172	Biallelic C1QBP Mutations Cause Severe Neonatal-, Childhood-, or Later-Onset Cardiomyopathy Associated with Combined Respiratory-Chain Deficiencies. <i>American Journal of Human Genetics</i> , 2017 , 101, 525-538	11	44
171	Mitochondrial DNA sequence characteristics modulate the size of the genetic bottleneck. <i>Human Molecular Genetics</i> , 2016 , 25, 1031-41	5.6	44
170	Altered 2-thiouridylation impairs mitochondrial translation in reversible infantile respiratory chain deficiency. <i>Human Molecular Genetics</i> , 2013 , 22, 4602-15	5.6	44
169	A novel mitochondrial tRNA phenylalanine mutation presenting with acute rhabdomyolysis. <i>Annals of Neurology</i> , 1997 , 41, 408-10	9.4	44
168	Extreme heterogeneity of human mitochondrial DNA from organelles to populations. <i>Nature Reviews Genetics</i> , 2021 , 22, 106-118	30.1	44
167	Somatic mtDNA variation is an important component of Parkinson disease. <i>Neurobiology of Aging</i> , 2016 , 38, 217.e1-217.e6	5.6	43
166	Population screening for variant Creutzfeldt-Jakob disease using a novel blood test: diagnostic accuracy and feasibility study. <i>JAMA Neurology</i> , 2014 , 71, 421-8	17.2	43

165	Normokalemic periodic paralysis revisited: does it exist?. <i>Annals of Neurology</i> , 2002 , 52, 251-2	9.4	43
164	Recessive Mutations in RTN4IP1 Cause Isolated and Syndromic Optic Neuropathies. <i>American Journal of Human Genetics</i> , 2015 , 97, 754-60	11	42
163	Emerging therapies for mitochondrial disorders. <i>Brain</i> , 2016 , 139, 1633-48	11.2	42
162	Clinical, pathological and functional characterization of riboflavin-responsive neuropathy. <i>Brain</i> , 2017 , 140, 2820-2837	11.2	40
161	A novel mechanism causing imbalance of mitochondrial fusion and fission in human myopathies. <i>Human Molecular Genetics</i> , 2018 , 27, 1186-1195	5.6	40
160	Clinical mitochondrial genetics. <i>Journal of Medical Genetics</i> , 1999 , 36, 425-36	5.8	40
159	Assessing mitochondrial heteroplasmy using next generation sequencing: A note of caution. <i>Mitochondrion</i> , 2019 , 46, 302-306	4.9	39
158	In vitro supplementation with dAMP/dGMP leads to partial restoration of mtDNA levels in mitochondrial depletion syndromes. <i>Human Molecular Genetics</i> , 2009 , 18, 1590-9	5.6	39
157	Monitoring clinical progression with mitochondrial disease biomarkers. <i>Brain</i> , 2017 , 140, 2530-2540	11.2	38
156	Mitochondrial DNA Heteroplasmy and Purifying Selection in the Mammalian Female Germ Line. <i>Development Growth and Differentiation</i> , 2018 , 60, 21-32	3	37
155	Genetic compendium of 1511 human brains available through the UK Medical Research Council Brain Banks Network Resource. <i>Genome Research</i> , 2017 , 27, 165-173	9.7	36
154	Mutations in mitochondrial DNA causing tubulointerstitial kidney disease. <i>PLoS Genetics</i> , 2017 , 13, e1006620	6.6	35
153	Subtle neurological and metabolic abnormalities in an Opa1 mouse model of autosomal dominant optic atrophy. <i>Experimental Neurology</i> , 2009 , 220, 404-9	5.7	35
152	Childhood-onset Leber hereditary optic neuropathy. <i>British Journal of Ophthalmology</i> , 2017 , 101, 1505-1509	5.9	34
151	100,000 Genomes Pilot on Rare-Disease Diagnosis in Health Care - Preliminary Report. <i>New England Journal of Medicine</i> , 2021 , 385, 1868-1880	59.2	34
150	MSeqDR: A Centralized Knowledge Repository and Bioinformatics Web Resource to Facilitate Genomic Investigations in Mitochondrial Disease. <i>Human Mutation</i> , 2016 , 37, 540-548	4.7	34
149	MT-ND5 Mutation Exhibits Highly Variable Neurological Manifestations at Low Mutant Load. <i>EBioMedicine</i> , 2018 , 30, 86-93	8.8	33
148	Valproic acid triggers increased mitochondrial biogenesis in POLG-deficient fibroblasts. <i>Molecular Genetics and Metabolism</i> , 2014 , 112, 57-63	3.7	33

147	Multisystem fatal infantile disease caused by a novel homozygous EARS2 mutation. <i>Brain</i> , 2013 , 136, e228	11.2	33
146	Clonal expansion of secondary mitochondrial DNA deletions associated with spinocerebellar ataxia type 28. <i>JAMA Neurology</i> , 2015 , 72, 106-11	17.2	33
145	Age-related mitochondrial DNA depletion and the impact on pancreatic Beta cell function. <i>PLoS ONE</i> , 2014 , 9, e115433	3.7	33
144	High prevalence of focal and multi-focal somatic genetic variants in the human brain. <i>Nature Communications</i> , 2018 , 9, 4257	17.4	33
143	Clinical pattern, mutations and in vitro residual activity in 33 patients with severe 5, 10 methylenetetrahydrofolate reductase (MTHFR) deficiency. <i>Journal of Inherited Metabolic Disease</i> , 2016 , 39, 115-24	5.4	32
142	Nuclear-mitochondrial DNA segments resemble paternally inherited mitochondrial DNA in humans. <i>Nature Communications</i> , 2020 , 11, 1740	17.4	32
141	Somatic variants in autosomal dominant genes are a rare cause of sporadic Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2018 , 14, 1632-1639	1.2	32
140	Infantile hereditary spastic paraparesis due to codominant mutations in the spastin gene. <i>Neurology</i> , 2004 , 63, 710-2	6.5	32
139	Evaluation of bupivacaine-induced muscle regeneration in the treatment of ptosis in patients with chronic progressive external ophthalmoplegia and Kearns-Sayre syndrome. <i>Eye</i> , 1999 , 13 (Pt 6), 769-72	4.4	32
138	Mitochondrial pathology in progressive cerebellar ataxia. <i>Cerebellum and Ataxias</i> , 2015 , 2, 16	1.7	31
137	Adult-onset spinocerebellar ataxia syndromes due to MTATP6 mutations. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012 , 83, 883-6	5.5	31
136	mtDNA Population Variants and Neurodegenerative Diseases. <i>Frontiers in Neuroscience</i> , 2018 , 12, 682	5.1	31
135	Exome sequencing in dementia with Lewy bodies. <i>Translational Psychiatry</i> , 2016 , 6, e728	8.6	30
134	Mitochondrial Diseases: A Diagnostic Revolution. <i>Trends in Genetics</i> , 2020 , 36, 702-717	8.5	30
133	SCP2 mutations and neurodegeneration with brain iron accumulation. <i>Neurology</i> , 2015 , 85, 1909-11	6.5	29
132	Previous estimates of mitochondrial DNA mutation level variance did not account for sampling error: comparing the mtDNA genetic bottleneck in mice and humans. <i>American Journal of Human Genetics</i> , 2010 , 86, 540-50	11	29
131	116th ENMC international workshop: the treatment of mitochondrial disorders, 14th-16th March 2003, Naarden, The Netherlands. <i>Neuromuscular Disorders</i> , 2003 , 13, 757-64	2.9	29
130	Mitochondria in neuroinflammation - Multiple sclerosis (MS), leber hereditary optic neuropathy (LHON) and LHON-MS. <i>Neuroscience Letters</i> , 2019 , 710, 132932	3.3	29

129	The Contribution of the Cerebellum to Cognition in Spinocerebellar Ataxia Type 6. <i>Behavioural Neurology</i> , 2010 , 23, 3-15	3	28
128	Diagnosis of Possible Mitochondrial disease: an existential crisis. <i>Journal of Medical Genetics</i> , 2019 , 56, 123-130	5.8	27
127	The mitochondrial protein CHCHD2 primes the differentiation potential of human induced pluripotent stem cells to neuroectodermal lineages. <i>Journal of Cell Biology</i> , 2016 , 215, 187-202	7.3	27
126	POLG mutations cause decreased mitochondrial DNA repopulation rates following induced depletion in human fibroblasts. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011 , 1812, 321-5	6.9	27
125	First-line genomic diagnosis of mitochondrial disorders. <i>Nature Reviews Genetics</i> , 2018 , 19, 399-400	30.1	27
124	Nonrandom tissue distribution of mutant mtDNA. <i>American Journal of Medical Genetics Part A</i> , 1999 , 85, 498-501		27
123	Cardiomyopathy is common in patients with the mitochondrial DNA m.3243A>G mutation and correlates with mutation load. <i>Neuromuscular Disorders</i> , 2012 , 22, 592-6	2.9	26
122	Mitochondrial heteroplasmy beyond the oocyte bottleneck. <i>Seminars in Cell and Developmental Biology</i> , 2020 , 97, 156-166	7.5	26
121	Mitochondria and Hypoxia: Metabolic Crosstalk in Cell-Fate Decisions. <i>Trends in Endocrinology and Metabolism</i> , 2018 , 29, 249-259	8.8	25
120	Hereditary mtDNA heteroplasmy: a baseline for aging?. <i>Cell Metabolism</i> , 2013 , 18, 463-4	24.6	25
119	No evidence of an association between mitochondrial DNA variants and osteoarthritis in 7393 cases and 5122 controls. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, 136-9	2.4	25
118	Background sequence characteristics influence the occurrence and severity of disease-causing mtDNA mutations. <i>PLoS Genetics</i> , 2017 , 13, e1007126	6	24
117	Metabolic effects of bezafibrate in mitochondrial disease. <i>EMBO Molecular Medicine</i> , 2020 , 12, e11589	12	23
116	Two recurrent mutations are associated with GNE myopathy in the North of Britain. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014 , 85, 1359-65	5.5	23
115	Mitochondrial DNA analysis: polymorphisms and pathogenicity. <i>Journal of Medical Genetics</i> , 1999 , 36, 505-10	5.8	23
114	Exposure of Monocytic Cells to Lipopolysaccharide Induces Coordinated Endotoxin Tolerance, Mitochondrial Biogenesis, Mitophagy, and Antioxidant Defenses. <i>Frontiers in Immunology</i> , 2018 , 9, 2217	8.4	23
113	Phenotypic variability of TRPV4 related neuropathies. <i>Neuromuscular Disorders</i> , 2015 , 25, 516-21	2.9	22
112	Clinical and functional characterisation of the combined respiratory chain defect in two sisters due to autosomal recessive mutations in MTFMT. <i>Mitochondrion</i> , 2013 , 13, 743-8	4.9	22

111	No correlation between muscle A3243G mutation load and mitochondrial function in vivo. <i>Neurology</i> , 2001 , 56, 1101-4	6.5	22
110	Lethal Neonatal LTBL Associated with Biallelic EARS2 Variants: Case Report and Review of the Reported Neuroradiological Features. <i>JIMD Reports</i> , 2017 , 33, 61-68	1.9	21
109	A multiple sclerosis-like disorder in patients with OPA1 mutations. <i>Annals of Clinical and Translational Neurology</i> , 2016 , 3, 723-9	5.3	21
108	Abnormal cardiac energetics in patients carrying the A3243G mtDNA mutation measured in vivo using phosphorus MR spectroscopy. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2004 , 1657, 146-50	4.6	21
107	Mutation-specific effects in germline transmission of pathogenic mtDNA variants. <i>Human Reproduction</i> , 2018 , 33, 1331-1341	5.7	21
106	Concentric hypertrophic remodelling and subendocardial dysfunction in mitochondrial DNA point mutation carriers. <i>European Heart Journal Cardiovascular Imaging</i> , 2013 , 14, 650-8	4.1	20
105	Mitochondrial enteropathy: the primary pathology may not be within the gastrointestinal tract. <i>Gut</i> , 2001 , 48, 121-4	19.2	20
104	A multi-center comparison of diagnostic methods for the biochemical evaluation of suspected mitochondrial disorders. <i>Mitochondrion</i> , 2013 , 13, 36-43	4.9	19
103	The pattern of retinal ganglion cell dysfunction in Leber hereditary optic neuropathy. <i>Mitochondrion</i> , 2017 , 36, 138-149	4.9	19
102	Respiratory chain deficiency in nonmitochondrial disease. <i>Neurology: Genetics</i> , 2015 , 1, e6	3.8	19
101	Prevalence of neurogenetic disorders in the North of England. <i>Neurology</i> , 2015 , 85, 1195-201	6.5	18
100	Mitochondrial oxodicarboxylate carrier deficiency is associated with mitochondrial DNA depletion and spinal muscular atrophy-like disease. <i>Genetics in Medicine</i> , 2018 , 20, 1224-1235	8.1	18
99	BehrQ Syndrome is Typically Associated with Disturbed Mitochondrial Translation and Mutations in the Gene. <i>Journal of Neuromuscular Diseases</i> , 2014 , 1, 55-63	5	18
98	Frequency of rare recessive mutations in unexplained late onset cerebellar ataxia. <i>Journal of Neurology</i> , 2015 , 262, 1822-7	5.5	18
97	Late-onset axial jerky dystonia due to the DYT1 deletion. <i>Movement Disorders</i> , 2002 , 17, 196-8	7	18
96	Novel mutation causes both motor neuronopathy and distal myopathy. <i>Neurology: Genetics</i> , 2016 , 2, e110	3.8	18
95	Inheritance of mitochondrial DNA in humans: implications for rare and common diseases. <i>Journal of Internal Medicine</i> , 2020 , 287, 634-644	10.8	16
94	Associating mitochondrial DNA variation with complex traits. <i>American Journal of Human Genetics</i> , 2007 , 80, 378-82; author reply 382-3	11	16

93	Clinical progression of mitochondrial myopathy is associated with the random accumulation of cytochrome c oxidase negative skeletal muscle fibres. <i>Journal of the Neurological Sciences</i> , 2003 , 211, 63-6	3.2	16
92	Very low levels of the mtDNA A3243G mutation associated with mitochondrial dysfunction in vivo. <i>Annals of Neurology</i> , 2000 , 47, 381-4	9.4	16
91	A genome-wide association study of mitochondrial DNA copy number in two population-based cohorts. <i>Human Genomics</i> , 2019 , 13, 6	6.8	15
90	Heterozygous SSBP1 start loss mutation co-segregates with hearing loss and the m.1555A>G mtDNA variant in a large multigenerational family. <i>Brain</i> , 2018 , 141, 55-62	11.2	15
89	Adult Onset Leigh Syndrome in the Intensive Care Setting: A Novel Presentation of a C12orf65 Related Mitochondrial Disease. <i>Journal of Neuromuscular Diseases</i> , 2015 , 2, 409-419	5	15
88	Adult-onset Mendelian PEO Associated with Mitochondrial Disease. <i>Journal of Neuromuscular Diseases</i> , 2014 , 1, 119-133	5	15
87	Non-random mtDNA segregation patterns indicate a metastable heteroplasmic segregation unit in m.3243A>G cybrid cells. <i>PLoS ONE</i> , 2012 , 7, e52080	3.7	15
86	Metabolic shift underlies recovery in reversible infantile respiratory chain deficiency. <i>EMBO Journal</i> , 2020 , 39, e105364	13	15
85	Lamination of the Outer Plexiform Layer in Optic Atrophy Caused by Dominant WFS1 Mutations. <i>Ophthalmology</i> , 2016 , 123, 1624-6	7.3	15
84	Herpes simplex encephalitis is linked with selective mitochondrial damage; a post-mortem and in vitro study. <i>Acta Neuropathologica</i> , 2016 , 132, 433-51	14.3	15
83	Molecular genetic investigations identify new clinical phenotypes associated with BCS1L-related mitochondrial disease. <i>Human Molecular Genetics</i> , 2019 , 28, 3766-3776	5.6	14
82	Phenotypic convergence of Menkes and Wilson disease. <i>Neurology: Genetics</i> , 2016 , 2, e119	3.8	14
81	Frequency and signature of somatic variants in 1461 human brain exomes. <i>Genetics in Medicine</i> , 2019 , 21, 904-912	8.1	14
80	The p.Ser107Leu in BICD2 is a mutation that causes distal spinal muscular atrophy. <i>Brain</i> , 2015 , 138, e391	11.2	12
79	An atlas of mitochondrial DNA genotype-phenotype associations in the UK Biobank. <i>Nature Genetics</i> , 2021 , 53, 982-993	36.3	12
78	Clinical heterogeneity of primary familial brain calcification due to a novel mutation in PDGFB. <i>Neurology</i> , 2015 , 84, 1818-20	6.5	11
77	Cardiac involvement in hereditary myopathy with early respiratory failure: A cohort study. <i>Neurology</i> , 2016 , 87, 1031-5	6.5	11
76	Near-identical segregation of mtDNA heteroplasmy in blood, muscle, urinary epithelium, and hair follicles in twins with optic atrophy, ptosis, and intractable epilepsy. <i>JAMA Neurology</i> , 2013 , 70, 1552-5	17.2	11

75	Recurrent strokes in a 34-year-old man. <i>Lancet, The</i> , 1997 , 350, 560	40	11
74	New approaches to the treatment of mitochondrial disorders. <i>Reproductive BioMedicine Online</i> , 2004 , 8, 16-23	4	11
73	Reactive oxygen species production and mitochondrial dysfunction in white blood cells are not valid biomarkers of ageing in the very old. <i>PLoS ONE</i> , 2014 , 9, e91005	3.7	11
72	Effects of thyroid hormone on mitochondria and metabolism of human preimplantation embryos. <i>Stem Cells</i> , 2020 , 38, 369-381	5.8	11
71	Use of stereotypical mutational motifs to define resolution limits for the ultra-deep resequencing of mitochondrial DNA. <i>European Journal of Human Genetics</i> , 2015 , 23, 413-5	5.3	10
70	Reply: Parsing the differences in affected with LHON: genetic versus environmental triggers of disease conversion. <i>Brain</i> , 2016 , 139, e18	11.2	10
69	Mitochondrially-targeted APOBEC1 is a potent mtDNA mutator affecting mitochondrial function and organismal fitness in <i>Drosophila</i> . <i>Nature Communications</i> , 2019 , 10, 3280	17.4	10
68	A new disease allele for the p.C30071R mutation in titin causing hereditary myopathy with early respiratory failure. <i>Neuromuscular Disorders</i> , 2014 , 24, 241-4	2.9	10
67	Visualizing, quantifying, and manipulating mitochondrial DNA in vivo. <i>Journal of Biological Chemistry</i> , 2020 , 295, 17588-17601	5.4	10
66	Both mitochondrial DNA and mitonuclear gene mutations cause hearing loss through cochlear dysfunction. <i>Brain</i> , 2016 , 139, e33	11.2	9
65	Mutations in SUCLA2: a tandem ride back to the Krebs cycle. <i>Brain</i> , 2007 , 130, 606-9	11.2	9
64	Mitochondrial Causes of Epilepsy: Evaluation, Diagnosis, and Treatment. <i>Seminars in Neurology</i> , 2015 , 35, 300-9	3.2	8
63	Mitochondrial Replacement in the Clinic. <i>New England Journal of Medicine</i> , 2020 , 382, 1855-1857	59.2	8
62	Chronic pain is common in mitochondrial disease. <i>Neuromuscular Disorders</i> , 2020 , 30, 413-419	2.9	8
61	Oxygen in mitochondrial disease: can there be too much of a good thing?. <i>Journal of Inherited Metabolic Disease</i> , 2018 , 41, 761-763	5.4	8
60	Defining neurogenetic phenotypes (or how to compare needles in haystacks). <i>Brain</i> , 2010 , 133, 649-51	11.2	8
59	A guide to writing systematic reviews of rare disease treatments to generate FAIR-compliant datasets: building a Treatabolome. <i>Orphanet Journal of Rare Diseases</i> , 2020 , 15, 206	4.2	8
58	Adult-onset Mendelian PEO Associated with Mitochondrial Disease. <i>Journal of Neuromuscular Diseases</i> , 2014 , 1, 119-133	5	8

57	Mitochondrial Matchmaking. <i>New England Journal of Medicine</i> , 2016 , 375, 1894-1896	59.2	7
56	De novo variant is associated with decreased mitochondrial respiratory chain activities. <i>Neurology: Genetics</i> , 2017 , 3, e187	3.8	6
55	In vivo mitochondrial function in HIV-infected persons treated with contemporary anti-retroviral therapy: a magnetic resonance spectroscopy study. <i>PLoS ONE</i> , 2014 , 9, e84678	3.7	6
54	Reply: Early-onset Behr syndrome due to compound heterozygous mutations in OPA1. <i>Brain</i> , 2014 , 137, e302	11.2	6
53	Whole genome sequencing for the diagnosis of neurological repeat expansion disorders in the UK: a retrospective diagnostic accuracy and prospective clinical validation study.. <i>Lancet Neurology, The</i> , 2022 , 21, 234-245	24.1	6
52	Modifying mitochondrial tRNAs: delivering what the cell needs. <i>Cell Metabolism</i> , 2015 , 21, 351-2	24.6	5
51	Recurrent horizontal transfer identifies mitochondrial positive selection in a transmissible cancer. <i>Nature Communications</i> , 2020 , 11, 3059	17.4	5
50	Reply: Hereditary myopathy with early respiratory failure is caused by mutations in the titin FN3 119 domain. <i>Brain</i> , 2014 , 137, e280	11.2	5
49	Mitochondrial genotype and clinical phenotype. <i>Journal of Inherited Metabolic Disease</i> , 1998 , 21, 321-5	5.4	5
48	Is there alteration in aortic stiffness in Leber hereditary optic neuropathy?. <i>European Journal of Ophthalmology</i> , 2008 , 18, 309-12	1.9	5
47	Use of whole genome sequencing to determine genetic basis of suspected mitochondrial disorders: cohort study. <i>BMJ, The</i> , 2021 , 375, e066288	5.9	5
46	Identification of UBAP1 mutations in juvenile hereditary spastic paraplegia in the 100,000 Genomes Project. <i>European Journal of Human Genetics</i> , 2020 , 28, 1763-1768	5.3	5
45	Oxford Nanopore sequencing-based protocol to detect CpG methylation in human mitochondrial DNA		5
44	MitoPhen database: a human phenotype ontology-based approach to identify mitochondrial DNA diseases. <i>Nucleic Acids Research</i> , 2021 , 49, 9686-9695	20.1	5
43	Mitochondrial DNA depletion induces innate immune dysfunction rescued by IFN- γ <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 1461-1464.e8	11.5	4
42	Epigenetic regulation in the pathophysiology of Lewy body dementia. <i>Progress in Neurobiology</i> , 2020 , 192, 101822	10.9	4
41	Single-molecule mitochondrial DNA sequencing shows no evidence of CpG methylation in human cells and tissues. <i>Nucleic Acids Research</i> , 2021 ,	20.1	4
40	Identification of a novel heterozygous guanosine monophosphate reductase (GMPR) variant in a patient with a late-onset disorder of mitochondrial DNA maintenance. <i>Clinical Genetics</i> , 2020 , 97, 276-285	4	4

39	Mitochondrial DNA variants modulate N-formylmethionine, proteostasis and risk of late-onset human diseases. <i>Nature Medicine</i> , 2021 , 27, 1564-1575	50.5	4
38	Multifocal demyelinating motor neuropathy and hamartoma syndrome associated with a de novo mutation. <i>Neurology</i> , 2018 , 90, e1842-e1848	6.5	3
37	De-fusing mitochondria defuses the mtDNA time-bomb. <i>Cell Research</i> , 2019 , 29, 781-782	24.7	3
36	Leber Hereditary Optic Neuropathy - Therapeutic Challenges and Early Promise. <i>Taiwan Journal of Ophthalmology</i> , 2011 , 1, 12-15	1.4	3
35	Author response: Origins and functional consequences of somatic mitochondrial DNA mutations in human cancer 2014 ,		3
34	Behr syndrome and hypertrophic cardiomyopathy in a family with a novel UCHL1 deletion. <i>Journal of Neurology</i> , 2020 , 267, 3643-3649	5.5	3
33	[11C]PK11195-PET Brain Imaging of the Mitochondrial Translocator Protein in Mitochondrial Disease. <i>Neurology</i> , 2021 ,	6.5	3
32	Biparental inheritance of mitochondrial DNA revisited. <i>Nature Reviews Genetics</i> , 2021 , 22, 477-478	30.1	3
31	Cell reprogramming shapes the mitochondrial DNA landscape. <i>Nature Communications</i> , 2021 , 12, 5241	17.4	3
30	Reply: Evaluation of exome sequencing variation in undiagnosed ataxias. <i>Brain</i> , 2015 , 138, e384	11.2	2
29	Voxel-based analysis in neuroferritinopathy expands the phenotype and determines radiological correlates of disease severity. <i>Journal of Neurology</i> , 2015 , 262, 2232-40	5.5	2
28	Clinical and pathological features of mitochondrial DNA deletion disease following antiretroviral treatment. <i>JAMA Neurology</i> , 2015 , 72, 603-5	17.2	2
27	Response to Newman et al. <i>Genetics in Medicine</i> , 2017 , 19,	8.1	2
26	The Effect of Neurological Genomics and Personalized Mitochondrial Medicine. <i>JAMA Neurology</i> , 2017 , 74, 11-13	17.2	2
25	Nuclear-mitochondrial proteins: too much to process?. <i>Brain</i> , 2015 , 138, 1451-3	11.2	2
24	Shortening the diagnostic odyssey-the impact of whole genome sequencing in the NHS. <i>BMJ, The</i> , 2021 , 375, n2683	5.9	2
23	Oxygen tension modulates the mitochondrial genetic bottleneck and influences the segregation of a heteroplasmic mtDNA variant in vitro. <i>Communications Biology</i> , 2021 , 4, 584	6.7	2
22	Mitochondrial Haplogroup and the Risk of Acute Kidney Injury Following Cardiac Bypass Surgery. <i>Scientific Reports</i> , 2019 , 9, 2279	4.9	2

21	Heteroplasmic mitochondrial DNA variants in cardiovascular diseases.. <i>PLoS Genetics</i> , 2022 , 18, e1010068		2
20	Opening One's Eyes to Mosaicism in Progressive External Ophthalmoplegia. <i>Neurology: Genetics</i> , 2017 , 3, e202	3.8	1
19	A Woman With Intellectual Disability, Amenorrhoea, Seizures, and Balance Problems. <i>JAMA Neurology</i> , 2016 , 73, 1494-1495	17.2	1
18	The age of single-gene neurological disorders is not dead. <i>Brain</i> , 2010 , 133, 1865-8	11.2	1
17	High diagnostic rate of trio exome sequencing in consanguineous families with neurogenetic diseases. <i>Brain</i> , 2021 ,	11.2	1
16	The frequency of the m.1555A>G () variant in UK patients with suspected mitochondrial deafness. <i>Hearing, Balance and Communication</i> , 2016 , 14, 101-102	0.7	1
15	Nonrandom tissue distribution of mutant mtDNA 1999 , 85, 498		1
14	Heteroplasmic mitochondrial DNA mutations in frontotemporal lobar degeneration.. <i>Acta Neuropathologica</i> , 2022 , 143, 687-695	14.3	1
13	Development and evaluation of rapid data-enabled access to routine clinical information to enhance early recruitment to the national clinical platform trial of COVID-19 community treatments.. <i>Trials</i> , 2022 , 23, 62	2.8	0
12	Isolated homozygous R217X mutation causes knock-out of functional C-terminal optineurin domains and associated oligodendroglialopathy-dominant ALS-TDP. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021 , 92, 1022-1024	5.5	0
11	Mitochondrial DNA heteroplasmy is modulated during oocyte development propagating mutation transmission. <i>Science Advances</i> , 2021 , 7, eabi5657	14.3	0
10	mutations and central demyelination: Evidence from electrophysiologic phenotyping in female manifesting carriers. <i>Neurology: Clinical Practice</i> , 2017 , 7, 451-454	1.7	
9	Diagnostic Approach to Mitochondrial Diseases 2019 , 281-287		
8	Inherited mtDNA variations are not strong risk factors in human prion disease. <i>Neurobiology of Aging</i> , 2015 , 36, 2908.e1-3	5.6	
7	Cracking the enigma of mitochondrial-DNA variants and cancer. <i>Nature Metabolism</i> , 2020 , 2, 221-222	14.6	
6	Clinical Management of Mitochondrial Diseases59-68		
5	Teaching video neuroimages: muscle cramps and a raised creatine kinase. <i>Neurology</i> , 2014 , 82, e220-1	6.5	
4	Response to Simon et al. <i>Acta Neuropathologica Communications</i> , 2017 , 5, 34	7.3	

- 3 Reply: Behr syndrome with OPA1 compound heterozygote mutations. *Brain*, **2015**, 138, e322 11.2
- 2 Mitochondrial disorders due to mutations in the nuclear genome **2020**, 415-425
- 1 Heredity and segregation of mtDNA **2020**, 87-107