

# Ze-Chun Yuan

## List of Publications by Year in descending order

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30  
papers

2,107  
citations

471509

17  
h-index

454955

30  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2895  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating the biocontrol potential of Canadian strain <i>Bacillus velezensis</i> 1B-23 via its surfactin production at various pHs and temperatures. <i>BMC Biotechnology</i> , 2021, 21, 31.	3.3	11
2	Surfactin-producing <i>Bacillus velezensis</i> 1B-23 and <i>Bacillus</i> sp. 1D-12 protect tomato against bacterial canker caused by <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> . <i>Journal of Plant Pathology</i> , 2020, 102, 451-458.	1.2	12
3	Isolation and characterization of <i>Burkholderia cenocepacia</i> CR318, a phosphate solubilizing bacterium promoting corn growth. <i>Microbiological Research</i> , 2020, 233, 126395.	5.3	50
4	Characterization and genomic analysis of a diesel-degrading bacterium, <i>Acinetobacter calcoaceticus</i> CA16, isolated from Canadian soil. <i>BMC Biotechnology</i> , 2020, 20, 39.	3.3	20
5	Isolation and characterization of novel bacterial strains for integrated solar-bioelectrokinetic of soil contaminated with heavy petroleum hydrocarbons. <i>Chemosphere</i> , 2019, 237, 124514.	8.2	12
6	RNA polymerase II-independent recruitment of SPT6L at transcription start sites in <i>Arabidopsis</i> . <i>Nucleic Acids Research</i> , 2019, 47, 6714-6725.	14.5	24
7	Bacteria in Cancer Therapeutics: A Framework for Effective Therapeutic Bacterial Screening and Identification. <i>Journal of Cancer</i> , 2019, 10, 1781-1793.	2.5	15
8	Genome-wide occupancy of histone H3K27 methyltransferases <i>CURLY LEAF</i> and <i>SWINGER</i> in <i>Arabidopsis</i> seedlings. <i>Plant Direct</i> , 2019, 3, e00100.	1.9	70
9	Characterization and complete genome analysis of the surfactin-producing, plant-protecting bacterium <i>Bacillus velezensis</i> 9D-6. <i>BMC Microbiology</i> , 2019, 19, 5.	3.3	62
10	<i>Clavibacter michiganensis</i> ssp. <i>michiganensis</i> : bacterial canker of tomato, molecular interactions and disease management. <i>Molecular Plant Pathology</i> , 2018, 19, 2036-2050.	4.2	81
11	Solar power enhancement of electrokinetic bioremediation of phenanthrene by <i>Mycobacterium pallens</i> . <i>Bioremediation Journal</i> , 2017, 21, 53-70.	2.0	7
12	Complete Genome Sequence of <i>Burkholderia cenocepacia</i> CR318, a Phosphate-Solubilizing Bacterium Isolated from Corn Root. <i>Genome Announcements</i> , 2017, 5, .	0.8	4
13	Cytosolic acetyl-CoA promotes histone acetylation predominantly at H3K27 in <i>Arabidopsis</i> . <i>Nature Plants</i> , 2017, 3, 814-824.	9.3	85
14	A Hydroponic Co-cultivation System for Simultaneous and Systematic Analysis of Plant/Microbe Molecular Interactions and Signaling. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	1
15	MsmiR156 affects global gene expression and promotes root regenerative capacity and nitrogen fixation activity in alfalfa. <i>Transgenic Research</i> , 2017, 26, 541-557.	2.4	28
16	Complete Genome Sequence of <i>Acinetobacter calcoaceticus</i> CA16, a Bacterium Capable of Degrading Diesel and Lignin. <i>Genome Announcements</i> , 2017, 5, .	0.8	8
17	Current knowledge and perspectives of <i>Paenibacillus</i> : a review. <i>Microbial Cell Factories</i> , 2016, 15, 203.	4.0	638
18	Isolation, identification and characterization of <i>Paenibacillus polymyxa</i> CR1 with potentials for biopesticide, biofertilization, biomass degradation and biofuel production. <i>BMC Microbiology</i> , 2016, 16, 244.	3.3	128

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19	Complete Genome Sequence of <i>Arthrobacter</i> sp. Strain LS16, Isolated from Agricultural Soils with Potential for Applications in Bioremediation and Bioproducts. <i>Genome Announcements</i> , 2016, 4, .	0.8	9
20	<i>Agrobacterium tumefaciens</i> responses to plant-derived signaling molecules. <i>Frontiers in Plant Science</i> , 2014, 5, 322.	3.6	108
21	Complete Genome Sequence of <i>Paenibacillus polymyxa</i> CR1, a Plant Growth-Promoting Bacterium Isolated from the Corn Rhizosphere Exhibiting Potential for Biocontrol, Biomass Degradation, and Biofuel Production. <i>Genome Announcements</i> , 2014, 2, .	0.8	22
22	Comparative and genetic analysis of the four sequenced <i>Paenibacillus polymyxa</i> genomes reveals a diverse metabolism and conservation of genes relevant to plant-growth promotion and competitiveness. <i>BMC Genomics</i> , 2014, 15, 851.	2.8	72
23	Development and validation of an rDNA operon based primer walking strategy applicable to de novo bacterial genome finishing. <i>Frontiers in Microbiology</i> , 2014, 5, 769.	3.5	5
24	A Really Useful Pathogen, <i>Agrobacterium tumefaciens</i> . <i>Plant Cell</i> , 2012, 24, tpc.112.tt1012.	6.6	8
25	Comparative transcriptome analysis of <i>Agrobacterium tumefaciens</i> in response to plant signal salicylic acid, indole-3-acetic acid and $\text{I}^3$ -amino butyric acid reveals signalling cross-talk and <i>Agrobacterium</i> -plant co-evolution. <i>Cellular Microbiology</i> , 2008, 10, 2339-2354.	2.1	102
26	Transcriptome Profiling and Functional Analysis of <i>Agrobacterium tumefaciens</i> Reveals a General Conserved Response to Acidic Conditions (pH 5.5) and a Complex Acid-Mediated Signaling Involved in <i>Agrobacterium</i> -Plant Interactions. <i>Journal of Bacteriology</i> , 2008, 190, 494-507.	2.2	109
27	The plant signal salicylic acid shuts down expression of the <i>vir</i> regulon and activates quorum-quenching genes in <i>Agrobacterium</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 11790-11795.	7.1	152
28	Genome prediction of PhoB regulated promoters in <i>Sinorhizobium meliloti</i> and twelve proteobacteria. <i>Nucleic Acids Research</i> , 2006, 34, 2686-2697.	14.5	122
29	Regulation and Properties of PstSCAB, a High-Affinity, High-Velocity Phosphate Transport System of <i>Sinorhizobium meliloti</i> . <i>Journal of Bacteriology</i> , 2006, 188, 1089-1102.	2.2	100
30	Phosphate limitation induces catalase expression in <i>Sinorhizobium meliloti</i> , <i>Pseudomonas aeruginosa</i> and <i>Agrobacterium tumefaciens</i> . <i>Molecular Microbiology</i> , 2005, 58, 877-894.	2.5	42