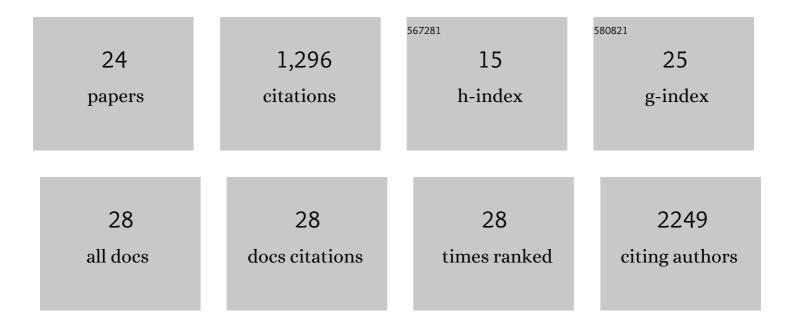
## Luke Ethan Formosa

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6099764/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	Mitochondrial COA7 is a heme-binding protein with disulfide reductase activity, which acts in the early stages of complex IV assembly. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	12
2	Sideroflexin 4 is a complex I assembly factor that interacts with the MCIA complex and is required for the assembly of the ND2 module. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2115566119.	7.1	10
3	Inwardly rectifying potassium channels mediate polymyxin-induced nephrotoxicity. Cellular and Molecular Life Sciences, 2022, 79, 296.	5.4	4
4	Fatal Perinatal Mitochondrial Cardiac Failure Caused by Recurrent De Novo Duplications in the ATAD3 Locus. Med, 2021, 2, 49-73.e10.	4.4	33
5	Optic atrophy–associated TMEM126A is an assembly factor for the ND4-module of mitochondrial complex I. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	14
6	SILAC-based complexome profiling dissects the structural organization of the human respiratory supercomplexes in SCAFIKO cells. Biochimica Et Biophysica Acta - Bioenergetics, 2021, 1862, 148414.	1.0	15
7	Abnormalities of mitochondrial dynamics and bioenergetics in neuronal cells from CDKL5 deficiency disorder. Neurobiology of Disease, 2021, 155, 105370.	4.4	6
8	The Mitochondrial Acyl-carrier Protein Interaction Network Highlights Important Roles for LYRM Family Members in Complex I and Mitoribosome Assembly. Molecular and Cellular Proteomics, 2020, 19, 65-77.	3.8	43
9	The â€~mitochondrial contact site and cristae organising system' (MICOS) in health and human disease. Journal of Biochemistry, 2020, 167, 243-255.	1.7	62
10	A homozygous variant in <scp><i>NDUFA8</i></scp> is associated with developmental delay, microcephaly, and epilepsy due to mitochondrial complex I deficiency. Clinical Genetics, 2020, 98, 155-165.	2.0	18
11	Metabolic characteristics of CD8+ T cell subsets in young and aged individuals are not predictive of functionality. Nature Communications, 2020, 11, 2857.	12.8	33
12	Dissecting the Roles of Mitochondrial Complex I Intermediate Assembly Complex Factors in the Biogenesis of Complex I. Cell Reports, 2020, 31, 107541.	6.4	64
13	A patient with homozygous nonsense variants in two Leigh syndrome disease genes: Distinguishing a dual diagnosis from a hypomorphic proteinâ€ŧruncating variant. Human Mutation, 2019, 40, 893-898.	2.5	8
14	Mitochondrial OXPHOS complex assembly lines. Nature Cell Biology, 2018, 20, 511-513.	10.3	51
15	Building a complex complex: Assembly of mitochondrial respiratory chain complex I. Seminars in Cell and Developmental Biology, 2018, 76, 154-162.	5.0	145
16	<i> <scp>OXA</scp> 1L </i> mutations cause mitochondrial encephalopathy and a combined oxidative phosphorylation defect. EMBO Molecular Medicine, 2018, 10, .	6.9	54
17	Preservation of skeletal muscle mitochondrial content in older adults: relationship between mitochondria, fibre type and highâ€intensity exercise training. Journal of Physiology, 2017, 595, 3345-3359.	2.9	60
18	Biallelic Mutations in TMEM126B Cause Severe Complex I Deficiency with a Variable Clinical Phenotype. American Journal of Human Genetics, 2016, 99, 217-227.	6.2	57

#	Article	IF	CITATIONS
19	Mitochondrial fusion: Reaching the end of mitofusin's tether. Journal of Cell Biology, 2016, 215, 597-598.	5.2	20
20	Accessory subunits are integral for assembly and function of human mitochondrial complex I. Nature, 2016, 538, 123-126.	27.8	429
21	Translation and Assembly of Radiolabeled Mitochondrial DNA-Encoded Protein Subunits from Cultured Cells and Isolated Mitochondria. Methods in Molecular Biology, 2016, 1351, 115-129.	0.9	12
22	A Role for the Mitochondrial Protein Mrpl44 in Maintaining OXPHOS Capacity. PLoS ONE, 2015, 10, e0134326.	2.5	11
23	Characterization of mitochondrial FOXRED1 in the assembly of respiratory chain complex I. Human Molecular Genetics, 2015, 24, 2952-2965.	2.9	59
24	Gene Knockout Using Transcription Activator-like Effector Nucleases (TALENs) Reveals That Human NDUFA9 Protein Is Essential for Stabilizing the Junction between Membrane and Matrix Arms of Complex I. Journal of Biological Chemistry, 2013, 288, 1685-1690.	3.4	68