

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 | Genomic and Proteomic Analyses of the Fungus <i>Arthrobotrys oligospora</i> Provide Insights into Nematode-Trap Formation. <i>PLoS Pathogens</i> , 2011, 7, e1002179. | 2.1 | 239 |
| 2 | A Trojan horse mechanism of bacterial pathogenesis against nematodes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16631-16636. | 3.3 | 121 |
| 3 | An extracellular protease from <i>Brevibacillus laterosporus</i> G4 without parasporal crystals can serve as a pathogenic factor in infection of nematodes. <i>Research in Microbiology</i> , 2005, 156, 719-727. | 1.0 | 119 |
| 4 | The highly modified microcin peptide plantazolicin is associated with nematocidal activity of <i>Bacillus amyloliquefaciens</i> FZB42. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 10081-10090. | 1.7 | 83 |
| 5 | A neutral protease from <i>Bacillus nematocida</i> , another potential virulence factor in the infection against nematodes. <i>Archives of Microbiology</i> , 2006, 185, 439-448. | 1.0 | 55 |
| 6 | Crystal structure and mutagenesis analysis of chitinase CrChi1 from the nematophagous fungus <i>Clonostachys rosea</i> in complex with the inhibitor caffeine. <i>Microbiology (United Kingdom)</i> , 2010, 156, 3566-3574. | 0.7 | 50 |
| 7 | Pathway and Molecular Mechanisms for Malachite Green Biodegradation in <i>Exiguobacterium</i> sp. MG2. <i>PLoS ONE</i> , 2012, 7, e51808. | 1.1 | 49 |
| 8 | 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 |
| 9 | Functional identification of the gene <i>bace16</i> from nematophagous bacterium <i>Bacillus nematocida</i> . <i>Applied Microbiology and Biotechnology</i> , 2007, 75, 141-148. | 1.7 | 29 |
| 10 | Isolation and Characterization of a Novel Endoglucanase from a <i>Bursaphelenchus xylophilus</i> Metagenomic Library. <i>PLoS ONE</i> , 2013, 8, e82437. | 1.1 | 23 |
| 11 | The olfactory signal transduction for attractive odorants in <i>Caenorhabditis elegans</i> . <i>Biotechnology Advances</i> , 2014, 32, 290-295. | 6.0 | 21 |
| 12 | 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 |
| 13 | 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 |
| 14 | Eukaryote-like Ser/Thr protein kinase PrkA modulates sporulation via regulating the transcriptional factor <i>ÎfK</i> in <i>Bacillus subtilis</i> . <i>Frontiers in Microbiology</i> , 2015, 06, 382. | 1.5 | 14 |
| 15 | 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 |
| 16 | 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 |
| 17 | Knockout of the <i>adp</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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | Microbial Control of Phytopathogenic Nematodes. , 2015, , 155-164. | | 6 |
| 22 | A novel role for the alcohol sensitive ring/PHD finger protein Asr1p 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |