Di Chen

List of Publications by Year
in descending order

21 papers	2,640 citations	567281 15 h-index	713466 21 g-index
24 all docs	24 docs citations	24 times ranked	2950 citing authors

#	Article	IF	Citations
1	The TOR pathway interacts with the insulin signaling pathway to regulate C. elegans larval development, metabolism and life span. Development (Cambridge), 2004, 131, 3897-3906.	2.5	612
2	With TOR, Less Is More: A Key Role for the Conserved Nutrient-Sensing TOR Pathway in Aging. Cell Metabolism, 2010, 11, 453-465.	16.2	592
3	Inhibition of mRNA translation extends lifespan in Caenorhabditis elegans. Aging Cell, 2007, 6, 111-119.	6.7	464
4	HIF-1 Modulates Dietary Restriction-Mediated Lifespan Extension via IRE-1 in Caenorhabditis elegans. PLoS Genetics, 2009, 5, e1000486.	3.5	232
5	Longevity determined by developmental arrest genes in Caenorhabditis elegans. Aging Cell, 2007, 6, 525-533.	6.7	126
6	Life Span Extension via eIF4G Inhibition Is Mediated by Posttranscriptional Remodeling of Stress Response Gene Expression in C.Âelegans. Cell Metabolism, 2011, 14, 55-66.	16.2	124
7	Germline Signaling Mediates the Synergistically Prolonged Longevity Produced by Double Mutations in daf-2 and rsks-1 in C.Âelegans. Cell Reports, 2013, 5, 1600-1610.	6.4	112
8	A Systems Approach to Reverse Engineer Lifespan Extension by Dietary Restriction. Cell Metabolism, 2016, 23, 529-540.	16.2	67
9	Construction of a germline-specific RNAi tool in C. elegans. Scientific Reports, 2019, 9, 2354.	3.3	60
10	Supplementation with Major Royal-Jelly Proteins Increases Lifespan, Feeding, and Fecundity in Drosophila. Journal of Agricultural and Food Chemistry, 2016, 64, 5803-5812.	5.2	55
11	Translational Regulation of Non-autonomous Mitochondrial Stress Response Promotes Longevity. Cell Reports, 2019, 28, 1050-1062.e6.	6.4	50
12	Effect of Major Royal Jelly Proteins on Spatial Memory in Aged Rats: Metabolomics Analysis in Urine. Journal of Agricultural and Food Chemistry, 2017, 65, 3151-3159.	5.2	30
13	Î²-Dihydroagarofuran-Type Sesquiterpenes from the Seeds of Celastrus monospermus and Their Lifespan-Extending Effects on the Nematode Caenorhabditis elegans. Journal of Natural Products, 2016, 79, 3039-3046.	3.0	28
14	A SNP of bacterial blc disturbs gut lysophospholipid homeostasis and induces inflammation through epithelial barrier disruption. EBioMedicine, 2020, 52, 102652.	6.1	22
15	LINâ€28 balances longevity and germline stem cell number in Caenorhabditis elegans through letâ€7/AKT/DAFâ€16 axis. Aging Cell, 2017, 16, 113-124.	6.7	18
16	Evaluation of the major royal jelly proteins as an alternative to fetal bovine serum in culturing human cell lines. Journal of Zhejiang University: Science B, 2016, 17, 476-483.	2.8	12
17	An antagonistic pleiotropic gene regulates the reproduction and longevity tradeoff. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2120311119.	7.1	11
18	Cytotoxic and antioxidant activities of Macfadyena unguis-cati L. aerial parts and bioguided isolation of the antitumor active components. Industrial Crops and Products, 2017, 107, 531-538.	5.2	10

#	Article	IF	Citations
19	Molecular mechanisms of dietary restriction in agingâ€”insights from Caenorhabditis elegans research. Science China Life Sciences, 2015, 58, 352-358.	4.9	8
20	Inhibition of PAR-1 delays aging via activating AMPK in C. elegans. Aging, 2020, 12, 25700-25717.	3.1	5
21	HS-GC-IMS and ATR-FT-MIR Analysis Reveal the Differences in Volatile Compounds, Proteins, and Polyphenols of Royal Jelly. Advances in Materials Science and Engineering, 2022, 2022, 1-8.	1.8	1