George A Garinis

List of Publications by Year
in descending order

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46 papers	3,903 citations	201674 27 h-index	206112 48 g-index
53 all docs	53 docs citations	53 times ranked	5556 citing authors

#	Article	IF	Citations
1	A new progeroid syndrome reveals that genotoxic stress suppresses the somatotroph axis. Nature, 2006, 444, 1038-1043.	27.8	601
2	NF-Î²B inhibition delays DNA damageâ€“induced senescence and aging in mice. Journal of Clinical Investigation, 2012, 122, 2601-2612.	8.2	358
3	DNA damage and ageing: new-age ideas for an age-old problem. Nature Cell Biology, 2008, 10, 1241-1247.	10.3	325
4	Age to survive: DNA damage and aging. Trends in Genetics, 2008, 24, 77-85.	6.7	230
5	Impaired Genome Maintenance Suppresses the Growth Hormoneâ€“Insulin-Like Growth Factor 1 Axis in Mice with Cockayne Syndrome. PLoS Biology, 2006, 5, e2.	5.6	200
6	Delayed and Accelerated Aging Share Common Longevity Assurance Mechanisms. PLoS Genetics, 2008, 4, e1000161.	3.5	178
7	Perturbations of Vascular Homeostasis and Aortic Valve Abnormalities in Fibulin-4 Deficient Mice. Circulation Research, 2007, 100, 738-746.	4.5	146
8	Transcriptome analysis reveals cyclobutane pyrimidine dimers as a major source of UV-induced DNA breaks. EMBO Journal, 2005, 24, 3952-3962.	7.8	139
9	Nucleotide excision repair: new tricks with old bricks. Trends in Genetics, 2012, 28, 566-573.	6.7	128
10	Persistent transcription-blocking DNA lesions trigger somatic growth attenuation associated with longevity. Nature Cell Biology, 2009, 11, 604-615.	10.3	127
11	DNA damage and innate immunity: links and trade-offs. Trends in Immunology, 2014, 35, 429-435.	6.8	120
12	A mouse model of accelerated liver aging caused by a defect in DNA repair. Hepatology, 2012, 55, 609-621.	7.3	106
13	DNA hypermethylation: when tumour suppressor genes go silent. Human Genetics, 2002, 111, 115-127.	3.8	104
14	DNA Damage Triggers a Chronic Autoinflammatory Response, Leading to Fat Depletion in NER Progeria. Cell Metabolism, 2013, 18, 403-415.	16.2	102
15	Transcriptome and phenotypic analysis reveals Gata3-dependent signalling pathways in murine hair follicles. Development (Cambridge), 2007, 134, 261-272.	2.5	81
16	Dicer1â€“miR-328â€“Bace1 signalling controls brown adipose tissue differentiation and function. Nature Cell Biology, 2016, 18, 328-336.	10.3	80
17	Mitochondrial Oxidative Damage Underlies Regulatory T Cell Defects in Autoimmunity. Cell Metabolism, 2020, 32, 591-604.e7.	16.2	79
18	Retinal Degeneration and Ionizing Radiation Hypersensitivity in a Mouse Model for Cockayne Syndrome. Molecular and Cellular Biology, 2007, 27, 1433-1441.	2.3	69

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19	Hypermethylation-associated transcriptional silencing of E-cadherin in primary sporadic colorectal carcinomas. Journal of Pathology, 2002, 198, 442-449.	4.5	54
20	Differential Role of Basal Keratinocytes in UV-Induced Immunosuppression and Skin Cancer. Molecular and Cellular Biology, 2006, 26, 8515-8526.	2.3	52
21	Programmed Death-1 Shapes Memory Phenotype CD8 T Cell Subsets in a Cell-Intrinsic Manner. Journal of Immunology, 2013, 190, 6104-6114.	0.8	49
22	DNA Damage: From Chronic Inflammation to Age-Related Deterioration. Frontiers in Genetics, 2016, 7, 187.	2.3	49
23	Cytokine serum levels in patients with chronic HCV infection. Journal of Clinical Laboratory Analysis, 2002, 16, 40-46.	2.1	48
24	Defective transcription initiation causes postnatal growth failure in a mouse model of nucleotide excision repair (NER) progeria. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2995-3000.	7.1	44
25	Tissue-infiltrating macrophages mediate an exosome-based metabolic reprogramming upon DNA damage. Nature Communications, 2020, 11, 42.	12.8	44
26	Sealing the gap between nuclear DNA damage and longevity. Molecular and Cellular Endocrinology, 2009, 299, 112-117.	3.2	38
27	R-loops trigger the release of cytoplasmic ssDNAs leading to chronic inflammation upon DNA damage. Science Advances, 2021, 7, eabj5769.	10.3	30
28	Molecular Heterogeneity of the Glucose-6-Phosphate Dehydrogenase Deficiency in the Hellenic Population. Human Heredity, 2000, 50, 237-241.	0.8	29
29	ERCC1â€“XPF cooperates with CTCF and cohesin toÂfacilitate the developmental silencing of imprintedÂgenes. Nature Cell Biology, 2017, 19, 421-432.	10.3	28
30	The splicing factor XAB2 interacts with ERCC1-XPF and XPG for R-loop processing. Nature Communications, 2021, 12, 3153.	12.8	27
31	DNA Damage Response and Metabolic Reprogramming in Health and Disease. Trends in Genetics, 2020, 36, 777-791.	6.7	26
32	Photolyases: capturing the light to battle skin cancer. Future Oncology, 2006, 2, 191-199.	2.4	24
33	Extended longevity mechanisms in short-lived progeroid mice: Identification of a preservative stress response associated with successful aging. Mechanisms of Ageing and Development, 2007, 128, 58-63.	4.6	24
34	Nucleotide Excision Repair and Transcriptionâ€Associated Genome Instability. BioEssays, 2019, 41, e1800201.	2.5	23
35	Molecular pathology of rare progeroid diseases. Trends in Molecular Medicine, 2021, 27, 907-922.	6.7	23
36	Tissue-Specific Suppression of Thyroid Hormone Signaling in Various Mouse Models of Aging. PLoS ONE, 2016, 11, e0149941.	2.5	23

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37	Transcription-blocking DNA damage in aging and longevity. Cell Cycle, 2009, 8, 2131-2137.	2.6	17
38	Nucleotide excision repair deficiencies and the somatotropic axis in aging. Hormones, 2008, 7, 9-16.	1.9	13
39	DNA damage-induced inflammation and nuclear architecture. Mechanisms of Ageing and Development, 2017, 165, 17-26.	4.6	11
40	High frequency of concomitant nm23-H1 and E-cadherin transcriptional inactivation in primary non-inheriting colorectal carcinomas. Journal of Molecular Medicine, 2003, 81, 256-263.	3.9	9
41	Tissue-specific aging: a tale of functional asymmetry. Aging, 2014, 6, 7-8.	3.1	9
42	DNA Damage and the Aging Epigenome. Journal of Investigative Dermatology, 2021, 141, 961-967.	0.7	8
43	Transcription-blocking DNA damage in aging and longevity. Cell Cycle, 2009, 8, 2134-5.	2.6	8
44	Glucose-6-phosphate dehydrogenase deficiency does not result from mutations in the promoter region of the G6PD gene. Journal of Clinical Laboratory Analysis, 2003, 17, 90-92.	2.1	6
45	Nuclear DNA Damage and Ageing. Sub-Cellular Biochemistry, 2018, 90, 309-322.	2.4	6
46	Editorial: DNA damage & immunity. Mechanisms of Ageing and Development, 2017, 165, 1-2.	4.6	1