

# Di Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2640987/publications.pdf>

Version: 2024-02-01

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	HS-GC-IMS and ATR-FT-MIR Analysis Reveal the Differences in Volatile Compounds, Proteins, and Polyphenols of Royal Jelly. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-8.	1.8	1
2	An antagonistic pleiotropic gene regulates the reproduction and longevity tradeoff. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2120311119.	7.1	11
3	A SNP of bacterial <i>blc</i> disturbs gut lysophospholipid homeostasis and induces inflammation through epithelial barrier disruption. <i>EBioMedicine</i> , 2020, 52, 102652.	6.1	22
4	Inhibition of PAR-1 delays aging via activating AMPK in <i>C. elegans</i> . <i>Aging</i> , 2020, 12, 25700-25717.	3.1	5
5	Translational Regulation of Non-autonomous Mitochondrial Stress Response Promotes Longevity. <i>Cell Reports</i> , 2019, 28, 1050-1062.e6.	6.4	50
6	Construction of a germline-specific RNAi tool in <i>C. elegans</i> . <i>Scientific Reports</i> , 2019, 9, 2354.	3.3	60
7	LIN-28 balances longevity and germline stem cell number in <i>Caenorhabditis elegans</i> through let-7<sup>AKT</sup>/DAF-16 axis. <i>Aging Cell</i> , 2017, 16, 113-124.	6.7	18
8	Cytotoxic and antioxidant activities of <i>Macfadyena unguis-cati</i> L. aerial parts and bioguided isolation of the antitumor active components. <i>Industrial Crops and Products</i> , 2017, 107, 531-538.	5.2	10
9	Effect of Major Royal Jelly Proteins on Spatial Memory in Aged Rats: Metabolomics Analysis in Urine. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3151-3159.	5.2	30
10	Supplementation with Major Royal-Jelly Proteins Increases Lifespan, Feeding, and Fecundity in <i>Drosophila</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 5803-5812.	5.2	55
11	Î²-Dihydroagarofuran-Type Sesquiterpenes from the Seeds of <i>Celastrus monospermus</i> and Their Lifespan-Extending Effects on the Nematode <i>Caenorhabditis elegans</i> . <i>Journal of Natural Products</i> , 2016, 79, 3039-3046.	3.0	28
12	Evaluation of the major royal jelly proteins as an alternative to fetal bovine serum in culturing human cell lines. <i>Journal of Zhejiang University: Science B</i> , 2016, 17, 476-483.	2.8	12
13	A Systems Approach to Reverse Engineer Lifespan Extension by Dietary Restriction. <i>Cell Metabolism</i> , 2016, 23, 529-540.	16.2	67
14	Molecular mechanisms of dietary restriction in aging—insights from <i>Caenorhabditis elegans</i> research. <i>Science China Life Sciences</i> , 2015, 58, 352-358.	4.9	8
15	Germline Signaling Mediates the Synergistically Prolonged Longevity Produced by Double Mutations in <i>daf-2</i> and <i>rsk-1</i> in <i>C. elegans</i> . <i>Cell Reports</i> , 2013, 5, 1600-1610.	6.4	112
16	Life Span Extension via eIF4G Inhibition Is Mediated by Posttranscriptional Remodeling of Stress Response Gene Expression in <i>C. elegans</i> . <i>Cell Metabolism</i> , 2011, 14, 55-66.	16.2	124
17	With TOR, Less Is More: A Key Role for the Conserved Nutrient-Sensing TOR Pathway in Aging. <i>Cell Metabolism</i> , 2010, 11, 453-465.	16.2	592
18	HIF-1 Modulates Dietary Restriction-Mediated Lifespan Extension via IRE-1 in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2009, 5, e1000486.	3.5	232

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19	Inhibition of mRNA translation extends lifespan in <i>Caenorhabditis elegans</i> . <i>Aging Cell</i> , 2007, 6, 111-119.	6.7	464
20	Longevity determined by developmental arrest genes in <i>Caenorhabditis elegans</i> . <i>Aging Cell</i> , 2007, 6, 525-533.	6.7	126
21	The TOR pathway interacts with the insulin signaling pathway to regulate <i>C. elegans</i> larval development, metabolism and life span. <i>Development (Cambridge)</i> , 2004, 131, 3897-3906.	2.5	612