

Quanjiang Ji

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

3,392
citations

201674

27
h-index

233421

45
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48
all docs

48
docs citations

48
times ranked

4996
citing authors

#	ARTICLE	IF	CITATIONS
1	N6-Methyldeoxyadenosine Marks Active Transcription Start Sites in Chlamydomonas. <i>Cell</i> , 2015, 161, 879-892.	28.9	477
2	Emergence of plasmid-mediated high-level tigecycline resistance genes in animals and humans. <i>Nature Microbiology</i> , 2019, 4, 1450-1456.	13.3	455
3	6-Phosphogluconate dehydrogenase links oxidative PPP, lipogenesis and tumour growth by inhibiting LKB1-AMPK signalling. <i>Nature Cell Biology</i> , 2015, 17, 1484-1496.	10.3	224
4	Widespread occurrence of N ⁶ -methyladenosine in bacterial mRNA. <i>Nucleic Acids Research</i> , 2015, 43, 6557-6567.	14.5	165
5	Protein cysteine phosphorylation of SarA/MgrA family transcriptional regulators mediates bacterial virulence and antibiotic resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15461-15466.	7.1	151
6	CRISPR/Cas9-based Genome Editing in <i>Pseudomonas aeruginosa</i> and Cytidine Deaminase-Mediated Base Editing in <i>Pseudomonas</i> Species. <i>IScience</i> , 2018, 6, 222-231.	4.1	142
7	Metabolic Rewiring by Oncogenic BRAF V600E Links Ketogenesis Pathway to BRAF-MEK1 Signaling. <i>Molecular Cell</i> , 2015, 59, 345-358.	9.7	125
8	Programmed genome editing by a miniature CRISPR-Cas12f nuclease. <i>Nature Chemical Biology</i> , 2021, 17, 1132-1138.	8.0	121
9	CRISPR-Cas9 and CRISPR-Assisted Cytidine Deaminase Enable Precise and Efficient Genome Editing in <i>Klebsiella pneumoniae</i> . <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	113
10	Proteome-wide Quantification and Characterization of Oxidation-Sensitive Cysteines in Pathogenic Bacteria. <i>Cell Host and Microbe</i> , 2013, 13, 358-370.	11.0	111
11	Lysine Acetylation Activates 6-Phosphogluconate Dehydrogenase to Promote Tumor Growth. <i>Molecular Cell</i> , 2014, 55, 552-565.	9.7	107
12	Rapid and Efficient Genome Editing in <i>Staphylococcus aureus</i> by Using an Engineered CRISPR/Cas9 System. <i>Journal of the American Chemical Society</i> , 2017, 139, 3790-3795.	13.7	98
13	Quorum-sensing <i>agr</i> mediates bacterial oxidation response via an intramolecular disulfide redox switch in the response regulator AgrA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9095-9100.	7.1	92
14	Lectin-Based Nanoprobes Functionalized with Enzyme for Highly Sensitive Electrochemical Monitoring of Dynamic Carbohydrate Expression on Living Cells. <i>Analytical Chemistry</i> , 2010, 82, 1292-1298.	6.5	80
15	AirSR, a [2Fe-2S] Cluster-Containing Two-Component System, Mediates Global Oxygen Sensing and Redox Signaling in <i>Staphylococcus aureus</i> . <i>Journal of the American Chemical Society</i> , 2012, 134, 305-314.	13.7	78
16	The auxiliary protein complex <i>SaePQ</i> activates the phosphatase activity of sensor kinase <i>SaeS</i> in the <i>SaeRS</i> two-component system of <i>Staphylococcus aureus</i> . <i>Molecular Microbiology</i> , 2012, 86, 331-348.	2.5	74
17	Expression of Multidrug Resistance Efflux Pump Gene <i>norA</i> Is Iron Responsive in <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 2012, 194, 1753-1762.	2.2	69
18	Highly efficient base editing in <i>Staphylococcus aureus</i> using an engineered CRISPR RNA-guided cytidine deaminase. <i>Chemical Science</i> , 2018, 9, 3248-3253.	7.4	64

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19	A Highly Efficient CRISPR-Cas9-Based Genome Engineering Platform in <i>Acinetobacter baumannii</i> to Understand the H ₂ O ₂ -Sensing Mechanism of OxyR. <i>Cell Chemical Biology</i> , 2019, 26, 1732-1742.e5.	5.2	55
20	Enhancement of prime editing via xrRNA motif-joined pegRNA. <i>Nature Communications</i> , 2022, 13, 1856.	12.8	51
21	Crystal structure of the RNA demethylase ALKBH5 from zebrafish. <i>FEBS Letters</i> , 2014, 588, 892-898.	2.8	50
22	Mechanistic insights into staphylopin-mediated metal acquisition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3942-3947.	7.1	50
23	The <i>Pseudomonas aeruginosa</i> Global Regulator VqsR Directly Inhibits QscR To Control Quorum-Sensing and Virulence Gene Expression. <i>Journal of Bacteriology</i> , 2012, 194, 3098-3108.	2.2	48
24	Molecular mechanism of quinone signaling mediated through S-quinonization of a YodB family repressor QsrR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5010-5015.	7.1	40
25	<i>Staphylococcus aureus</i> CymR Is a New Thiol-based Oxidation-sensing Regulator of Stress Resistance and Oxidative Response. <i>Journal of Biological Chemistry</i> , 2012, 287, 21102-21109.	3.4	38
26	Steady-State Hydrogen Peroxide Induces Glycolysis in <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2014, 196, 2499-2513.	2.2	35
27	Structure and mechanism of the essential two-component signal-transduction system WalkR in <i>Staphylococcus aureus</i> . <i>Nature Communications</i> , 2016, 7, 11000.	12.8	32
28	Engineering Bacterial Two-Component System PmrA/PmrB to Sense Lanthanide Ions. <i>Journal of the American Chemical Society</i> , 2013, 135, 2037-2039.	13.7	29
29	Application of CRISPR/Cas9-Based Genome Editing in Studying the Mechanism of Pandrug Resistance in <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	24
30	Targeted genetic screening in bacteria with a Cas12k-guided transposase. <i>Cell Reports</i> , 2021, 36, 109635.	6.4	24
31	Catalytic-state structure and engineering of <i>Streptococcus thermophilus</i> Cas9. <i>Nature Catalysis</i> , 2020, 3, 813-823.	34.4	23
32	Programmable adenine deamination in bacteria using a Cas9-adenine-deaminase fusion. <i>Chemical Science</i> , 2020, 11, 1657-1664.	7.4	21
33	Thymine DNA glycosylase recognizes the geometry alteration of minor grooves induced by 5-formylcytosine and 5-carboxylcytosine. <i>Chemical Science</i> , 2019, 10, 7407-7417.	7.4	20
34	CRISPR-CBEI: a Designing and Analyzing Tool Kit for Cytosine Base Editor-Mediated Gene Inactivation. <i>MSystems</i> , 2020, 5, .	3.8	20
35	Strategies for Developing CRISPR-Based Gene Editing Methods in Bacteria. <i>Small Methods</i> , 2020, 4, 1900560.	8.6	19
36	Molecular basis for the PAM expansion and fidelity enhancement of an evolved Cas9 nuclease. <i>PLoS Biology</i> , 2019, 17, e3000496.	5.6	17

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37	Crystal structure and acetylation of BioQ suggests a novel regulatory switch for biotin biosynthesis in <i>Mycobacterium smegmatis</i> . <i>Molecular Microbiology</i> , 2018, 109, 642-662.	2.5	10
38	Structural Basis of <i>Staphylococcus aureus</i> Surface Protein SdrC. <i>Biochemistry</i> , 2020, 59, 1465-1469.	2.5	10
39	A Potent Anti-SpuE Antibody Allosterically Inhibits Type III Secretion System and Attenuates Virulence of <i>Pseudomonas Aeruginosa</i> . <i>Journal of Molecular Biology</i> , 2019, 431, 4882-4896.	4.2	9
40	CRISPR-Cas9-Based Genome Editing and Cytidine Base Editing in <i>Acinetobacter baumannii</i> . <i>STAR Protocols</i> , 2020, 1, 100025.	1.2	6
41	Genetic Manipulation of MRSA Using CRISPR/Cas9 Technology. <i>Methods in Molecular Biology</i> , 2020, 2069, 113-124.	0.9	5
42	A highly sensitive and genetically encoded fluorescent reporter for ratiometric monitoring of quinones in living cells. <i>Chemical Communications</i> , 2013, 49, 8027.	4.1	3
43	Molecular basis for cell-wall recycling regulation by transcriptional repressor MurR in <i>Escherichia coli</i> . <i>Nucleic Acids Research</i> , 2022, 50, 5948-5960.	14.5	3
44	PAM-Expanded <i>Streptococcus thermophilus</i> Cas9 C-to-T and C-to-G Base Editors for Programmable Base Editing in Mycobacteria. <i>Engineering</i> , 2022, 15, 67-77.	6.7	3
45	Genome Editing in <i>Klebsiella pneumoniae</i> Using CRISPR/Cas9 Technology. <i>Methods in Molecular Biology</i> , 2022, 2479, 105-117.	0.9	1