

Xuehua Wan

List of Publications by Year in descending order

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36
papers

1,033
citations

759055

12
h-index

434063

31
g-index

39
all docs

39
docs citations

39
times ranked

1458
citing authors

#	ARTICLE	IF	CITATIONS
1	An Oxygen-Sensing Diguanylate Cyclase and Phosphodiesterase Couple for c-di-GMP Control. <i>Biochemistry</i> , 2009, 48, 9764-9774.	1.2	215
2	Tools to kill: Genome of one of the most destructive plant pathogenic fungi <i>Macrophomina phaseolina</i> . <i>BMC Genomics</i> , 2012, 13, 493.	1.2	205
3	Comparative genomics of two jute species and insight into fibre biogenesis. <i>Nature Plants</i> , 2017, 3, 16223.	4.7	95
4	Globins Synthesize the Second Messenger Bis-(3- ϵ -5)-Cyclic Diguanosine Monophosphate in Bacteria. <i>Journal of Molecular Biology</i> , 2009, 388, 262-270.	2.0	91
5	Cultivation and Complete Genome Sequencing of <i>Gloeobacter kilaueensis</i> sp. nov., from a Lava Cave in K�lauea Caldera, Hawai'i. <i>PLoS ONE</i> , 2013, 8, e76376.	1.1	85
6	<i>Eubacterium rectale</i> contributes to colorectal cancer initiation via promoting colitis. <i>Gut Pathogens</i> , 2021, 13, 2.	1.6	53
7	HisE11 and HisF8 Provide Bis-histidyl Heme Hexa-coordination in the Globin Domain of <i>Geobacter sulfurreducens</i> Globin-coupled Sensor. <i>Journal of Molecular Biology</i> , 2009, 386, 246-260.	2.0	47
8	Characterization of a Globin-coupled Oxygen Sensor with a Gene-regulating Function. <i>Journal of Biological Chemistry</i> , 2007, 282, 37325-37340.	1.6	30
9	<p>Analyses of Potential Driver and Passenger Bacteria in Human Colorectal Cancer</p>. <i>Cancer Management and Research</i> , 2020, Volume 12, 11553-11561.	0.9	29
10	Complete Genome Sequence of <i>Salmonella enterica</i> subsp. <i>enterica</i> Serovar Typhi P-stx-12. <i>Journal of Bacteriology</i> , 2012, 194, 2115-2116.	1.0	20
11	Differential Mucosal Microbiome Profiles across Stages of Human Colorectal Cancer. <i>Life</i> , 2021, 11, 831.	1.1	19
12	The <i>Aphelenchus avenae</i> genome highlights evolutionary adaptation to desiccation. <i>Communications Biology</i> , 2021, 4, 1232.	2.0	19
13	<i>Rheinheimera salexigens</i> sp. nov., isolated from a fishing hook, and emended description of the genus <i>Rheinheimera</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 35-41.	0.8	17
14	Draft Genome Sequence of <i>Pantoea anthophila</i> Strain 11-2 from Hypersaline Lake Laysan, Hawaii. <i>Genome Announcements</i> , 2015, 3, .	0.8	15
15	Bacterial diversity and competitors for degradation of hazardous oil refining waste under selective pressures of temperature and oxygen. <i>Journal of Hazardous Materials</i> , 2022, 427, 128201.	6.5	12
16	Genomic sequencing is required for identification of tuberculosis transmission in Hawaii. <i>BMC Infectious Diseases</i> , 2018, 18, 608.	1.3	9
17	Whole genome SNP analysis suggests unique virulence factor differences of the Beijing and Manila families of <i>Mycobacterium tuberculosis</i> found in Hawaii. <i>PLoS ONE</i> , 2018, 13, e0201146.	1.1	9
18	Genomic analyses of the ancestral Manila family of <i>Mycobacterium tuberculosis</i> . <i>PLoS ONE</i> , 2017, 12, e0175330.	1.1	8

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19	An ArcA-Modulated Small RNA in Pathogenic Escherichia coli K1. <i>Frontiers in Microbiology</i> , 2020, 11, 574833.	1.5	8
20	The Genomic Blueprint of Salmonella enterica subspecies enterica serovar Typhi P-stx-12. <i>Standards in Genomic Sciences</i> , 2013, 7, 483-496.	1.5	6
21	Complete genome sequence of the thermophilic <i>Thermus</i> sp. CCB_US3_UF1 from a hot spring in Malaysia. <i>Standards in Genomic Sciences</i> , 2015, 10, 76.	1.5	6
22	Globin-coupled sensors and protoglobins share a common signaling mechanism. <i>FEBS Letters</i> , 2008, 582, 1840-1846.	1.3	5
23	Protoglobin and Globin-coupled Sensors. , 2008, , 175-202.		4
24	Complete Genome Sequences of Beijing and Manila Family Strains of <i>Mycobacterium tuberculosis</i> . <i>Genome Announcements</i> , 2014, 2, .	0.8	4
25	Genome Sequence of <i>Flavobacterium akiainvivens</i> IK-1 T, Isolated from Decaying <i>Wikstroemia oahuensis</i> , an Endemic Hawaiian Shrub. <i>Genome Announcements</i> , 2015, 3, .	0.8	4
26	Draft Genome Sequence of <i>Piscirickettsia litoralis</i> , Isolated from Seawater. <i>Genome Announcements</i> , 2016, 4, .	0.8	4
27	Multi-parameter optimization maximizes the performance of genetically engineered <i>Geobacillus</i> for degradation of high-concentration nitroalkanes in wastewater. <i>Bioresource Technology</i> , 2022, 347, 126690.	4.8	4
28	The importance of conserved amino acids in heme-based globin-coupled diguanylate cyclases. <i>PLoS ONE</i> , 2017, 12, e0182782.	1.1	3
29	Draft Genome Sequence of a Novel <i>Chitinophaga</i> sp. Strain, MD30, Isolated from a Biofilm in an Air Conditioner Condensate Pipe. <i>Genome Announcements</i> , 2017, 5, .	0.8	2
30	Genome Sequence of <i>Rheinheimera salexigens</i> sp. nov. Isolated from a Fishing Hook off Oahu, Hawaii. <i>Genome Announcements</i> , 2016, 4, .	0.8	1
31	Draft Genome Sequence of a Novel <i>Luteimonas</i> sp. Strain from Coral Mucus, Hawaii. <i>Genome Announcements</i> , 2016, 4, .	0.8	1
32	Draft Genome Sequence of a Novel <i>Marinobacter</i> sp. Strain from Honolulu Harbor, Hawaii. <i>Genome Announcements</i> , 2016, 4, .	0.8	1
33	Comparative Genome Analyses Reveal the Genomic Traits and Host Plant Adaptations of <i>Flavobacterium akiainvivens</i> IK-1T. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4910.	1.8	1
34	Artificial intelligence reveals roles of gut microbiota in driving human colorectal cancer evolution. <i>Artificial Intelligence in Cancer</i> , 2021, 2, 69-78.	1.1	1
35	Editor Note. <i>Archives of Clinical Microbiology</i> , 2016, 7, .	0.2	0
36	Draft Genome Sequence of <i>Terasakiispira papahanaumokuakeensis</i> PH27A T, a Spiral Bacterium from the Northwestern Hawaiian Islands. <i>Genome Announcements</i> , 2016, 4, .	0.8	0