Shi-Qi An

List of Publications by Year
in descending order

31 papers	1,349 citations	394421 19 h-index	434195 31 g-index
39 all docs	39 docs citations	39 times ranked	1871 citing authors

#	Article	IF	Citations
1	The DSF Family of Cellâ€“Cell Signals: An Expanding Class of Bacterial Virulence Regulators. PLoS Pathogens, 2015, 11, e1004986.	4.7	192
2	An improved bind-n-seq strategy to determine protein-DNA interactions validated using the bacterial transcriptional regulator YipR. BMC Microbiology, 2020, 20, 1.	3.3	162
3	Mechanistic insights into host adaptation, virulence and epidemiology of the phytopathogenXanthomonas. FEMS Microbiology Reviews, 2020, 44, 1-32.	8.6	148
4	Crystal structure of an <scp>HDâ€GYP</scp> domain cyclicâ€diâ€<scp>GMP</scp> phosphodiesterase reveals an enzyme with a novel trinuclear catalytic iron centre. Molecular Microbiology, 2014, 91, 26-38.	2.5	92
5	Stenotrophomonas maltophilia. Trends in Microbiology, 2018, 26, 637-638.	7.7	83
6	Novel Cyclic di-GMP Effectors of the YajQ Protein Family Control Bacterial Virulence. PLoS Pathogens, 2014, 10, e1004429.	4.7	73
7	Microbiota and Metabolite Profiling Reveal Specific Alterations in Bacterial Community Structure and Environment in the Cystic Fibrosis Airway during Exacerbation. PLoS ONE, 2013, 8, e82432.	2.5	66
8	Highâ€resolution transcriptional analysis of the regulatory influence of cellâ€toâ€cell signalling reveals novel genes that contribute to X anthomonas phytopathogenesis. Molecular Microbiology, 2013, 88, 1058-1069.	2.5	51
9	The changing face of asthma and its relation with microbes. Trends in Microbiology, 2015, 23, 408-418.	7.7	47
10	A cyclic GMP-dependent signalling pathway regulates bacterial phytopathogenesis. EMBO Journal, 2013, 32, 2430-2438.	7.8	46
11	The <scp>PAS</scp> domainâ€containing histidine kinase <scp>RpfS</scp> is a second sensor for the diffusible signal factor of <scp>X</scp>anthomonas campestris. Molecular Microbiology, 2014, 92, 586-597.	2.5	45
12	RsmA Regulates Biofilm Formation in Xanthomonas campestris through a Regulatory Network Involving Cyclic di-GMP and the Clp Transcription Factor. PLoS ONE, 2012, 7, e52646.	2.5	42
13	An Adenosine Kinase Exists inXanthomonas campestrisPathovar campestris and Is Involved in Extracellular Polysaccharide Production, Cell Motility, and Virulence. Journal of Bacteriology, 2009, 191, 3639-3648.	2.2	39
14	Modulation of antibiotic sensitivity and biofilm formation in Pseudomonas aeruginosa by interspecies signal analogues. Nature Communications, 2019, 10, 2334.	12.8	36
15	Glyceraldehyde-3-phosphate dehydrogenase of Xanthomonas campestris pv. campestris is required for extracellular polysaccharide production and full virulence. Microbiology (United Kingdom), 2009, 155, 1602-1612.	1.8	35
16	Systematic Mutagenesis of All Predicted gntR Genes in Xanthomonas campestris pv. campestris Reveals a GntR Family Transcriptional Regulator Controlling Hypersensitive Response and Virulence. Molecular Plant-Microbe Interactions, 2011, 24, 1027-1039.	2.6	30
17	Functional and genomic insights into the pathogenesis of <scp>B</scp>urkholderia species to rice. Environmental Microbiology, 2016, 18, 780-790.	3.8	25
18	Microbiome characteristics of induced sputum compared to bronchial fluid and upper airway samples. Pediatric Pulmonology, 2018, 53, 921-928.	2.0	24

#	Article	IF	Citations
19	Diffusible signal factor signaling regulates multiple functions in the opportunistic pathogen Stenotrophomonas maltophilia. BMC Research Notes, 2018, 11, 569.	1.4	19
20	Proteomics Analysis of the Regulatory Role of Rpf/DSF Cell-to-Cell Signaling System in the Virulence of Xanthomonas campestris. Molecular Plant-Microbe Interactions, 2013, 26, 1131-1137.	2.6	17
21	The Ax21 protein influences virulence and biofilm formation in Stenotrophomonas maltophilia. Archives of Microbiology, 2018, 200, 183-187.	2.2	17
22	Genomeâ€wide screen and functional analysis in Xanthomonas reveal a large number of mRNAâ€derived sRNAs, including the novel RsmAâ€sequester RsmU. Molecular Plant Pathology, 2020, 21, 1573-1590.	4.2	10
23	Probing the Role of Cyclic di-GMP Signaling Systems in Disease Using Chinese Radish. Methods in Molecular Biology, 2017, 1657, 205-212.	0.9	7
24	Combating chronic bacterial infections by manipulating cyclic nucleotide-regulated biofilm formation. Future Medicinal Chemistry, 2016, 8, 949-961.	2.3	6
25	An in vitro biofilm model system to facilitate study of microbial communities of the human oral cavity. Letters in Applied Microbiology, 2022, 74, 302-310.	2.2	6
26	The Diffusible Signal Factor Family of Bacterial Cellï£¿Cell Signals. Israel Journal of Chemistry, 2016, 56, 321-329.	2.3	3
27	Communication, Cooperation, and Social Interactions: a Report from the Third Young Microbiologists Symposium on Microbe Signalling, Organisation, and Pathogenesis. Journal of Bacteriology, 2014, 196, 3527-3533.	2.2	2
28	Establishment of a High-throughput Setup for Screening Small Molecules That Modulate c-di-GMP Signaling in Pseudomonas aeruginosa. Journal of Visualized Experiments, 2016, , .	0.3	2
29	A cyclic GMP-dependent signalling pathway regulates bacterial phytopathogenesis. EMBO Journal, 2013, 32, 2779-2781.	7.8	1
30	Bacterial Diseases. , 2017, , 59-68.		1
31	Highâ€resolution transcriptional analysis of the regulatory influence of cellâ€toâ€cell signalling reveals novel genes that contribute to Xanthomonas phytopathogenesis. Molecular Microbiology, 2017, 104, 693-694.	2.5	0