

# Chang-Shi Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,078  
citations

394421

19  
h-index

414414

32  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1533  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of electrotactic exercise and antioxidant EUK-134 on oxidative stress relief in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2021, 16, e0245474.	2.5	1
2	Host CDK-1 and formin mediate microvillar effacement induced by enterohemorrhagic <i>Escherichia coli</i> . <i>Nature Communications</i> , 2021, 12, 90.	12.8	5
3	Iron Acquisition of Urinary Tract Infection <i>Escherichia coli</i> Involves Pathogenicity in <i>Caenorhabditis elegans</i> . <i>Microorganisms</i> , 2021, 9, 310.	3.6	6
4	OmpR coordinates the expression of virulence factors of Enterohemorrhagic <i>Escherichia coli</i> in the alimentary tract of <i>Caenorhabditis elegans</i> . <i>Molecular Microbiology</i> , 2021, 116, 168-183.	2.5	7
5	The conserved regulator of autophagy and innate immunity <i>hlh-30/TFEB</i> mediates tolerance of enterohemorrhagic <i>Escherichia coli</i> in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2021, 217, 1-17.	2.9	2
6	The role of the bacterial protease Prc in the uropathogenesis of extraintestinal pathogenic <i>Escherichia coli</i> . <i>Journal of Biomedical Science</i> , 2020, 27, 14.	7.0	24
7	IGLR-2, a Leucine-Rich Repeat Domain Containing Protein, Is Required for the Host Defense in <i>Caenorhabditis elegans</i> . <i>Frontiers in Immunology</i> , 2020, 11, 561337.	4.8	4
8	<i>UvrY</i> is required for the full virulence of <i>Aeromonas dhakensis</i> . <i>Virulence</i> , 2020, 11, 502-520.	4.4	9
9	Worms on a Chip. <i>Bioanalysis</i> , 2019, , 151-196.	0.1	0
10	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	3.0	15
11	A multi-omic analysis reveals the role of fumarate in regulating the virulence of enterohemorrhagic <i>Escherichia coli</i> . <i>Cell Death and Disease</i> , 2018, 9, 381.	6.3	24
12	Detection of Enterohemorrhagic <i>Escherichia Coli</i> Colonization in Murine Host by Non-invasive <i>In Vivo</i> Bioluminescence System. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	0
13	Evaluating Virulence and Pathogenesis of <i>Aeromonas</i> Infection in a <i>Caenorhabditis elegans</i> Model. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	6
14	Rationally designed divalent caffeic amides inhibit amyloid- $\beta^2$ fibrillization, induce fibril dissociation, and ameliorate cytotoxicity. <i>European Journal of Medicinal Chemistry</i> , 2018, 158, 393-404.	5.5	11
15	RIOK-1 Is a Suppressor of the p38 MAPK Innate Immune Pathway in <i>Caenorhabditis elegans</i> . <i>Frontiers in Immunology</i> , 2018, 9, 774.	4.8	15
16	Design and Synthesis of Malonamide Derivatives as Antibiotics against Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Molecules</i> , 2018, 23, 27.	3.8	9
17	HLH-30/TFEB-mediated autophagy functions in a cell-autonomous manner for epithelium intrinsic cellular defense against bacterial pore-forming toxin in <i>C. elegans</i> . <i>Autophagy</i> , 2017, 13, 371-385.	9.1	46
18	Neuroprotective Effects of Betulin in Pharmacological and Transgenic <i>Caenorhabditis elegans</i> Models of Parkinson's Disease. <i>Cell Transplantation</i> , 2017, 26, 1903-1918.	2.5	38

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19	A Disease Model of Muscle Necrosis Caused by <i>Aeromonas dhakensis</i> Infection in <i>Caenorhabditis elegans</i> . <i>Frontiers in Microbiology</i> , 2017, 7, 2058.	3.5	13
20	Neuroprotective Effects of Betulin in Pharmacological and Transgenic <i>C. elegans</i> Models of Parkinson's Disease. <i>Cell Transplantation</i> , 2017, , .	2.5	1
21	Mutation of the Enterohemorrhagic <i>Escherichia coli</i> Core LPS Biosynthesis Enzyme RfaD Confers Hypersusceptibility to Host Intestinal Innate Immunity <i>In vivo</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 82.	3.9	23
22	Exercise in an electrotactic flow chamber ameliorates age-related degeneration in <i>Caenorhabditis elegans</i> . <i>Scientific Reports</i> , 2016, 6, 28064.	3.3	46
23	<i>In vitro</i> and <i>in vivo</i> activity of a novel sorafenib derivative SC5005 against MRSA. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 449-459.	3.0	24
24	Loss of DNase II function in the gonad is associated with a higher expression of antimicrobial genes in <i>Caenorhabditis elegans</i> . <i>Biochemical Journal</i> , 2015, 470, 145-154.	3.7	11
25	<i>Aeromonas</i> stool isolates from individuals with or without diarrhea in southern Taiwan: Predominance of <i>Aeromonas veronii</i> . <i>Journal of Microbiology, Immunology and Infection</i> , 2015, 48, 618-624.	3.1	35
26	n-Butylidenephthalide Protects against Dopaminergic Neuron Degeneration and $\alpha$ -Synuclein Accumulation in <i>Caenorhabditis elegans</i> Models of Parkinson's Disease. <i>PLoS ONE</i> , 2014, 9, e85305.	2.5	69
27	Virulence Diversity among Bacteremic <i>Aeromonas</i> Isolates: Ex Vivo, Animal, and Clinical Evidences. <i>PLoS ONE</i> , 2014, 9, e111213.	2.5	37
28	MicroRNA-18a is elevated in prostate cancer and promotes tumorigenesis through suppressing STK4 <i>in vitro</i> and <i>in vivo</i> . <i>Oncogenesis</i> , 2014, 3, e99-e99.	4.9	91
29	A comparative study of clinical <i>Aeromonas dhakensis</i> and <i>Aeromonas hydrophila</i> isolates in southern Taiwan: <i>A. dhakensis</i> is more predominant and virulent. <i>Clinical Microbiology and Infection</i> , 2014, 20, O428-O434.	6.0	66
30	Acetylcorynoline attenuates dopaminergic neuron degeneration and $\alpha$ -synuclein aggregation in animal models of Parkinson's disease. <i>Neuropharmacology</i> , 2014, 82, 108-120.	4.1	50
31	Immobilization of the nematode <i>Caenorhabditis elegans</i> with addressable light-induced heat knockdown (ALINK). <i>Lab on A Chip</i> , 2013, 13, 2980.	6.0	15
32	Enterohaemorrhagic <i>Escherichia coli</i> O157:H7 Shiga-like toxin 1 is required for full pathogenicity and activation of the p38 mitogen-activated protein kinase pathway in <i>Caenorhabditis elegans</i> . <i>Cellular Microbiology</i> , 2013, 15, 82-97.	2.1	56
33	SESN-1 is a positive regulator of lifespan in <i>Caenorhabditis elegans</i> . <i>Experimental Gerontology</i> , 2013, 48, 371-379.	2.8	70
34	Genome Sequence of a Novel Human Pathogen, <i>Aeromonas aquariorum</i> . <i>Journal of Bacteriology</i> , 2012, 194, 4114-4115.	2.2	35
35	WWP-1 Is a Novel Modulator of the DAF-2 Insulin-Like Signaling Network Involved in Pore-Forming Toxin Cellular Defenses in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2010, 5, e9494.	2.5	49
36	Hypoxia and the Hypoxic Response Pathway Protect against Pore-Forming Toxins in <i>C. elegans</i> . <i>PLoS Pathogens</i> , 2009, 5, e1000689.	4.7	96

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37	Expression of Cry5B protein from <i>Bacillus thuringiensis</i> in plant roots confers resistance to root-knot nematode. <i>Biological Control</i> , 2008, 47, 97-102.	3.0	69