

# Xiaowei Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7392650/publications.pdf>

Version: 2024-02-01

26  
papers

957  
citations

687220

13  
h-index

610775

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1103  
citing authors

#	ARTICLE	IF	CITATIONS
1	The signaling pathway of levamisole-sensitive-acetylcholine receptors involved in short-term forgetting of <i>Caenorhabditis elegans</i> . <i>Molecular Genetics and Genomics</i> , 2022, 297, 1027-1038.	1.0	2
2	Deficiency of Innate Immunity against <i>Pseudomonas aeruginosa</i> Enhances Behavioral Avoidance via the HECW-1/NPR-1 Module in <i>Caenorhabditis elegans</i> . <i>Infection and Immunity</i> , 2021, 89, e0006721.	1.0	0
3	A trade-off switch of two immunological memories in <i>Caenorhabditis elegans</i> reinfected by bacterial pathogens. <i>Journal of Biological Chemistry</i> , 2020, 295, 17323-17336.	1.6	4
4	Multiple olfactory pathways contribute to the lure process of <i>Caenorhabditis elegans</i> by pathogenic bacteria. <i>Science China Life Sciences</i> , 2020, 64, 1346-1354.	2.3	6
5	Forward genetic screening of a novel gene <i>hmgs-1</i> Involved in Alzheimer Disease Pathogenesis in a transgenic <i>Caenorhabditis elegans</i> model. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 141-147.	1.0	3
6	A dual-model SERS and RRS analytical platform for Pb(II) based on Ag-doped carbon dot catalytic amplification and aptamer regulation. <i>Scientific Reports</i> , 2019, 9, 9991.	1.6	12
7	Biosynthesis of the Nematode Attractant 2-Heptanone and Its Co-evolution Between the Pathogenic Bacterium <i>Bacillus nematocida</i> and Non-pathogenic Bacterium <i>Bacillus subtilis</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1489.	1.5	12
8	Sensor kinase KinB and its pathway-associated key factors sense the signal of nutrition starvation in sporulation of <i>Bacillus subtilis</i> . <i>MicrobiologyOpen</i> , 2018, 7, e00566.	1.2	9
9	The roles of actin cytoskeleton and actin-associated protein Crn1p in trap formation of <i>Arthrobotrys oligospora</i> . <i>Research in Microbiology</i> , 2017, 168, 655-663.	1.0	7
10	Changes in intestinal microflora of <i>Caenorhabditis elegans</i> following <i>Bacillus nematocida</i> B16 infection. <i>Scientific Reports</i> , 2016, 6, 20178.	1.6	21
11	The Signaling Pathway of <i>Caenorhabditis elegans</i> Mediates Chemotaxis Response to the Attractant 2-Heptanone in a Trojan Horse-like Pathogenesis. <i>Journal of Biological Chemistry</i> , 2016, 291, 23618-23627.	1.6	41
12	Knockout of the <i>adp-1</i> gene related with colonization in <i>Bacillus nematocida</i> using customized transcription activator-like effectors nucleases. <i>Microbial Biotechnology</i> , 2015, 8, 681-692.	2.0	10
13	Eukaryote-like Ser/Thr protein kinase PrkA modulates sporulation via regulating the transcriptional factor <i>lfpK</i> in <i>Bacillus subtilis</i> . <i>Frontiers in Microbiology</i> , 2015, 06, 382.	1.5	14
14	A novel role for the alcohol sensitive ring/PHD finger protein <i>Asr1p</i> in regulating cell cycle mediated by septin-dependent assembly in yeast. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 208-213.	1.0	4
15	Microbial Control of Phytopathogenic Nematodes. , 2015, , 155-164.		6
16	The olfactory signal transduction for attractive odorants in <i>Caenorhabditis elegans</i> . <i>Biotechnology Advances</i> , 2014, 32, 290-295.	6.0	21
17	The highly modified microcin peptide plantazolicin is associated with nematicidal activity of <i>Bacillus amyloliquefaciens</i> FZB42. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 10081-10090.	1.7	83
18	The ComP-ComA Quorum System Is Essential For "Trojan horse"-Like Pathogenesis in <i>Bacillus nematocida</i> . <i>PLoS ONE</i> , 2013, 8, e76920.	1.1	17

#	ARTICLE	IF	CITATIONS
19	Isolation and Characterization of a Novel Endoglucanase from a Bursaphelenchus xylophilus Metagenomic Library. PLoS ONE, 2013, 8, e82437.	1.1	23
20	Pathway and Molecular Mechanisms for Malachite Green Biodegradation in Exiguobacterium sp. MG2. PLoS ONE, 2012, 7, e51808.	1.1	49
21	Genomic and Proteomic Analyses of the Fungus Arthrobotrys oligospora Provide Insights into Nematode-Trap Formation. PLoS Pathogens, 2011, 7, e1002179.	2.1	239
22	Crystal structure and mutagenesis analysis of chitinase CrChi1 from the nematophagous fungus Clonostachys rosea in complex with the inhibitor caffeine. Microbiology (United Kingdom), 2010, 156, 3566-3574.	0.7	50
23	A Trojan horse mechanism of bacterial pathogenesis against nematodes. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 16631-16636.	3.3	121
24	Functional identification of the gene bace16 from nematophagous bacterium Bacillus nematocida. Applied Microbiology and Biotechnology, 2007, 75, 141-148.	1.7	29
25	A neutral protease from Bacillus nematocida, another potential virulence factor in the infection against nematodes. Archives of Microbiology, 2006, 185, 439-448.	1.0	55
26	An extracellular protease from Brevibacillus laterosporus G4 without parasporal crystals can serve as a pathogenic factor in infection of nematodes. Research in Microbiology, 2005, 156, 719-727.	1.0	119