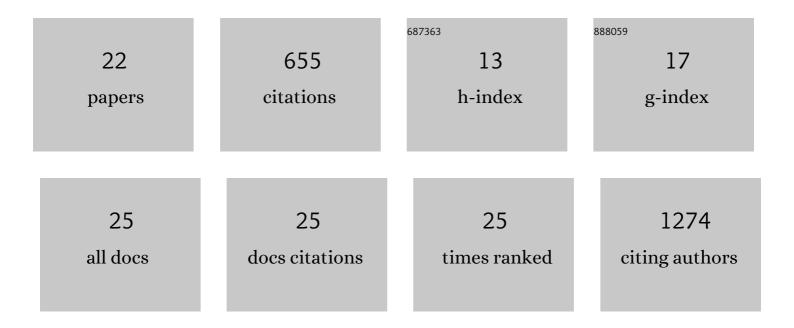
Matthew J Young

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Human mitochondrial DNA replication machinery and disease. Current Opinion in Genetics and Development, 2016, 38, 52-62.	3.3	147
2	The evolutionary history of mitochondrial porins. BMC Evolutionary Biology, 2007, 7, 31.	3.2	118
3	Polg2 is essential for mammalian embryogenesis and is required for mtDNA maintenance. Human Molecular Genetics, 2013, 22, 1017-1025.	2.9	62
4	Biochemical analysis of human POLG2 variants associated with mitochondrial disease. Human Molecular Genetics, 2011, 20, 3052-3066.	2.9	57
5	Off-Target Effects of Drugs that Disrupt Human Mitochondrial DNA Maintenance. Frontiers in Molecular Biosciences, 2017, 4, 74.	3.5	57
6	Phylogenetic and coevolutionary analysis of the β-barrel protein family comprised of mitochondrial porin (VDAC) and Tom40. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 1502-1519.	2.6	42
7	Effects of the S288c genetic background and common auxotrophic markers on mitochondrial DNA function in <i>Saccharomyces cerevisiae</i> . Yeast, 2008, 25, 903-912.	1.7	38
8	<i>POLG2</i> disease variants: analyses reveal a dominant negative heterodimer, altered mitochondrial localization and impaired respiratory capacity. Human Molecular Genetics, 2015, 24, 5184-5197.	2.9	27
9	A p.R369G POLG2 mutation associated with adPEO and multiple mtDNA deletions causes decreased affinity between polymerase l³ subunits. Mitochondrion, 2012, 12, 313-319.	3.4	21
10	Purification and functional characterization of human mitochondrial DNA polymerase gamma harboring disease mutations. Methods, 2010, 51, 379-384.	3.8	17
11	Comparison of HepaRG cells following growth in proliferative and differentiated culture conditions reveals distinct bioenergetic profiles. Cell Cycle, 2019, 18, 476-499.	2.6	15
12	The carboxyl-terminal extension on fungal mitochondrial DNA polymerases: identification of a critical region of the enzyme fromSaccharomyces cerevisiae. Yeast, 2006, 23, 101-116.	1.7	14
13	The antiretroviral 2′,3′-dideoxycytidine causes mitochondrial dysfunction in proliferating and differentiated HepaRG human cell cultures. Journal of Biological Chemistry, 2021, 296, 100206.	3.4	14
14	Analysis of Human Mitochondrial DNA Content by Southern Blotting and Nonradioactive Probe Hybridization. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 2019, 80, e75.	1.1	8
15	Remdesivir triphosphate blocks DNA synthesis and increases exonucleolysis by the replicative mitochondrial DNA polymerase, Pol Î ³ . Mitochondrion, 2021, 61, 147-158.	3.4	5
16	Analysis of Mitochondrial DNA Polymorphisms in the Human Cell Lines HepaRG and SJCRH30. International Journal of Molecular Sciences, 2019, 20, 3245.	4.1	4
17	Identification of Somatic Mitochondrial DNA Mutations, Heteroplasmy, and Increased Levels of Catenanes in Tumor Specimens Obtained from Three Endometrial Cancer Patients. Life, 2022, 12, 562.	2.4	2
18	A nonâ€radioactive DNA synthesis assay demonstrates that elements of the Sigma 1278b Mip1 mitochondrial DNA polymerase domain and Câ€ŧerminal extension facilitate robust enzyme activity. Yeast, 2021, 38, 262-275	1.7	1

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#	Article	IF	CITATIONS
19	The complexity of heterozygous POLC2 mutations associated with human mitochondrial disease. Mitochondrion, 2013, 13, 930.	3.4	0
20	Observation on the ultrastructure morphology of HeLa cells treated with ethanol: Statistical analysis. Ultrastructural Pathology, 2016, 40, 324-332.	0.9	0
21	Abstract B48: Ovarian cancer risk in laying hens is reduced by dietary polyunsaturated fatty acids: Implications for soluble E-cadherin, de novo lipogenesis, and mitochondrial metabolism. , 2020, , .		Ο
22	Heterozygous p.Y955C mutation in DNA polymerase γ leads to alterations in bioenergetics, complex l subunit expression, and mtDNA replication. Journal of Biological Chemistry, 2022, 298, 102196.	3.4	0