

Joseph M Dhahbi

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,149
citations

236925

25
h-index

330143

37
g-index

39
all docs

39
docs citations

39
times ranked

3126
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal linkage between the phenotypic and genomic responses to caloric restriction. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5524-5529.	7.1	234
2	5â€² tRNA halves are present as abundant complexes in serum, concentrated in blood cells, and modulated by aging and calorie restriction. BMC Genomics, 2013, 14, 298.	2.8	204
3	Identification of potential caloric restriction mimetics by microarray profiling. Physiological Genomics, 2005, 23, 343-350.	2.3	144
4	Deep Sequencing of Serum Small RNAs Identifies Patterns of 5â€² tRNA Half and YRNA Fragment Expression Associated with Breast Cancer. Biomarkers in Cancer, 2014, 6, BIC.S20764.	3.6	144
5	Additive regulation of hepatic gene expression by dwarfism and caloric restriction. Physiological Genomics, 2004, 17, 307-315.	2.3	136
6	5â€²-YRNA fragments derived by processing of transcripts from specific YRNA genes and pseudogenes are abundant in human serum and plasma. Physiological Genomics, 2013, 45, 990-998.	2.3	98
7	Caloric restriction alters the feeding response of key metabolic enzyme genes. Mechanisms of Ageing and Development, 2001, 122, 1033-1048.	4.6	97
8	Circulating small non coding RNA signature in head and neck squamous cell carcinoma. Oncotarget, 2015, 6, 19246-19263.	1.8	89
9	Gene Expression and Physiologic Responses of the Heart to the Initiation and Withdrawal of Caloric Restriction. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2006, 61, 218-231.	3.6	76
10	Circulating small noncoding RNAs as biomarkers of aging. Ageing Research Reviews, 2014, 17, 86-98.	10.9	74
11	Deep Sequencing Reveals Novel MicroRNAs and Regulation of MicroRNA Expression during Cell Senescence. PLoS ONE, 2011, 6, e20509.	2.5	73
12	Deep sequencing identifies circulating mouse miRNAs that are functionally implicated in manifestations of aging and responsive to calorie restriction. Aging, 2013, 5, 130-141.	3.1	67
13	Calories and aging alter gene expression for gluconeogenic, glycolytic, and nitrogen-metabolizing enzymes. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E352-E360.	3.5	64
14	Differential Effects of Hepatocyte Nuclear Factor 4Î± Isoforms on Tumor Growth and T-Cell Factor 4/AP-1 Interactions in Human Colorectal Cancer Cells. Molecular and Cellular Biology, 2015, 35, 3471-3490.	2.3	57
15	Statin Treatment Increases Lifespan and Improves Cardiac Health in Drosophila by Decreasing Specific Protein Prenylation. PLoS ONE, 2012, 7, e39581.	2.5	54
16	Circulating microRNA signature of genotype-by-age interactions in the long-lived Ames dwarf mouse. Aging Cell, 2015, 14, 1055-1066.	6.7	54
17	Dietary Energy Tissue-Specifically Regulates Endoplasmic Reticulum Chaperone Gene Expression in the Liver of Mice. Journal of Nutrition, 1997, 127, 1758-1764.	2.9	49
18	Phosphorylation of p53 by TAF1 Inactivates p53-Dependent Transcription in the DNA Damage Response. Molecular Cell, 2014, 53, 63-74.	9.7	46

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19	Conserved and Tissue-Specific Genic and Physiologic Responses to Caloric Restriction and Altered IGF1 Signaling in Mitotic and Postmitotic Tissues. <i>Annual Review of Nutrition</i> , 2007, 27, 193-217.	10.1	45
20	Î²1-Adrenergic receptor blockade extends the life span of <i>Drosophila</i> and long-lived mice. <i>Age</i> , 2013, 35, 2099-2109.	3.0	34
21	Dietary Calorie Restriction in Mice Induces Carbamyl Phosphate Synthetase I Gene Transcription Tissue Specifically. <i>Journal of Biological Chemistry</i> , 1996, 271, 3500-3506.	3.4	33
22	Organ reserve, excess metabolic capacity, and aging. <i>Biogerontology</i> , 2018, 19, 171-184.	3.9	32
23	Combined activation of the energy and cellular-defense pathways may explain the potent anti-senescence activity of methylene blue. <i>Redox Biology</i> , 2015, 6, 426-435.	9.0	28
24	Caloric restriction impacts plasma microRNA in rhesus monkeys. <i>Aging Cell</i> , 2017, 16, 1200-1203.	6.7	27
25	Novel Protein Kinase Signaling Systems Regulating Lifespan Identified by Small Molecule Library Screening Using <i>Drosophila</i> . <i>PLoS ONE</i> , 2012, 7, e29782.	2.5	26
26	Hepatic Gene Expression Profiling of Streptozotocin-Induced Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2003, 5, 411-420.	4.4	25
27	Dietary Energy Restriction in Mice Negatively Regulates Hepatic Glucose-Regulated Protein 78 (GRP78) Expression at the Posttranscriptional Level. <i>Journal of Nutrition</i> , 1996, 126, 416-423.	2.9	22
28	Chaperone-Mediated Regulation of Hepatic Protein Secretion by Caloric Restriction. <i>Biochemical and Biophysical Research Communications</i> , 2001, 284, 335-339.	2.1	19
29	Nordihydroguaiaretic Acid Extends the Lifespan of <i>Drosophila</i> and Mice, Increases Mortality-Related Tumors and Hemorrhagic Diathesis, and Alters Energy Homeostasis in Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1479-1489.	3.6	19
30	Postprandial Induction of Chaperone Gene Expression Is Rapid in Mice. <i>Journal of Nutrition</i> , 2002, 132, 31-37.	2.9	17
31	MicroRNAs Circulate in the Hemolymph of <i>Drosophila</i> and Accumulate Relative to Tissue microRNAs in an Age-Dependent Manner. <i>Genomics Insights</i> , 2016, 9, GEL.S38147.	3.0	17
32	mRNA-Seq reveals complex patterns of gene regulation and expression in the mouse skeletal muscle transcriptome associated with calorie restriction. <i>Physiological Genomics</i> , 2012, 44, 331-344.	2.3	15
33	Data Mining of Small RNA-Seq Suggests an Association Between Prostate Cancer and Altered Abundance of 5â€² Transfer RNA Halves in Seminal Fluid and Prostatic Tissues. <i>Biomarkers in Cancer</i> , 2018, 10, 1179299X1875954.	3.6	10
34	Protein turnover, energy metabolism, aging, and caloric restriction. <i>Advances in Cell Aging and Gerontology</i> , 2003, , 69-86.	0.1	9
35	Aging of the Liver. , 2003, , 271-291.		5
36	Specific PIWI-Interacting RNAs and Related Small Noncoding RNAs Are Associated With Ovarian Aging in Ames Dwarf (df/df) Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1561-1570.	3.6	3

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37	Plasma miRNA Profile of Crohn's Disease and Rheumatoid Arthritis Patients. <i>Biology</i> , 2022, 11, 508.	2.8	2
38	Small Noncoding RNAs in Senescence and Aging. <i>Healthy Ageing and Longevity</i> , 2016, , 287-312.	0.2	1