

Zhi Liu

List of Publications by Year in descending order

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35
papers

2,571
citations

331670

21
h-index

377865

34
g-index

36
all docs

36
docs citations

36
times ranked

3217
citing authors

#	ARTICLE	IF	CITATIONS
1	Pan-Genome of Wild and Cultivated Soybeans. <i>Cell</i> , 2020, 182, 162-176.e13.	28.9	508
2	Genome-wide association studies dissect the genetic networks underlying agronomical traits in soybean. <i>Genome Biology</i> , 2017, 18, 161.	8.8	363
3	Natural supramolecular building blocks: from virus coat proteins to viral nanoparticles. <i>Chemical Society Reviews</i> , 2012, 41, 6178.	38.1	168
4	Mucosal penetration primes <i>Vibrio cholerae</i> for host colonization by repressing quorum sensing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 9769-9774.	7.1	161
5	Bile salt-induced intermolecular disulfide bond formation activates <i>Vibrio cholerae</i> virulence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2348-2353.	7.1	147
6	Genetic and Phenotypic Diversity of Quorum-Sensing Systems in Clinical and Environmental Isolates of <i>Vibrio cholerae</i> . <i>Infection and Immunity</i> , 2006, 74, 1141-1147.	2.2	143
7	Simultaneous changes in seed size, oil content and protein content driven by selection of <i>SWEET</i> homologues during soybean domestication. <i>National Science Review</i> , 2020, 7, 1776-1786.	9.5	128
8	<i>Vibrio cholerae</i> anaerobic induction of virulence gene expression is controlled by thiol-based switches of virulence regulator AphB. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 810-815.	7.1	104
9	<i>Vibrio cholerae</i> virulence regulator-coordinated evasion of host immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14542-14547.	7.1	96
10	MVP: a microbe-phage interaction database. <i>Nucleic Acids Research</i> , 2018, 46, D700-D707.	14.5	82
11	The NorR Regulon Is Critical for <i>Vibrio cholerae</i> Resistance to Nitric Oxide and Sustained Colonization of the Intestines. <i>MBio</i> , 2012, 3, e00013-12.	4.1	70
12	Combining IL-2-based immunotherapy with commensal probiotics produces enhanced antitumor immune response and tumor clearance. , 2020, 8, e000973.		65
13	DNA methylation footprints during soybean domestication and improvement. <i>Genome Biology</i> , 2018, 19, 128.	8.8	61
14	Combination Therapy of TGF- β 2 Blockade and Commensal-derived Probiotics Provides Enhanced Antitumor Immune Response and Tumor Suppression. <i>Theranostics</i> , 2019, 9, 4115-4129.	10.0	59
15	Differential Thiol-Based Switches Jump-Start <i>Vibrio cholerae</i> Pathogenesis. <i>Cell Reports</i> , 2016, 14, 347-354.	6.4	36
16	Altered metabolome and microbiome features provide clues in understanding irritable bowel syndrome and depression comorbidity. <i>ISME Journal</i> , 2022, 16, 983-996.	9.8	36
17	Hypermethylation-induced in vivo oxidative stress resistance enhances <i>Vibrio cholerae</i> host adaptation. <i>PLoS Pathogens</i> , 2018, 14, e1007413.	4.7	32
18	OxyR-activated expression of Dps is important for <i>Vibrio cholerae</i> oxidative stress resistance and pathogenesis. <i>PLoS ONE</i> , 2017, 12, e0171201.	2.5	31

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19	OxyR2 Modulates OxyR1 Activity and <i>Vibrio cholerae</i> Oxidative Stress Response. <i>Infection and Immunity</i> , 2017, 85, .	2.2	28
20	Long-term exposure to titanium dioxide nanoparticles promotes diet-induced obesity through exacerbating intestinal mucus layer damage and microbiota dysbiosis. <i>Nano Research</i> , 2021, 14, 1512-1522.	10.4	28
21	Thiolâ€based switch mechanism of virulence regulator AphB modulates oxidative stress response in <i>Vibrio cholerae</i> . <i>Molecular Microbiology</i> , 2016, 102, 939-949.	2.5	27
22	mBodyMap: a curated database for microbes across human body and their associations with health and diseases. <i>Nucleic Acids Research</i> , 2022, 50, D808-D816.	14.5	26
23	A Pd1â€Psâ€P1 Feedback Loop Controls Pubescence Density in Soybean. <i>Molecular Plant</i> , 2020, 13, 1768-1783.	8.3	22
24	<i>Saccharomyces boulardii</i> alleviates DSS-induced intestinal barrier dysfunction and inflammation in humanized mice. <i>Food and Function</i> , 2022, 13, 102-112.	4.6	20
25	Calcium Enhances Bile Salt-Dependent Virulence Activation in <i>Vibrio cholerae</i> . <i>Infection and Immunity</i> , 2017, 85, .	2.2	19
26	Crosstalks Between Gut Microbiota and <i>Vibrio Cholerae</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 582554.	3.9	19
27	Genetic and Chemical Engineering of Phages for Controlling Multidrug-Resistant Bacteria. <i>Antibiotics</i> , 2021, 10, 202.	3.7	18
28	Nonionic Block Copolymers Assemble on the Surface of Protein Bionanoparticle. <i>Langmuir</i> , 2012, 28, 11957-11961.	3.5	14
29	CBS-derived H2S facilitates host colonization of <i>Vibrio cholerae</i> by promoting the iron-dependent catalase activity of KatB. <i>PLoS Pathogens</i> , 2021, 17, e1009763.	4.7	13
30	Temperature responsive 3D structure of rod-like bionanoparticles induced by depletion interaction. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014, 32, 1271-1275.	3.8	12
31	Mutation of YL Results in a Yellow Leaf with Chloroplast RNA Editing Defect in Soybean. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4275.	4.1	12
32	Optogenetic Modification of <i>Pseudomonas aeruginosa</i> Enables Controllable Twitching Motility and Host Infection. <i>ACS Synthetic Biology</i> , 2021, 10, 531-541.	3.8	11
33	Crash landing of <i>Vibrio cholerae</i> by MSHA pili-assisted braking and anchoring in a viscoelastic environment. <i>ELife</i> , 2021, 10, .	6.0	6
34	Mr.Vc: a database of microarray and RNA-seq of <i>Vibrio cholerae</i> . <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	3.0	3
35	S-Nitrosylation of the virulence regulator AphB promotes <i>Vibrio cholerae</i> pathogenesis. <i>PLoS Pathogens</i> , 2022, 18, e1010581.	4.7	3