

# 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	Structural basis of <i>Blastomyces</i> Endoglucanase-2 adjuvancy in anti-fungal and -viral immunity. <i>PLoS Pathogens</i> , 2021, 17, e1009324.	2.1	7
2	Antigen discovery unveils resident memory and migratory cell roles in antifungal resistance. <i>Mucosal Immunology</i> , 2020, 13, 518-529.	2.7	15
3	Establishment of Quantitative PCR Assays for Active Long Interspersed Nuclear Element-1 Subfamilies in Mice and Applications to the Analysis of Aging-Associated Retrotransposition. <i>Frontiers in Genetics</i> , 2020, 11, 519206.	1.1	6
4	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
5	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
6	Gene Editing in Dimorphic Fungi Using CRISPR/Cas9. <i>Current Protocols in Microbiology</i> , 2020, 59, e132.	6.5	4
7	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
8	Effects of calorie restriction on the lifespan and healthspan of POLG mitochondrial mutator mice. <i>PLoS ONE</i> , 2017, 12, e0171159.	1.1	17
9	Monitoring ischemic cerebral injury in spontaneously hypertensive rats by diffusion tensor imaging. <i>Turkish Neurosurgery</i> , 2015, 26, 500-12.	0.1	2
10	Somatic mitochondrial DNA mutations do not increase neuronal vulnerability to MPTP in young POLG mutator mice. <i>Neurotoxicology and Teratology</i> , 2014, 46, 62-67.	1.2	14
11	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
12	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
13	Behavioral and metabolic characterization of heterozygous and homozygous POLG mutator mice. <i>Mitochondrion</i> , 2013, 13, 282-291.	1.6	33
14	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
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	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
17	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
18	Mitochondrial DNA polymerase editing mutation, PolgD257A, reduces the diabetic phenotype of Akita male mice by suppressing appetite. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8779-8784.	3.3	12

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19	Mitochondrial DNA Mutations Induce Mitochondrial Dysfunction, Apoptosis and Sarcopenia in Skeletal Muscle of Mitochondrial DNA Mutator Mice. PLoS ONE, 2010, 5, e11468.	1.1	225
20	Endurance Exercise Rescues Cardiomyopathy in Mitochondrial DNA Mutator Mouse Model of Aging. FASEB Journal, 2010, 24, 619.17.	0.2	0
21	Endurance Exercise, Mitochondrial Rejuvenescence and Aging: On Your Mark, Get Set, GO!. FASEB Journal, 2010, 24, 806.15.	0.2	0
22	Reinventing the Wheel: Voluntary Running Promotes Mitochondrial Adaptations in mtDNA Mutator Mouse Model of Aging. FASEB Journal, 2010, 24, lb647.	0.2	0
23	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
24	Operating microscopes: past, present, and future. Neurosurgical Focus, 2009, 27, E4.	1.0	171
25	DNA deletions and clonal mutations drive premature aging in mitochondrial mutator mice. Nature Genetics, 2008, 40, 392-394.	9.4	360
26	Evolving insight into the role of mitochondrial DNA mutations in aging. Experimental Gerontology, 2008, 43, 20-23.	1.2	6
27	The role of mtDNA mutations in the pathogenesis of age-related hearing loss in mice carrying a mutator DNA polymerase $\beta$ . Neurobiology of Aging, 2008, 29, 1080-1092.	1.5	83
28	The Role of Mitochondrial DNA Mutations in Mammalian Aging. PLoS Genetics, 2007, 3, e24.	1.5	163
29	Mitochondrial point mutations do not limit the natural lifespan of mice. Nature Genetics, 2007, 39, 540-543.	9.4	349
30	Evaluation of sex differences on mitochondrial bioenergetics and apoptosis in mice. Experimental Gerontology, 2007, 42, 173-182.	1.2	64
31	Animal Model of Mitochondrial Dysfunction Generating Macrocytic Anemia and Myelodysplastic Bone Marrow Failure.. Blood, 2007, 110, 402-402.	0.6	1
32	Mitochondrial DNA Mutations and Apoptosis in Mammalian Aging: Figure 1.. Cancer Research, 2006, 66, 7386-7389.	0.4	65