

Yinyue Deng

List of Publications by Year in descending order

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47
papers

2,447
citations

270111

25
h-index

242451

47
g-index

48
all docs

48
docs citations

48
times ranked

2643
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural analyses of the AAA+ ATPase domain of the transcriptional regulator GtrR in the BDSF quorum-sensing system in <i>Burkholderia cenocepacia</i> . FEBS Letters, 2022, 596, 71-80.	1.3	3
2	The <i>cis</i> -2-Dodecenoic Acid (BDSF) Quorum Sensing System in <i>Burkholderia cenocepacia</i> . Applied and Environmental Microbiology, 2022, 88, aem0234221.	1.4	8
3	An anthranilic acid-responsive transcriptional regulator controls the physiology and pathogenicity of <i>Ralstonia solanacearum</i> . PLoS Pathogens, 2022, 18, e1010562.	2.1	10
4	Proline utilization A controls bacterial pathogenicity by sensing its substrate and cofactors. Communications Biology, 2022, 5, .	2.0	5
5	The Cell-Cell Communication Signal Indole Controls the Physiology and Interspecies Communication of <i>Acinetobacter baumannii</i> . Microbiology Spectrum, 2022, 10, .	1.2	9
6	Antifungal activity of hypocrellin compounds and their synergistic effects with antimicrobial agents against <i>Candida albicans</i> . Microbial Biotechnology, 2021, 14, 430-443.	2.0	18
7	A ProQ/FinO family protein involved in plasmid copy number control favours fitness of bacteria carrying <i>mcr-1</i> -bearing IncI2 plasmids. Nucleic Acids Research, 2021, 49, 3981-3996.	6.5	34
8	A LysR Family Transcriptional Regulator Modulates <i>Burkholderia cenocepacia</i> Biofilm Formation and Protease Production. Applied and Environmental Microbiology, 2021, 87, e0020221.	1.4	14
9	Orchestrated actin nucleation by the <i>Candida albicans</i> polarisome complex enables filamentous growth. Journal of Biological Chemistry, 2020, 295, 14840-14854.	1.6	16
10	Anthranilic acid from <i>Ralstonia solanacearum</i> plays dual roles in intraspecies signalling and inter-kingdom communication. ISME Journal, 2020, 14, 2248-2260.	4.4	21
11	<i>Ralstonia solanacearum</i> promotes pathogenicity by utilizing <i>scpA</i> -glutamic acid from host plants. Molecular Plant Pathology, 2020, 21, 1099-1110.	2.0	35
12	Efficacy of Compounds Isolated from <i>Streptomyces olivaceus</i> against the Morphogenesis and Virulence of <i>Candida albicans</i> . Marine Drugs, 2019, 17, 442.	2.2	10
13	Population dynamics and transcriptomic responses of <i>Pseudomonas aeruginosa</i> in a complex laboratory microbial community. Npj Biofilms and Microbiomes, 2019, 5, 1.	2.9	60
14	Inhibition of Yeast-to-Hypha Transition and Virulence of <i>Candida albicans</i> by 2-Alkylaminoquinoline Derivatives. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	22
15	Disruption of Quorum Sensing and Virulence in <i>Burkholderia cenocepacia</i> by a Structural Analogue of the <i>cis</i> -2-Dodecenoic Acid Signal. Applied and Environmental Microbiology, 2019, 85, .	1.4	27
16	<i>Xanthomonas campestris</i> Promotes Diffusible Signal Factor Biosynthesis and Pathogenicity by Utilizing Glucose and Sucrose from Host Plants. Molecular Plant-Microbe Interactions, 2019, 32, 157-166.	1.4	12
17	Mycophenolic Acid as a Promising Fungal Dimorphism Inhibitor to Control Sugar Cane Disease Caused by <i>Sporisorium scitamineum</i> . Journal of Agricultural and Food Chemistry, 2019, 67, 112-119.	2.4	7
18	Cobalt-Catalyzed Selective Functionalization of Aniline Derivatives with Hexafluoroisopropanol. Organic Letters, 2019, 21, 218-222.	2.4	17

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19	A novel two-component system modulates quorum sensing and pathogenicity in <i>Burkholderia cenocepacia</i> . <i>Molecular Microbiology</i> , 2018, 108, 32-44.	1.2	30
20	(1-eryloxy-2-hydroxypropyl)-phenylpiperazine derivatives suppress <i>Candida albicans</i> virulence by interfering with morphological transition. <i>Microbial Biotechnology</i> , 2018, 11, 1080-1089.	2.0	11
21	Identification of Cyclic Dipeptides from <i>Escherichia coli</i> as New Antimicrobial Agents against <i>Ralstonia Solanacearum</i> . <i>Molecules</i> , 2018, 23, 214.	1.7	17
22	<i>Burkholderia cenocepacia</i> integrates <i>cis</i> -2-dodecenoic acid and cyclic dimeric guanosine monophosphate signals to control virulence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13006-13011.	3.3	54
23	Modulation of Inter-kingdom Communication by PhcBSR Quorum Sensing System in <i>Ralstonia solanacearum</i> Phylotype I Strain GM1000. <i>Frontiers in Microbiology</i> , 2017, 8, 1172.	1.5	13
24	Cytoglobosins H and I, New Antiproliferative Cytochalasans from Deep-Sea-Derived Fungus <i>Chaetomium globosum</i> . <i>Marine Drugs</i> , 2016, 14, 233.	2.2	29
25	Genomic Analysis of Phylotype I Strain EP1 Reveals Substantial Divergence from Other Strains in the <i>Ralstonia solanacearum</i> Species Complex. <i>Frontiers in Microbiology</i> , 2016, 7, 1719.	1.5	39
26	A Cyclic di-GMP-binding Adaptor Protein Interacts with Histidine Kinase to Regulate Two-component Signaling. <i>Journal of Biological Chemistry</i> , 2016, 291, 16112-16123.	1.6	40
27	A Sfp-type phosphopantetheinyl transferase ZmsO is essential for zeamines production and the virulence of <i>Dickeya zeae</i> . <i>European Journal of Plant Pathology</i> , 2016, 146, 937-948.	0.8	1
28	Diffusible signal factor family signals provide a fitness advantage to <i>Xanthomonas campestris</i> pv. <i>campestris</i> in interspecies competition. <i>Environmental Microbiology</i> , 2016, 18, 1534-1545.	1.8	30
29	Pathway and kinetics of cyhalothrin biodegradation by <i>Bacillus thuringiensis</i> strain ZS-19. <i>Scientific Reports</i> , 2015, 5, 8784.	1.6	99
30	The Host Plant Metabolite Glucose Is the Precursor of Diffusible Signal Factor (DSF) Family Signals in <i>Xanthomonas campestris</i> . <i>Applied and Environmental Microbiology</i> , 2015, 81, 2861-2868.	1.4	33
31	Fenprothrin Biodegradation Pathway in <i>Bacillus</i> sp. DG-02 and Its Potential for Bioremediation of Pyrethroid-Contaminated Soils. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 2147-2157.	2.4	108
32	Diffusible signal factor (DSF) quorum sensing signal and structurally related molecules enhance the antimicrobial efficacy of antibiotics against some bacterial pathogens. <i>BMC Microbiology</i> , 2014, 14, 51.	1.3	67
33	<i>Cis</i> -2-dodecenoic acid quorum sensing system modulates N-acyl homoserine lactone production through RpfR and cyclic di-GMP turnover in <i>Burkholderia cenocepacia</i> . <i>BMC Microbiology</i> , 2013, 13, 148.	1.3	33
34	Characterization of a novel cyfluthrin-degrading bacterial strain <i>Brevibacterium aureum</i> and its biochemical degradation pathway. <i>Bioresource Technology</i> , 2013, 132, 16-23.	4.8	124
35	A cell-cell communication signal integrates quorum sensing and stress response. <i>Nature Chemical Biology</i> , 2013, 9, 339-343.	3.9	354
36	<i>Cis</i> -2-dodecenoic acid signal modulates virulence of <i>Pseudomonas aeruginosa</i> through interference with quorum sensing systems and T3SS. <i>BMC Microbiology</i> , 2013, 13, 231.	1.3	46

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37	<i>Pseudomonas aeruginosa</i> Cytotoxicity Is Attenuated at High Cell Density and Associated with the Accumulation of Phenylacetic Acid. PLoS ONE, 2013, 8, e60187.	1.1	24
38	Monoxygenase, a Novel Beta-Cypermethrin Degrading Enzyme from <i>Streptomyces</i> sp. PLoS ONE, 2013, 8, e75450.	1.1	30
39	Cis-2-dodecenoic acid receptor RpfR links quorum-sensing signal perception with regulation of virulence through cyclic dimeric guanosine monophosphate turnover. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15479-15484.	3.3	145
40	The AHL- and BDSF-Dependent Quorum Sensing Systems Control Specific and Overlapping Sets of Genes in <i>Burkholderia cenocepacia</i> H111. PLoS ONE, 2012, 7, e49966.	1.1	70
41	ARF-TSS: an alternative method for identification of transcription start site in bacteria. BioTechniques, 2012, 52, 1-3.	0.8	17
42	Degradation of 3-Phenoxybenzoic Acid by a <i>Bacillus</i> sp. PLoS ONE, 2012, 7, e50456.	1.1	47
43	Listening to a New Language: DSF-Based Quorum Sensing in Gram-Negative Bacteria. Chemical Reviews, 2011, 111, 160-173.	23.0	214
44	Structural and Functional Characterization of Diffusible Signal Factor Family Quorum-Sensing Signals Produced by Members of the <i>Burkholderia cepacia</i> Complex. Applied and Environmental Microbiology, 2010, 76, 4675-4683.	1.4	110
45	Differential Modulation of <i>Burkholderia cenocepacia</i> Virulence and Energy Metabolism by the Quorum-Sensing Signal BDSF and Its Synthase. Journal of Bacteriology, 2009, 191, 7270-7278.	1.0	53
46	A novel DSF-like signal from <i>Burkholderia cenocepacia</i> interferes with <i>Candida albicans</i> morphological transition. ISME Journal, 2008, 2, 27-36.	4.4	250
47	Characterization of melanin produced by a wild-type strain of <i>Bacillus cereus</i> . Frontiers of Biology in China: Selected Publications From Chinese Universities, 2007, 2, 26-29.	0.2	30