Mingyao Yang

List of Publications by Year
in descending order

71 papers	3,686 citations	230014 27 h-index	162838 57 g-index
75 all docs	75 docs citations	75 times ranked	4388 citing authors

#	Article	IF	Citations
1	p62 works as a hub modulation in the ageing process. Ageing Research Reviews, 2022, 73, 101538.	5.0	11
2	Inhibitor GSK690693 extends Drosophila lifespan via reduce AKT signaling pathway. Mechanisms of Ageing and Development, 2022, 202, 111633.	2.2	6
3	Flavonoidsâ€”Natural Gifts to Promote Health and Longevity. International Journal of Molecular Sciences, 2022, 23, 2176.	1.8	37
4	Iron Metabolism in Aging and Age-Related Diseases. International Journal of Molecular Sciences, 2022, 23, 3612.	1.8	29
5	VhaAC39-1 regulates gut homeostasis and affects the health span in Drosophila. Mechanisms of Ageing and Development, 2022, 204, 111673.	2.2	4
6	SIRT6 serves as a polyhedron in glycolytic metabolism and ageing-related diseases. Experimental Gerontology, 2022, 162, 111765.	1.2	4
7	Corrigendum to â€œTranscriptome Profiling across Five Tissues of Giant Pandaâ€. BioMed Research International, 2022, 2022, 1-1.	0.9	0
8	tRNA-derived fragments as New Hallmarks of Aging and Age-related Diseases. , 2021, 12, 1304.		13
9	Vitamin preference in Drosophila. Current Biology, 2021, 31, R946-R947.	1.8	2
10	Dihydromyricetin promotes longevity and activates the transcription factors FOXO and AOP in Drosophila. Aging, 2021, 13, 460-476.	1.4	15
11	Effects of anti-aging interventions on intestinal microbiota. Gut Microbes, 2021, 13, 1994835.	4.3	32
12	Excreta Quantification (EX-Q) for Longitudinal Measurements of Food Intake in Drosophila. IScience, 2020, 23, 100776.	1.9	30
13	Transcriptome Profiling across Five Tissues of Giant Panda. BioMed Research International, 2020, 2020, 1-13.	0.9	8
14	AFB1 Induced Transcriptional Regulation Related to Apoptosis and Lipid Metabolism in Liver of Chicken. Toxins, 2020, 12, 290.	1.5	32
15	Pharmacological Treatment of Alzheimerâ€™s Disease: Insights from Drosophila melanogaster. International Journal of Molecular Sciences, 2020, 21, 4621.	1.8	15
16	The Roles and Mechanisms of lncRNAs in Liver Fibrosis. International Journal of Molecular Sciences, 2020, 21, 1482.	1.8	74
17	Sexual dimorphism in the nutritional requirement for adult lifespan in Drosophila melanogaster. Aging Cell, 2020, 19, e13120.	3.0	33
18	Gut microbiota in reintroduction of giant panda. Ecology and Evolution, 2020, 10, 1012-1028.	0.8	18

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19	Transcriptome analysis reveals differentially expressed genes associated with high rates of egg production in chicken hypothalamic-pituitary-ovarian axis. Scientific Reports, 2020, 10, 5976.	1.6	42
20	The Regulatory Functions of Circular RNAs in Digestive System Cancers. Cancers, 2020, 12, 770.	1.7	18
21	The role of Sestrins in the regulation of the aging process. Mechanisms of Ageing and Development, 2020, 188, 111251.	2.2	7
22	Comparative proteomics analysis of dietary restriction in Drosophila. PLoS ONE, 2020, 15, e0240596.	1.1	7
23	Deubiquitinase USP7 regulates aging through ubiquitination and autophagy. Aging, 2020, 12, 23082-23095.	1.4	1
24	Deubiquitinase USP7 regulates <italic>Drosophila</italic> aging through ubiquitination and autophagy. Aging, 2020, 12, 23082-23095.	1.4	5
25	14-3-3 Proteins Are on the Crossroads of Cancer, Aging, and Age-Related Neurodegenerative Disease. International Journal of Molecular Sciences, 2019, 20, 3518.	1.8	80
26	Insights into the Functions of LncRNAs in Drosophila. International Journal of Molecular Sciences, 2019, 20, 4646.	1.8	48
27	The Epigenetics of Aging in Invertebrates. International Journal of Molecular Sciences, 2019, 20, 4535.	1.8	15
28	Epigenetics, Dietary Restriction, and Insects: Implications for Humankind. , 2019, , 549-563.		0
29	Expression of mammalian ASH1 and ASH4 in Drosophila reveals opposing functional roles in neurogenesis. Gene, 2019, 688, 132-139.	1.0	1
30	Alpha-ketoglutarate extends Drosophila lifespan by inhibiting mTOR and activating AMPK. Aging, 2019, 11, 4183-4197.	1.4	102
31	Tissue-specific transcriptome profiling of Drosophila reveals roles for GATA transcription factors in longevity by dietary restriction. Npj Aging and Mechanisms of Disease, 2018, 4, 5.	4.5	37
32	DNA methylation is not involved in dietary restriction induced lifespan extension in adult <i>Drosophila</i>. Genetical Research, 2018, 100, e1.	0.3	6
33	Genetic diversity and natural selection in wild fruit flies revealed by whole-genome resequencing. Genomics, 2018, 110, 304-309.	1.3	2
34	Gene expression patterns determine the differential numbers of dorsocentral macrochaetes between <i>Musca domestica</i> and <i>Drosophila melanogaster</i>. Genesis, 2018, 56, e23258.	0.8	1
35	Drosophila Gutâ€"A Nexus Between Dietary Restriction and Lifespan. International Journal of Molecular Sciences, 2018, 19, 3810.	1.8	10
36	Intestinal Homeostasis and Longevity: Drosophila Gut Feeling. Advances in Experimental Medicine and Biology, 2018, 1086, 157-168.	0.8	13

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37	Circular RNA in Aging and Age-Related Diseases. Advances in Experimental Medicine and Biology, 2018, 1086, 17-35.	0.8	26
38	Metagenomic Study Suggests That the Gut Microbiota of the Giant Panda (Ailuropoda melanoleuca) May Not Be Specialized for Fiber Fermentation. Frontiers in Microbiology, 2018, 9, 229.	1.5	70
39	2,5-Dimethyl-Celecoxib ExtendsDrosophilaLife Span via a Mechanism That Requires Insulin and Target of Rapamycin Signaling. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, glw244.	1.7	17
40	Matching Dietary Amino Acid Balance to the In Silico-Translated Exome Optimizes Growth and Reproduction without Cost to Lifespan. Cell Metabolism, 2017, 25, 610-621.	7.2	137
41	Genomic data for 78 chickens from 14 populations. GigaScience, 2017, 6, 1-5.	3.3	28
42	Metabolome analysis of effect of aspirin on Drosophila lifespan extension. Experimental Gerontology, 2017, 95, 54-62.	1.2	22
43	The Growth Differentiation Factor 11 (GDF11) and Myostatin (MSTN) in tissue specific aging. Mechanisms of Ageing and Development, 2017, 164, 108-112.	2.2	23
44	Illumina-based de novo transcriptome sequencing and analysis of Chinese forest musk deer. Journal of Genetics, 2017, 96, 1033-1040.	0.4	11
45	Rhythmic expression of circadian clock genes in the preovulatory ovarian follicles of the laying hen. PLoS ONE, 2017, 12, e0179019.	1.1	7
46	Molecular evolutionary patterns of NAD+/Sirtuin aging signaling pathway across taxa. PLoS ONE, 2017, 12, e0182306.	1.1	9
47	Epigenetics, Dietary Restriction, and Insects: Implications for Humankind. , 2017, , 1-15.		0
48	Alpha-Ketoglutarate: Physiological Functions and Applications. Biomolecules and Therapeutics, 2016, 24, 1-8.	1.1	194
49	A de novo silencer causes elimination of MITF-M expression and profound hearing loss in pigs. BMC Biology, 2016, 14, 52.	1.7	53
50	The musk chemical composition and microbiota of Chinese forest musk deer males. Scientific Reports, 2016, 6, 18975.	1.6	51
51	The complete nucleotide sequence of the mitochondrial genome of Drosophila formosana (Diptera:) Tj ETQq1 1 0.784314 rgBT /Over	0.7	2
52	Rapamycin slows down gut aging. Aging, 2016, 8, 833-834.	1.4	4
53	LncRNA mediated regulation of aging pathways in Drosophila melanogaster during dietary restriction. Aging, 2016, 8, 2182-2203.	1.4	36
54	Molecular Evolutionary Analysis of Î²-Defensin Peptides in Vertebrates. Evolutionary Bioinformatics, 2015, 11, EBO.S25580.	0.6	36

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55	Rapamycin preserves gut homeostasis during Drosophila aging. Oncotarget, 2015, 6, 35274-35283.	0.8	65
56	The evolution of the gut microbiota in the giant and the red pandas. Scientific Reports, 2015, 5, 10185.	1.6	71
57	The bacterial communities associated with fecal types and body weight of rex rabbits. Scientific Reports, 2015, 5, 9342.	1.6	115
58	Epigenetic mechanisms of dietary restriction induced aging in Drosophila. Experimental Gerontology, 2015, 72, 38-44.	1.2	13
59	Characterization of the Gut Microbiota in the Red Panda (Ailurus fulgens). PLoS ONE, 2014, 9, e87885.	1.1	70
60	Evolution of primate Î± and Î¸ defensins revealed by analysis of genomes. Molecular Biology Reports, 2014, 41, 3859-3866.	1.0	22
61	A holidic medium for Drosophila melanogaster. Nature Methods, 2014, 11, 100-105.	9.0	291
62	Target of rapamycin signalling mediates the lifespan-extending effects of dietary restriction by essential amino acid alteration. Aging, 2014, 6, 390-398.	1.4	50
63	The kinase Sgg modulates temporal development of macrochaetes in Drosophila by phosphorylation of Scute and Pannier. Development (Cambridge), 2012, 139, 325-334.	1.2	20
64	Replication of vertebrate mitochondrial DNA entails transient ribonucleotide incorporation throughout the lagging strand. EMBO Journal, 2006, 25, 5358-5371.	3.5	205
65	Bidirectional Replication Initiates at Sites Throughout the Mitochondrial Genome of Birds. Journal of Biological Chemistry, 2005, 280, 3242-3250.	1.6	71
66	A Bidirectional Origin of Replication Maps to the Major Noncoding Region of Human Mitochondrial DNA. Molecular Cell, 2005, 18, 651-662.	4.5	148
67	Mammalian Mitochondrial DNA Replicates Bidirectionally from an Initiation Zone. Journal of Biological Chemistry, 2003, 278, 50961-50969.	1.6	174
68	Biased Incorporation of Ribonucleotides on the Mitochondrial L-Strand Accounts for Apparent Strand-Asymmetric DNA Replication. Cell, 2002, 111, 495-505.	13.5	238
69	Functional domains are specified to single-cell resolution in a Drosophila epithelium. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 5207-5212.	3.3	178
70	Subdivision of the drosophila mushroom bodies by enhancer-trap expression patterns. Neuron, 1995, 15, 45-54.	3.8	336
71	Functional dissection of the drosophila mushroom bodies by selective feminization ofagenetically defined subcompartments. Neuron, 1995, 15, 55-61.	3.8	130