

# Cheng-Gang Zou

## List of Publications by Year in descending order

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24  
papers

934  
citations

471371

17  
h-index

610775

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1566  
citing authors

#	ARTICLE	IF	CITATIONS
1	Survival and infectivity of second-stage root-knot nematode <i>Meloidogyne incognita</i> juveniles depend on lysosome-mediated lipolysis. <i>Journal of Biological Chemistry</i> , 2022, 298, 101637.	1.6	5
2	TOR functions as a molecular switch connecting an iron cue with host innate defense against bacterial infection. <i>PLoS Genetics</i> , 2021, 17, e1009383.	1.5	3
3	YAP in epithelium senses gut barrier loss to deploy defenses against pathogens. <i>PLoS Pathogens</i> , 2020, 16, e1008766.	2.1	16
4	Adiponectin receptor PAQR-2 signaling senses low temperature to promote <i>C. elegans</i> longevity by regulating autophagy. <i>Nature Communications</i> , 2019, 10, 2602.	5.8	61
5	MicroRNA-30b regulates insulin sensitivity by targeting SERCA2b in non-alcoholic fatty liver disease. <i>Liver International</i> , 2019, 39, 1504-1513.	1.9	32
6	Signal pathways involved in microbe-nematode interactions provide new insights into the biocontrol of plant-parasitic nematodes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180317.	1.8	32
7	Ameliorative effects of Compound K and ginsenoside Rh1 on non-alcoholic fatty liver disease in rats. <i>Scientific Reports</i> , 2017, 7, 41144.	1.6	28
8	The cAMP-PKA pathway-mediated fat mobilization is required for cold tolerance in <i>C. elegans</i> . <i>Scientific Reports</i> , 2017, 7, 638.	1.6	41
9	mir-67 regulates <i>P. aeruginosa</i> avoidance behavior in <i>C. elegans</i> . <i>Biochemical and Biophysical Research Communications</i> , 2017, 494, 120-125.	1.0	8
10	The NADPH oxidase AoNoxA in <i>Arthrobotrys oligospora</i> functions as an initial factor in the infection of <i>Caenorhabditis elegans</i> . <i>Journal of Microbiology</i> , 2017, 55, 885-891.	1.3	19
11	Octopamine connects nutrient cues to lipid metabolism upon nutrient deprivation. <i>Science Advances</i> , 2016, 2, e1501372.	4.7	32
12	<i>Pseudomonas</i> toxin pyocyanin triggers autophagy: Implications for pathoadaptive mutations. <i>Autophagy</i> , 2016, 12, 1015-1028.	4.3	20
13	mir-233 Modulates the Unfolded Protein Response in <i>C. elegans</i> during <i>Pseudomonas aeruginosa</i> Infection. <i>PLoS Pathogens</i> , 2015, 11, e1004606.	2.1	47
14	Bacteria can mobilize nematode-trapping fungi to kill nematodes. <i>Nature Communications</i> , 2014, 5, 5776.	5.8	85
15	Autophagy protects <i>C. elegans</i> against necrosis during <i>Pseudomonas aeruginosa</i> infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12480-12485.	3.3	60
16	Autophagy is required for trap formation in the nematode-trapping fungus <i>Arthrobotrys oligospora</i> . <i>Environmental Microbiology Reports</i> , 2013, 5, 511-517.	1.0	35
17	TRB3 mediates homocysteine-induced inhibition of endothelial cell proliferation. <i>Journal of Cellular Physiology</i> , 2011, 226, 2782-2789.	2.0	15
18	PacC in the nematophagous fungus <i>Clonostachys rosea</i> controls virulence to nematodes. <i>Environmental Microbiology</i> , 2010, 12, 1868-1877.	1.8	48

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19	Regulation of subtilisin-like protease <i>prC</i> expression by nematode cuticle in the nematophagous fungus <i>Clonostachys rosea</i> . <i>Environmental Microbiology</i> , 2010, 12, 3243-3252.	1.8	36
20	Expression of a Serine Protease Gene <i>prC</i> Is Up-Regulated by Oxidative Stress in the Fungus <i>Clonostachys rosea</i> : Implications for Fungal Survival. <i>PLoS ONE</i> , 2010, 5, e13386.	1.1	21
21	The Molecular Mechanism of Endoplasmic Reticulum Stress-Induced Apoptosis in PC-12 Neuronal Cells: The Protective Effect of Insulin-Like Growth Factor I. <i>Endocrinology</i> , 2009, 150, 277-285.	1.4	81
22	Homocysteine and Redox Signaling. <i>Antioxidants and Redox Signaling</i> , 2005, 7, 547-559.	2.5	134
23	Tumor Necrosis Factor- $\alpha$ -induced Targeted Proteolysis of Cystathionine $\beta$ -Synthase Modulates Redox Homeostasis. <i>Journal of Biological Chemistry</i> , 2003, 278, 16802-16808.	1.6	71
24	Association Between Homocysteine and Type 2 Diabetes Mellitus: a Systematic Review and Meta-analysis. <i>International Journal of Diabetes in Developing Countries</i> , 0, , 1.	0.3	1