

Yousin Suh

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

3,739
citations

257450

24
h-index

197818

49
g-index

53
all docs

53
docs citations

53
times ranked

7516
citing authors

#	ARTICLE	IF	CITATIONS
1	Functionally significant insulin-like growth factor I receptor mutations in centenarians. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3438-3442.	7.1	630
2	Interventions to Slow Aging in Humans: Are We Ready?. Aging Cell, 2015, 14, 497-510.	6.7	481
3	Differences between germline and somatic mutation rates in humans and mice. Nature Communications, 2017, 8, 15183.	12.8	309
4	Deficient Chaperone-Mediated Autophagy in Liver Leads to Metabolic Dysregulation. Cell Metabolism, 2014, 20, 417-432.	16.2	249
5	A Comprehensive Analysis of Replicative Lifespan in 4,698 Single-Gene Deletion Strains Uncovers Conserved Mechanisms of Aging. Cell Metabolism, 2015, 22, 895-906.	16.2	212
6	Regulated degradation of Chk1 by chaperone-mediated autophagy in response to DNA damage. Nature Communications, 2015, 6, 6823.	12.8	168
7	LSD1n is an H4K20 demethylase regulating memory formation via transcriptional elongation control. Nature Neuroscience, 2015, 18, 1256-1264.	14.8	131
8	In vivo genome editing in animals using AAV-CRISPR system: applications to translational research of human disease. F1000Research, 2017, 6, 2153.	1.6	127
9	Age-related somatic mutations in the cancer genome. Oncotarget, 2015, 6, 24627-24635.	1.8	104
10	Circulating miRNAs and miRNA shuttles as biomarkers: Perspective trajectories of healthy and unhealthy aging. Mechanisms of Ageing and Development, 2017, 165, 162-170.	4.6	96
11	A common variant in pre-miR-146 is associated with coronary artery disease risk and its mature miRNA expression. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2014, 761, 15-20.	1.0	92
12	Circulating miRNAs in Ageing and Ageing-Related Diseases. Journal of Genetics and Genomics, 2014, 41, 465-472.	3.9	91
13	Impaired IGF1R signaling in cells expressing longevity-associated human IGF1R alleles. Aging Cell, 2011, 10, 551-554.	6.7	88
14	Age- and Tissue-Specific Expression of Senescence Biomarkers in Mice. Frontiers in Genetics, 2018, 9, 59.	2.3	87
15	Genomewide meta-analysis identifies loci associated with IGF and IGFBP levels with impact on age-related traits. Aging Cell, 2016, 15, 811-824.	6.7	83
16	Genetic evidence for common pathways in human age-related diseases. Aging Cell, 2015, 14, 809-817.	6.7	70
17	MicroRNAs in Skeletal Muscle Aging: Current Issues and Perspectives. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1008-1014.	3.6	52
18	Comprehensive miRNA Profiling of Skeletal Muscle and Serum in Induced and Normal Mouse Muscle Atrophy During Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 1483-1491.	3.6	50

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19	Human geroprotector discovery by targeting the converging subnetworks of aging and age-related diseases. <i>GeroScience</i> , 2020, 42, 353-372.	4.6	50
20	Challenges and progress in interpretation of non-coding genetic variants associated with human disease. <i>Experimental Biology and Medicine</i> , 2017, 242, 1325-1334.	2.4	44
21	mTOR inhibitors may benefit kidney transplant recipients with mitochondrial diseases. <i>Kidney International</i> , 2019, 95, 455-466.	5.2	44
22	Syringaresinol protects against hypoxia/reoxygenation-induced cardiomyocytes injury and death by destabilization of HIF-1 α in a FOXO3-dependent mechanism. <i>Oncotarget</i> , 2015, 6, 43-55.	1.8	36
23	Genetic landscape of APOE in human longevity revealed by high-throughput sequencing. <i>Mechanisms of Ageing and Development</i> , 2016, 155, 7-9.	4.6	35
24	Genetics of extreme human longevity to guide drug discovery for healthy ageing. <i>Nature Metabolism</i> , 2020, 2, 663-672.	11.9	32
25	Mutation and catastrophe in the aging genome. <i>Experimental Gerontology</i> , 2017, 94, 34-40.	2.8	28
26	In vivo epigenome editing and transcriptional modulation using CRISPR technology. <i>Transgenic Research</i> , 2018, 27, 489-509.	2.4	26
27	Association of Lipidomic Profiles With Progression of Carotid Artery Atherosclerosis in HIV Infection. <i>JAMA Cardiology</i> , 2019, 4, 1239.	6.1	26
28	Signal Transduction, Ageing and Disease. <i>Sub-Cellular Biochemistry</i> , 2019, 91, 227-247.	2.4	23
29	A subset of microRNAs in the <i>Dlk1-Dio3</i> cluster regulates age-associated muscle atrophy by targeting <i>Atrogin1</i> . <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1336-1350.	7.3	22
30	Transcriptome analysis reveals the difference between "healthy" and "common" aging and their connection with age-related diseases. <i>Aging Cell</i> , 2020, 19, e13121.	6.7	22
31	Rare genetic coding variants associated with human longevity and protection against age-related diseases. <i>Nature Aging</i> , 2021, 1, 783-794.	11.6	22
32	Discovery of novel non-synonymous SNP variants in 988 candidate genes from 6 centenarians by target capture and next-generation sequencing. <i>Mechanisms of Ageing and Development</i> , 2013, 134, 478-485.	4.6	21
33	A TagSNP in SIRT1 Gene Confers Susceptibility to Myocardial Infarction in a Chinese Han Population. <i>PLoS ONE</i> , 2015, 10, e0115339.	2.5	20
34	Differential expression of circulating microRNAs according to severity of colorectal neoplasia. <i>Translational Research</i> , 2015, 166, 225-232.	5.0	18
35	A review of the biomedical innovations for healthy longevity. <i>Aging</i> , 2017, 9, 7-25.	3.1	18
36	Type I Interferon Receptor Variants in Gene Regulatory Regions are Associated with Susceptibility to Cerebral Malaria in Malawi. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 1692-1698.	1.4	18

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37	Genome maintenance and human longevity. <i>Current Opinion in Genetics and Development</i> , 2014, 26, 105-115.	3.3	14
38	Network analysis of mitonuclear GWAS reveals functional networks and tissue expression profiles of disease-associated genes. <i>Human Genetics</i> , 2017, 136, 55-65.	3.8	14
39	Effective discovery of rare variants by pooled target capture sequencing: A comparative analysis with individually indexed target capture sequencing. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2018, 809, 24-31.	1.0	12
40	Genetic signature of human longevity in PKC and NF- κ B signaling. <i>Aging Cell</i> , 2021, 20, e13362.	6.7	12
41	Nar1 deficiency results in shortened lifespan and sensitivity to paraquat that is rescued by increased expression of mitochondrial superoxide dismutase. <i>Mechanisms of Ageing and Development</i> , 2014, 138, 53-58.	4.6	9
42	Genetic variation in Sirtuin 1 (SIRT1) is associated with lipid profiles but not with longevity in Ashkenazi Jews. <i>Translational Research</i> , 2015, 165, 480-481.	5.0	9
43	MicroRNA transcriptome analysis identifies miR-365 as a novel negative regulator of cell proliferation in Zmpste24-deficient mouse embryonic fibroblasts. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015, 777, 69-78.	1.0	9
44	Global, integrated analysis of methylomes and transcriptomes from laser capture microdissected bronchial and alveolar cells in human lung. <i>Epigenetics</i> , 2018, 13, 264-274.	2.7	7
45	An epigenomic role of Fe65 in the cellular response to DNA damage. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015, 776, 40-47.	1.0	6
46	CRISPR-based strategies for studying regulatory elements and chromatin structure in mammalian gene control. <i>Mammalian Genome</i> , 2018, 29, 205-228.	2.2	6
47	Small Molecule from Natural Phytochemical Mimics Dietary Restriction by Modulating FoxO3a and Metabolic Reprogramming. <i>Advanced Biology</i> , 2020, 4, 1900248.	3.0	6
48	Dialing Down SUN1 for Laminopathies. <i>Cell</i> , 2012, 149, 509-510.	28.9	3
49	The Long and Short of Fertility and Longevity. <i>Cell Metabolism</i> , 2010, 12, 209-210.	16.2	2
50	FUNCTIONAL NON-CODING VARIANTS AFFECTING ALZHEIMER'S DISEASE RISK IDENTIFIED BY MASSIVELY PARALLEL REPORTER ASSAY. <i>Alzheimer's and Dementia</i> , 2018, 14, P1400.	0.8	0
51	Molecular mechanisms of a disease susceptibility variant of SIRT1: Genotoxic stress-induced, CTCF-dependent activation of SIRT1 gene expression. <i>FASEB Journal</i> , 2010, 24, 833-23.	0.5	0