Cheng-Gang Zou

List of Publications by Year
in descending order

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Version: 2024-02-01

24	934	471371 17	610775 24
papers	citations	h-index	g-index

25	25	25	1566
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Homocysteine and Redox Signaling. Antioxidants and Redox Signaling, 2005, 7, 547-559.	2.5	134
2	Bacteria can mobilize nematode-trapping fungi to kill nematodes. Nature Communications, 2014, 5, 5776.	5.8	85
3	The Molecular Mechanism of Endoplasmic Reticulum Stress-Induced Apoptosis in PC-12 Neuronal Cells: The Protective Effect of Insulin-Like Growth Factor I. Endocrinology, 2009, 150, 277-285.	1.4	81
4	Tumor Necrosis Factor-Î±-induced Targeted Proteolysis of Cystathionine à”-Synthase Modulates Redox Homeostasis. Journal of Biological Chemistry, 2003, 278, 16802-16808.	1.6	71
5	Adiponectin receptor PAQR-2 signaling senses low temperature to promote C. elegans longevity by regulating autophagy. Nature Communications, 2019, 10, 2602.	5.8	61
6	Autophagy protects C. elegans against necrosis during Pseudomonas aeruginosa infection. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12480-12485.	3.3	60
7	PacC in the nematophagous fungus Clonostachys rosea controls virulence to nematodes. Environmental Microbiology, 2010, 12, 1868-1877.	1.8	48
8	mir-233 Modulates the Unfolded Protein Response in C. elegans during Pseudomonas aeruginosa Infection. PLoS Pathogens, 2015, 11, e1004606.	2.1	47
9	The cAMP-PKA pathway-mediated fat mobilization is required for cold tolerance in C. elegans. Scientific Reports, 2017, 7, 638.	1.6	41
10	Regulation of subtilisinâ€like protease prC expression by nematode cuticle in the nematophagous fungus Clonostachys rosea. Environmental Microbiology, 2010, 12, 3243-3252.	1.8	36
11	Autophagy is required for trap formation in the nematodeâ€trapping fungus <scp>A</scp>rthrobotrys oligospora. Environmental Microbiology Reports, 2013, 5, 511-517.	1.0	35
12	Octopamine connects nutrient cues to lipid metabolism upon nutrient deprivation. Science Advances, 2016, 2, e1501372.	4.7	32
13	MicroRNAâ€30b regulates insulin sensitivity by targeting SERCA2b in nonâ€alcoholic fatty liver disease. Liver International, 2019, 39, 1504-1513.	1.9	32
14	Signal pathways involved in microbeâ€“nematode interactions provide new insights into the biocontrol of plant-parasitic nematodes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180317.	1.8	32
15	Ameliorative effects of Compound K and ginsenoside Rh1 on non-alcoholic fatty liver disease in rats. Scientific Reports, 2017, 7, 41144.	1.6	28
16	Expression of a Serine Protease Gene prC Is Up-Regulated by Oxidative Stress in the Fungus Clonostachys rosea: Implications for Fungal Survival. PLoS ONE, 2010, 5, e13386.	1.1	21
17	Pseudomonas toxin pyocyanin triggers autophagy: Implications for pathoadaptive mutations. Autophagy, 2016, 12, 1015-1028.	4.3	20
18	The NADPH oxidase AoNoxA in Arthrobotrys oligospora functions as an initial factor in the infection of Caenorhabditis elegans. Journal of Microbiology, 2017, 55, 885-891.	1.3	19

#	Article	IF	Citations
19	YAP in epithelium senses gut barrier loss to deploy defenses against pathogens. PLoS Pathogens, 2020, 16, e1008766.	2.1	16
20	TRB3 mediates homocysteineâ€induced inhibition of endothelial cell proliferation. Journal of Cellular Physiology, 2011, 226, 2782-2789.	2.0	15
21	mir-67 regulates P.Âaeruginosa avoidance behavior in C.Âelegans. Biochemical and Biophysical Research Communications, 2017, 494, 120-125.	1.0	8
22	Survival and infectivity of second-stage root-knot nematode Meloidogyne incognita juveniles depend on lysosome-mediated lipolysis. Journal of Biological Chemistry, 2022, 298, 101637.	1.6	5
23	TOR functions as a molecular switch connecting an iron cue with host innate defense against bacterial infection. PLoS Genetics, 2021, 17, e1009383.	1.5	3
24	Association Between Homocysteine and Type 2 Diabetes Mellitus: a Systematic Review and Meta-analysis. International Journal of Diabetes in Developing Countries, 0, , 1.	0.3	1