

# Association between mitochondrial DNA variations and cohort

Neurobiology of Aging

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Citation Report

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Alzheimer's Disease Neuroimaging Initiative special issue. <i>Neurobiology of Aging</i> , 2010, 31, 1259-1262.   | 1.5 | 17        |
| 2  | mtDNA haplogroup J Modulates telomere length and Nitric Oxide production. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 283.  | 0.8 | 34        |
| 3  | The Impact of Mitochondrial and Nuclear DNA Variants on Late-Onset Alzheimer's Disease Risk. <i>Journal of Alzheimer's Disease</i> , 2011, 27, 197-210.  | 1.2 | 43        |
| 4  | Bioenergetic Origins of Complexity and Disease. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2011, 76, 1-16.   | 2.0 | 113       |
| 5  | Mitochondrial DNA (mtDNA) haplogroups and serum levels of anti-oxidant enzymes in patients with osteoarthritis. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 264.  | 0.8 | 32        |
| 6  | Mitochondria as a Therapeutic Target for Aging and Neurodegenerative Diseases. <i>Current Alzheimer Research</i> , 2011, 8, 393-409.   | 0.7 | 189       |
| 7  | No consistent evidence for association between mtDNA variants and Alzheimer disease. <i>Neurology</i> , 2012, 78, 1038-1042.   | 1.5 | 52        |
| 8  | The Alzheimer's Disease Neuroimaging Initiative: A review of papers published since its inception. <i>Alzheimer's and Dementia</i> , 2012, 8, S1-68.   | 0.4 | 432       |
| 9  | Nutritional modulation of age-related macular degeneration. <i>Molecular Aspects of Medicine</i> , 2012, 33, 318-375.  | 2.7 | 73        |
| 10 | Abnormal mitochondrial dynamics and synaptic degeneration as early events in Alzheimer's disease: Implications to mitochondria-targeted antioxidant therapeutics. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 639-649. | 1.8 | 317       |
| 11 | A mitochondrial etiology of Alzheimer and Parkinson disease. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 553-564.  | 1.1 | 268       |
| 12 | Mitochondria and Cell Bioenergetics: Increasingly Recognized Components and a Possible Etiologic Cause of Alzheimer's Disease. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 1434-1455.  | 2.5 | 169       |
| 13 | Mitochondrial Genomic Analysis of Late Onset Alzheimer's Disease Reveals Protective Haplogroups H6A1A/H6A1B: The Cache County Study on Memory in Aging. <i>PLoS ONE</i> , 2012, 7, e45134.   | 1.1 | 44        |
| 14 | Mitochondrial defects and oxidative stress in Alzheimer disease and Parkinson disease. <i>Free Radical Biology and Medicine</i> , 2013, 62, 90-101.  | 1.3 | 565       |
| 15 | The Alzheimer's Disease Neuroimaging Initiative: A review of papers published since its inception. <i>Alzheimer's and Dementia</i> , 2013, 9, e111-94.   | 0.4 | 535       |
| 16 | Mitochondrial Medicine. , 2013, , 1-153.   |     | 5         |
| 17 | Mitochondrial Diseases of the Brain. <i>Free Radical Biology and Medicine</i> , 2013, 63, 1-29.  | 1.3 | 361       |
| 18 | Genetics of Alzheimer's Disease. <i>BioMed Research International</i> , 2013, 2013, 1-13.  | 0.9 | 75        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Mitochondrial Haplotypes Associated with Biomarkers for Alzheimer's Disease. PLoS ONE, 2013, 8, e74158.  | 1.1 | 28        |
| 20 | The Alzheimer's disease mitochondrial cascade hypothesis: Progress and perspectives. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1219-1231.  | 1.8 | 557       |
| 21 | mtDNA mutations in human aging and longevity: Controversies and new perspectives opened by high-throughput technologies. Experimental Gerontology, 2014, 56, 234-244.  | 1.2 | 39        |
| 22 | Aerobic glycolysis in the primate brain: reconsidering the implications for growth and maintenance. Brain Structure and Function, 2014, 219, 1149-1167.  | 1.2 | 84        |
| 23 | Genetic analysis of quantitative phenotypes in AD and MCI: imaging, cognition and biomarkers. Brain Imaging and Behavior, 2014, 8, 183-207.  | 1.1 | 161       |
| 24 | Contribution of non-reference alleles in mtDNA of Alzheimer's disease patients. Annals of Clinical and Translational Neurology, 2014, 1, 284-289.  | 1.7 | 13        |
| 25 | Mitochondrial DNA sequence associations with dementia and amyloid- $\beta$ in elderly African Americans. Neurobiology of Aging, 2014, 35, 442.e1-442.e8.   | 1.5 | 27        |
| 26 | Enhanced defense against mitochondrial hydrogen peroxide attenuates age-associated cognition decline. Neurobiology of Aging, 2014, 35, 2552-2561.  | 1.5 | 32        |
| 27 | A review on mitochondrial restorative mechanism of antioxidants in Alzheimer's disease and other neurological conditions. Frontiers in Pharmacology, 2015, 6, 206.   | 1.6 | 109       |
| 28 | Mitochondrial DNA mutations in neurodegeneration. Biochimica Et Biophysica Acta - Bioenergetics, 2015, 1847, 1401-1411.  | 0.5 | 120       |
| 29 | Mitochondrial DNA haplogroup B5 confers genetic susceptibility to Alzheimer's disease in Han Chinese. Neurobiology of Aging, 2015, 36, 1604.e7-1604.e16.   | 1.5 | 50        |
| 30 | 2014 Update of the Alzheimer's Disease Neuroimaging Initiative: A review of papers published since its inception. Alzheimer's and Dementia, 2015, 11, e1-120.  | 0.4 | 261       |
| 31 | Impact of the Alzheimer's Disease Neuroimaging Initiative, 2004 to 2014. Alzheimer's and Dementia, 2015, 11, 865-884.  | 0.4 | 181       |
| 32 | No evidence of association between common European mitochondrial DNA variants in Alzheimer, Parkinson, and migraine in the Spanish population. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2015, 168, 54-65. | 1.1 | 37        |
| 33 | Triad of Risk for Late Onset Alzheimer's: Mitochondrial Haplotype, APOE Genotype and Chromosomal Sex. Frontiers in Aging Neuroscience, 2016, 8, 232.   | 1.7 | 41        |
| 34 | Oxidative and Inflammatory Pathways in Age-Related Chronic Disease Processes. Oxidative Stress in Applied Basic Research and Clinical Practice, 2016, , 95-106.  | 0.4 | 5         |
| 35 | Male-specific association between MT-ND4 11719 A/G polymorphism and ulcerative colitis: a mitochondria-wide genetic association study. BMC Gastroenterology, 2016, 16, 118.  | 0.8 | 17        |
| 36 | Mitochondria as a therapeutic target in Alzheimer's disease. Genes and Diseases, 2016, 3, 220-227.   | 1.5 | 30        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Mitochondrial Dysfunction in Neurodegenerative Disorders. , 2016, , .   |     | 3         |
| 38 | The Ageing Brain, Mitochondria and Neurodegeneration. , 2016, , 59-80.  |     | 4         |
| 39 | Endothelial Cell Bioenergetics and Mitochondrial DNA Damage Differ in Humans Having African or West Eurasian Maternal Ancestry. Circulation: Cardiovascular Genetics, 2016, 9, 26-36. | 5.1 | 29        |
| 40 | Stem cell mitochondria during aging. Seminars in Cell and Developmental Biology, 2016, 52, 110-118.   | 2.3 | 21        |
| 41 | Multiple faces of dynamin-related protein 1 and its role in Alzheimer's disease pathogenesis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 814-828.        | 1.8 | 124       |
| 42 | Mitochondria, Cybrids, Aging, and Alzheimer's Disease. Progress in Molecular Biology and Translational Science, 2017, 146, 259-302.   | 0.9 | 87        |
| 43 | Family history and <i>TOMM40</i> '523 interactive associations with memory in middle-aged and Alzheimer's disease cohorts. Alzheimer's and Dementia, 2017, 13, 1217-1225.             | 0.4 | 12        |
| 44 | A Mitocentric View of Alzheimer's Disease. Molecular Neurobiology, 2017, 54, 6046-6060.   | 1.9 | 45        |
| 45 | Mitochondria-Derived Damage-Associated Molecular Patterns in Neurodegeneration. Frontiers in Immunology, 2017, 8, 508.  | 2.2 | 84        |
| 46 | A key role for MAM in mediating mitochondrial dysfunction in Alzheimer disease. Cell Death and Disease, 2018, 9, 335.   | 2.7 | 158       |
| 47 | Assembly of 809 whole mitochondrial genomes with clinical, imaging, and fluid biomarker phenotyping. Alzheimer's and Dementia, 2018, 14, 514-519.                                     | 0.4 | 14        |
| 48 | Mitochondria and Alzheimer's Disease: the Role of Mitochondrial Genetic Variation. Current Genetic Medicine Reports, 2018, 6, 1-10.   | 1.9 | 45        |
| 49 | Mitochondrial Etiology of Neuropsychiatric Disorders. Biological Psychiatry, 2018, 83, 722-730.   | 0.7 | 121       |
| 51 | Mitochondrial DNA Variation in Human Radiation and Disease. Biochimica Et Biophysica Acta - Bioenergetics, 2018, 1859, e7.  | 0.5 | 1         |
| 53 | Mitochondrial genetic medicine. Nature Genetics, 2018, 50, 1642-1649.   | 9.4 | 226       |
| 54 | Decoding the Role of Platelets and Related MicroRNAs in Aging and Neurodegenerative Disorders. Frontiers in Aging Neuroscience, 2019, 11, 151.  | 1.7 | 34        |
| 55 | Maternally Inherited Differences within Mitochondrial Complex I Control Murine Healthspan. Genes, 2019, 10, 532.  | 1.0 | 8         |
| 56 | Analysis of functional variants in mitochondrial DNA of Finnish athletes. BMC Genomics, 2019, 20, 784.  | 1.2 | 7         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 57 | Drug repurposing for Alzheimer's disease based on transcriptional profiling of human iPSC-derived cortical neurons. <i>Translational Psychiatry</i> , 2019, 9, 220.   | 2.4 | 42        |
| 58 | Comparing the Utility of Mitochondrial and Nuclear DNA to Adjust for Genetic Ancestry in Association Studies. <i>Cells</i> , 2019, 8, 306.  | 1.8 | 19        |
| 59 | Mitochondria and Alzheimer's Disease: An Electron Microscopy Study. , 2019, , .   |     | 4         |
| 60 | Mitochondrial Biology and Medicine. , 2019, , 267-322.  |     | 2         |
| 61 | Mitochondrial interactions influence Alzheimer's disease risk. <i>Neurobiology of Aging</i> , 2020, 87, 138.e7-138.e14.   | 1.5 | 19        |
| 62 | Mitochondrial interactions influence multiple sclerosis risk. <i>Gene</i> , 2020, 758, 144962.  | 1.0 | 11        |
| 63 | Mitochondrial Interactions in the Maintenance of Mitochondrial Integrity. <i>Life</i> , 2020, 10, 173.  | 1.1 | 8         |
| 64 | Mitophagy and the Brain. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9661.   | 1.8 | 32        |
| 65 | Mitochondrial DNA haplogroups and risk of attention deficit and hyperactivity disorder in European Americans. <i>Translational Psychiatry</i> , 2020, 10, 370.  | 2.4 | 11        |
| 66 | Mitochondria dysfunction in the pathogenesis of Alzheimer's disease: recent advances. <i>Molecular Neurodegeneration</i> , 2020, 15, 30.  | 4.4 | 562       |
| 67 | Exploratory analysis of mtDNA haplogroups in two Alzheimer's longitudinal cohorts. <i>Alzheimer's and Dementia</i> , 2020, 16, 1164-1172.   | 0.4 | 25        |
| 68 | Selective neuronal vulnerability in Alzheimer's disease. <i>Ageing Research Reviews</i> , 2020, 62, 101114.   | 5.0 | 9         |
| 69 | Mitochondrial DNA Haplogroups and Susceptibility to Neuroblastoma. <i>Journal of the National Cancer Institute</i> , 2020, 112, 1259-1266.  | 3.0 | 10        |
| 70 | mtDNA Heteroplasmy at the Core of Aging-Associated Heart Failure. An Integrative View of OXPHOS and Mitochondrial Life Cycle in Cardiac Mitochondrial Physiology. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 625020. | 1.8 | 26        |
| 72 | The Role of Mitochondrial Genes in Neurodegenerative Disorders. <i>Current Neuropharmacology</i> , 2022, 20, 824-835.   | 1.4 | 4         |
| 73 | Interaction between A $\beta$ 2 and Tau in the Pathogenesis of Alzheimer's Disease. <i>International Journal of Biological Sciences</i> , 2021, 17, 2181-2192.  | 2.6 | 115       |
| 74 | The Role of Mitochondria in Neurodegenerative Diseases: the Lesson from Alzheimer's Disease and Parkinson's Disease. <i>Molecular Neurobiology</i> , 2020, 57, 2959-2980.   | 1.9 | 180       |
| 76 | A Mitochondrial Genome-Wide Association Study of Cataract in a Latino Population. <i>Translational Vision Science and Technology</i> , 2020, 9, 25.   | 1.1 | 8         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 77 | Biocomplexity and Fractality in the Search of Biomarkers of Aging and Pathology: Focus on Mitochondrial DNA and Alzheimer's Disease. , 2017, 8, 44.   |     | 11        |
| 78 | APOE4, oxidative stress and decreased repair capacity - a no-brainer. Faulty lipid metabolism and increased levels of oxidative damage may be risk factors in the pathogenesis of late-onset dementia. BioDiscovery, 2015, , 1. | 0.1 | 3         |
| 79 | Mitochondrial Function and Neurodegenerative Diseases. , 2018, , 369-414.   |     | 1         |
| 81 | The role of mitochondrial dysfunction in Alzheimer's disease. Meditsinskiy Sovet, 2019, , 34-40.  | 0.1 | 2         |
| 83 | Novel Positron Emission Tomography Radiotracers for Imaging Mitochondrial Complex I. ACS Chemical Neuroscience, 2021, , .   | 1.7 | 3         |
| 84 | Editorial: Metabolism in Alzheimer's Disease. Frontiers in Neuroscience, 2021, 15, 824145.  | 1.4 | 0         |
| 85 | Mitochondrial Genetics Reinforces Multiple Layers of Interaction in Alzheimer's Disease. Biomedicines, 2022, 10, 880.   | 1.4 | 7         |
| 86 | SOD1 mediates lysosome-to-mitochondria communication and its dysregulation by amyloid- $\beta^2$ oligomers. Neurobiology of Disease, 2022, 169, 105737.   | 2.1 | 7         |
| 88 | Mitochondria-derived peptides in aging and healthspan. Journal of Clinical Investigation, 2022, 132, .  | 3.9 | 44        |
| 89 | Role of A $\beta^2$ in Alzheimer's-related synaptic dysfunction. Frontiers in Cell and Developmental Biology, 0, 10, .  | 1.8 | 19        |
| 90 | A Mitochondrial DNA Haplogroup Defines Patterns of Five-Year Cognitive Change. Journal of Alzheimer's Disease, 2022, 89, 913-922.   | 1.2 | 3         |
| 91 | Mitochondrial DNA variation in Alzheimer's disease reveals a unique microprotein called SHMOOSE. Molecular Psychiatry, 2023, 28, 1813-1826.   | 4.1 | 16        |
| 92 | Role of mitochondria in brain functions and related disorders. Exploration of Medicine, 0, , 494-515.   | 1.5 | 0         |
| 93 | Is Mitochondria DNA Variation a Biomarker for AD?. Genes, 2022, 13, 1789.   | 1.0 | 3         |
| 94 | Alzheimer's disease: the hypotheses, known and unknown connections between UV-radiation, mtDNA haplotypes and life span - a review. Folia Medica, 2022, 64, 878-883.  | 0.2 | 1         |