

# Gregory C Kujoth

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

2,340  
citations

471371

17  
h-index

501076

28  
g-index

33  
all docs

33  
docs citations

33  
times ranked

3054  
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA deletions and clonal mutations drive premature aging in mitochondrial mutator mice. <i>Nature Genetics</i> , 2008, 40, 392-394.	9.4	360
2	Mitochondrial point mutations do not limit the natural lifespan of mice. <i>Nature Genetics</i> , 2007, 39, 540-543.	9.4	349
3	Endurance exercise rescues progeroid aging and induces systemic mitochondrial rejuvenation in mtDNA mutator mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4135-4140.	3.3	313
4	Mitochondrial DNA Mutations Induce Mitochondrial Dysfunction, Apoptosis and Sarcopenia in Skeletal Muscle of Mitochondrial DNA Mutator Mice. <i>PLoS ONE</i> , 2010, 5, e11468.	1.1	225
5	Operating microscopes: past, present, and future. <i>Neurosurgical Focus</i> , 2009, 27, E4.	1.0	171
6	The Role of Mitochondrial DNA Mutations in Mammalian Aging. <i>PLoS Genetics</i> , 2007, 3, e24.	1.5	163
7	Dysregulation of Mitochondrial Quality Control Processes Contribute to Sarcopenia in a Mouse Model of Premature Aging. <i>PLoS ONE</i> , 2013, 8, e69327.	1.1	132
8	The role of mtDNA mutations in the pathogenesis of age-related hearing loss in mice carrying a mutator DNA polymerase $\beta$ . <i>Neurobiology of Aging</i> , 2008, 29, 1080-1092.	1.5	83
9	Mitochondrial DNA Mutations and Apoptosis in Mammalian Aging: Figure 1.. <i>Cancer Research</i> , 2006, 66, 7386-7389.	0.4	65
10	Evaluation of sex differences on mitochondrial bioenergetics and apoptosis in mice. <i>Experimental Gerontology</i> , 2007, 42, 173-182.	1.2	64
11	Focal Cerebral Ischemia Model by Endovascular Suture Occlusion of the Middle Cerebral Artery in the Rat. <i>Journal of Visualized Experiments</i> , 2011, , .	0.2	59
12	CRISPR/Cas9-Mediated Gene Disruption Reveals the Importance of Zinc Metabolism for Fitness of the Dimorphic Fungal Pathogen <i>Blastomyces dermatitidis</i> . <i>MBio</i> , 2018, 9, .	1.8	55
13	Increased mtDNA mutations with aging promotes amyloid accumulation and brain atrophy in the APP/Ld transgenic mouse model of Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2014, 9, 16.	4.4	54
14	Club Cell TRPV4 Serves as a Damage Sensor Driving Lung Allergic Inflammation. <i>Cell Host and Microbe</i> , 2020, 27, 614-628.e6.	5.1	47
15	Mitochondrial DNA polymerase editing mutation, PolgD257A, disturbs stem-progenitor cell cycling in the small intestine and restricts excess fat absorption. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, G914-G924.	1.6	43
16	Behavioral and metabolic characterization of heterozygous and homozygous POLG mutator mice. <i>Mitochondrion</i> , 2013, 13, 282-291.	1.6	33
17	Prematurely aging mitochondrial DNA mutator mice display subchondral osteopenia and chondrocyte hypertrophy without further osteoarthritis features. <i>Scientific Reports</i> , 2020, 10, 1296.	1.6	22
18	Heterozygous Polg mutation causes motor dysfunction due to mt DNA deletions. <i>Annals of Clinical and Translational Neurology</i> , 2014, 1, 909-920.	1.7	18

#	ARTICLE	IF	CITATIONS
19	Effects of calorie restriction on the lifespan and healthspan of POLG mitochondrial mutator mice. PLoS ONE, 2017, 12, e0171159.	1.1	17
20	Antigen discovery unveils resident memory and migratory cell roles in antifungal resistance. Mucosal Immunology, 2020, 13, 518-529.	2.7	15
21	Somatic mitochondrial DNA mutations do not increase neuronal vulnerability to MPTP in young POLG mutator mice. Neurotoxicology and Teratology, 2014, 46, 62-67.	1.2	14
22	Mitochondrial DNA polymerase editing mutation, PolgD257A, reduces the diabetic phenotype of Akita male mice by suppressing appetite. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8779-8784.	3.3	12
23	Structural basis of Blastomyces Endoglucanase-2 adjuvancy in anti-fungal and -viral immunity. PLoS Pathogens, 2021, 17, e1009324.	2.1	7
24	Evolving insight into the role of mitochondrial DNA mutations in aging. Experimental Gerontology, 2008, 43, 20-23.	1.2	6
25	Establishment of Quantitative PCR Assays for Active Long Interspersed Nuclear Element-1 Subfamilies in Mice and Applications to the Analysis of Aging-Associated Retrotransposition. Frontiers in Genetics, 2020, 11, 519206.	1.1	6
26	Gene Editing in Dimorphic Fungi Using CRISPR/Cas9. Current Protocols in Microbiology, 2020, 59, e132.	6.5	4
27	Monitoring ischemic cerebral injury in spontaneously hypertensive rats by diffusion tensor imaging. Turkish Neurosurgery, 2015, 26, 500-12.	0.1	2
28	Animal Model of Mitochondrial Dysfunction Generating Macrocytic Anemia and Myelodysplastic Bone Marrow Failure.. Blood, 2007, 110, 402-402.	0.6	1
29	Endurance Exercise Rescues Cardiomyopathy in Mitochondrial DNA Mutator Mouse Model of Aging. FASEB Journal, 2010, 24, 619.17.	0.2	0
30	Endurance Exercise, Mitochondrial Rejuvenescence and Aging: On Your Mark, Get Set, GO!. FASEB Journal, 2010, 24, 806.15.	0.2	0
31	Reinventing the Wheel: Voluntary Running Promotes Mitochondrial Adaptations in mtDNA Mutator Mouse Model of Aging. FASEB Journal, 2010, 24, 1b647.	0.2	0
32	Endurance training attenuates loss of bone strength in the polymerase gamma mutator mouse model of aging. FASEB Journal, 2010, 24, 618.19.	0.2	0