

# Guo-Ping Zhao

## List of Publications by Year in descending order

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209  
papers

10,936  
citations

71102

41  
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38395

95  
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212  
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212  
docs citations

212  
times ranked

14886  
citing authors

#	ARTICLE	IF	CITATIONS
1	Acetylation of Metabolic Enzymes Coordinates Carbon Source Utilization and Metabolic Flux. <i>Science</i> , 2010, 327, 1004-1007.	12.6	924
2	CRISPR-Cas12a-assisted nucleic acid detection. <i>Cell Discovery</i> , 2018, 4, 20.	6.7	805
3	Viral and host factors related to the clinical outcome of COVID-19. <i>Nature</i> , 2020, 583, 437-440.	27.8	746
4	CRISPR-Cas12a has both cis- and trans-cleavage activities on single-stranded DNA. <i>Cell Research</i> , 2018, 28, 491-493.	12.0	623
5	Cross-host evolution of severe acute respiratory syndrome coronavirus in palm civet and human. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2430-2435.	7.1	602
6	Unique physiological and pathogenic features of <i>Leptospira interrogans</i> revealed by whole-genome sequencing. <i>Nature</i> , 2003, 422, 888-893.	27.8	513
7	HOLMESv2: A CRISPR-Cas12b-Assisted Platform for Nucleic Acid Detection and DNA Methylation Quantitation. <i>ACS Synthetic Biology</i> , 2019, 8, 2228-2237.	3.8	405
8	Dentinogenesis imperfecta 1 with or without progressive hearing loss is associated with distinct mutations in DSPP. <i>Nature Genetics</i> , 2001, 27, 201-204.	21.4	302
9	<i>Gossypium barbadense</i> genome sequence provides insight into the evolution of extra-long staple fiber and specialized metabolites. <i>Scientific Reports</i> , 2015, 5, 14139.	3.3	271
10	Production of bioactive ginsenoside compound K in metabolically engineered yeast. <i>Cell Research</i> , 2014, 24, 770-773.	12.0	201
11	Genetic Basis of Virulence Attenuation Revealed by Comparative Genomic Analysis of <i>Mycobacterium tuberculosis</i> Strain H37Ra versus H37Rv. <i>PLoS ONE</i> , 2008, 3, e2375.	2.5	200
12	Creating a functional single-chromosome yeast. <i>Nature</i> , 2018, 560, 331-335.	27.8	187
13	Characterization of a New GlnR Binding Box in the Promoter of <i>amtB</i> in <i>Streptomyces coelicolor</i> Inferred a PhoP/GlnR Competitive Binding Mechanism for Transcriptional Regulation of <i>amtB</i> . <i>Journal of Bacteriology</i> , 2012, 194, 5237-5244.	2.2	180
14	Production of bioactive ginsenosides Rh2 and Rg3 by metabolically engineered yeasts. <i>Metabolic Engineering</i> , 2015, 29, 97-105.	7.0	162
15	Identification of Two Critical Amino Acid Residues of the Severe Acute Respiratory Syndrome Coronavirus Spike Protein for Its Variation in Zoonotic Tropism Transition via a Double Substitution Strategy. <i>Journal of Biological Chemistry</i> , 2005, 280, 29588-29595.	3.4	152
16	Multiplex gene regulation by CRISPR-ddCpf1. <i>Cell Discovery</i> , 2017, 3, 17018.	6.7	151
17	Characterization of Panax ginseng UDP-Glycosyltransferases Catalyzing Protopanaxatriol and Biosyntheses of Bioactive Ginsenosides F1 and Rh1 in Metabolically Engineered Yeasts. <i>Molecular Plant</i> , 2015, 8, 1412-1424.	8.3	130
18	Complete genome sequence of the rifamycin SV-producing <i>Amycolatopsis mediterranei</i> U32 revealed its genetic characteristics in phylogeny and metabolism. <i>Cell Research</i> , 2010, 20, 1096-1108.	12.0	108

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19	Full-length genome sequences of two SARS-like coronaviruses in horseshoe bats and genetic variation analysis. <i>Journal of General Virology</i> , 2006, 87, 3355-3359.	2.9	96
20	Identification of two-component system <i>AfsQ1/Q2</i> regulon and its cross-regulation with <i>GlnR</i> in <i>S. treptomyces coelicolor</i> . <i>Molecular Microbiology</i> , 2013, 87, 30-48.	2.5	94
21	The cyanobacterial ornithine- $\epsilon$ -ammonia cycle involves an arginine dihydrolase. <i>Nature Chemical Biology</i> , 2018, 14, 575-581.	8.0	87
22	Characterization of the $Ca^{2+}$ -responsive signaling pathway in regulating the expression and secretion of cellulases in <i>T. richoderma reesei</i> Rut-30. <i>Molecular Microbiology</i> , 2016, 100, 560-575.	2.5	85
23	Tetracycline-inducible shRNA targeting antisense long non-coding RNA HIF1A-AS2 represses the malignant phenotypes of bladder cancer. <i>Cancer Letters</i> , 2016, 376, 155-164.	7.2	84
24	Correlation of Gut Microbiome Between ASD Children and Mothers and Potential Biomarkers for Risk Assessment. <i>Genomics, Proteomics and Bioinformatics</i> , 2019, 17, 26-38.	6.9	72
25	Role of Two-Component System Response Regulator <i>bceR</i> in the Antimicrobial Resistance, Virulence, Biofilm Formation, and Stress Response of Group B <i>Streptococcus</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 10.	3.5	72
26	Up-regulation of long non-coding RNA PANDAR is associated with poor prognosis and promotes tumorigenesis in bladder cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2016, 35, 83.	8.6	71
27	Complete genome sequence and comparative genomic analyses of the vancomycin-producing <i>Amycolatopsis orientalis</i> . <i>BMC Genomics</i> , 2014, 15, 363.	2.8	68
28	Mechanisms involved in the impact of engineered nanomaterials on the joint toxicity with environmental pollutants. <i>Ecotoxicology and Environmental Safety</i> , 2018, 162, 92-102.	6.0	66
29	SARS molecular epidemiology: a Chinese fairy tale of controlling an emerging zoonotic disease in the genomics era. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 1063-1081.	4.0	65
30	Bimodal effects of MK-801 on locomotion and stereotypy in C57BL/6 mice. <i>Psychopharmacology</i> , 2005, 177, 256-263.	3.1	62
31	Tandem assembly of the epothilone biosynthetic gene cluster by in vitro site-specific recombination. <i>Scientific Reports</i> , 2011, 1, 141.	3.3	59
32	Comparative proteogenomic analysis of the <i>Leptospira interrogans</i> virulence-attenuated strain IPAV against the pathogenic strain 56601. <i>Cell Research</i> , 2011, 21, 1210-1229.	12.0	57
33	Reversible lysine acetylation is involved in DNA replication initiation by regulating activities of initiator DnaA in <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2016, 6, 30837.	3.3	55
34	Direct Involvement of the Master Nitrogen Metabolism Regulator <i>GlnR</i> in Antibiotic Biosynthesis in <i>Streptomyces</i> . <i>Journal of Biological Chemistry</i> , 2016, 291, 26443-26454.	3.4	55
35	C-Brick: A New Standard for Assembly of Biological Parts Using Cpf1. <i>ACS Synthetic Biology</i> , 2016, 5, 1383-1388.	3.8	53
36	The CCTL (Cpf1-assisted Cutting and Taq DNA ligase-assisted Ligation) method for efficient editing of large DNA constructs in vitro. <i>Nucleic Acids Research</i> , 2017, 45, gkx018.	14.5	51

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37	Increased expression of SUMO1P3 predicts poor prognosis and promotes tumor growth and metastasis in bladder cancer. <i>Oncotarget</i> , 2016, 7, 16038-16048.	1.8	50
38	GlnR positively regulates nasA transcription in <i>Streptomyces coelicolor</i> . <i>Biochemical and Biophysical Research Communications</i> , 2009, 386, 77-81.	2.1	49
39	Inducing cell growth arrest and apoptosis by silencing long non-coding RNA PCAT-1 in human bladder cancer. <i>Tumor Biology</i> , 2015, 36, 7685-7689.	1.8	49
40	An efficient system for deletion of large DNA fragments in <i>Escherichia coli</i> via introduction of both Cas9 and the non-homologous end joining system from <i>Mycobacterium smegmatis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2017, 485, 768-774.	2.1	48
41	Heterologous Production and Yield Improvement of Epothilones in <i>Burkholderiales</i> Strain DSM 7029. <i>ACS Chemical Biology</i> , 2017, 12, 1805-1812.	3.4	48
42	Proapoptotic Activities of Protein Disulfide Isomerase (PDI) and PDIA3 Protein, a Role of the Bcl-2 Protein Bak. <i>Journal of Biological Chemistry</i> , 2015, 290, 8949-8963.	3.4	46
43	Oxidation of dCTP contributes to antibiotic lethality in stationary-phase mycobacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2210-2215.	7.1	46
44	Mycobacterial MazG Is a Novel NTP Pyrophosphohydrolase Involved in Oxidative Stress Response. <i>Journal of Biological Chemistry</i> , 2010, 285, 28076-28085.	3.4	45
45	Highly Efficient In Vitro Site-Specific Recombination System Based on <i>Streptomyces</i> Phage $\phi$ BT1 Integrase. <i>Journal of Bacteriology</i> , 2008, 190, 6392-6397.	2.2	44
46	GlnR-Mediated Regulation of <i>ectABCD</i> Transcription Expands the Role of the GlnR Regulon to Osmotic Stress Management. <i>Journal of Bacteriology</i> , 2015, 197, 3041-3047.	2.2	42
47	Prokaryotic systematics in the genomics era. <i>Antonie Van Leeuwenhoek</i> , 2012, 101, 21-34.	1.7	41
48	Perfluorooctane sulfonate exposure causes gonadal developmental toxicity in <i>Caenorhabditis elegans</i> through ROS-induced DNA damage. <i>Chemosphere</i> , 2016, 155, 115-126.	8.2	41
49	Tracing SARS-Coronavirus Variant with Large Genomic Deletion. <i>Emerging Infectious Diseases</i> , 2005, 11, 168-170.	4.3	40
50	A complex role of <i>Amycolatopsis mediterranei</i> GlnR in nitrogen metabolism and related antibiotics production. <i>Archives of Microbiology</i> , 2007, 188, 89-96.	2.2	40
51	Mutagenicity of PFOA in Mammalian Cells: Role of Mitochondria-Dependent Reactive Oxygen Species. <i>Environmental Science &amp; Technology</i> , 2011, 45, 1638-1644.	10.0	40
52	Distinct roles of mitochondria- and ER-localized Bcl-2 in apoptosis resistance and $Ca^{2+}$ homeostasis. <i>Molecular Biology of the Cell</i> , 2012, 23, 2605-2618.	2.1	40
53	TB-QUICK: CRISPR-Cas12b-assisted rapid and sensitive detection of <i>Mycobacterium tuberculosis</i> . <i>Journal of Infection</i> , 2021, 83, 54-60.	3.3	39
54	Atypical OmpR/PhoB Subfamily Response Regulator GlnR of Actinomycetes Functions as a Homodimer, Stabilized by the Unphosphorylated Conserved Asp-focused Charge Interactions. <i>Journal of Biological Chemistry</i> , 2014, 289, 15413-15425.	3.4	38

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55	Radiation induces apoptosis primarily through the intrinsic pathway in mammalian cells. Cellular Signalling, 2019, 62, 109337.	3.6	38
56	Insight into Dominant Cellulolytic Bacteria from Two Biogas Digesters and Their Glycoside Hydrolase Genes. PLoS ONE, 2015, 10, e0129921.	2.5	38
57	A Novel and Efficient Method for Bacteria Genome Editing Employing both CRISPR/Cas9 and an Antibiotic Resistance Cassette. Frontiers in Microbiology, 2017, 8, 812.	3.5	37
58	Metabolic intermediate acetyl phosphate modulates bacterial virulence via acetylation. Emerging Microbes and Infections, 2019, 8, 55-69.	6.5	37
59	Noxa couples lysosomal membrane permeabilization and apoptosis during oxidative stress. Free Radical Biology and Medicine, 2013, 65, 26-37.	2.9	36
60	Deciphering the late steps of rifamycin biosynthesis. Nature Communications, 2018, 9, 2342.	12.8	36
61	Cellular ATP content was decreased by a homogeneous 8.5 mT static magnetic field exposure: Role of reactive oxygen species. Bioelectromagnetics, 2011, 32, 94-101.	1.6	35
62	ContigScope: a Cytoscape plugin facilitating microbial genome gap closing. BMC Genomics, 2013, 14, 289.	2.8	34
63	A CRISPR-Cas12a-based specific enhancer for more sensitive detection of SARS-CoV-2 infection. EBioMedicine, 2020, 61, 103036.	6.1	34
64	Overproduction and Purification of Glutaryl 7-Amino Cephalosporanic Acid Acylase. Protein Expression and Purification, 1998, 12, 233-238.	1.3	32
65	Activated Toxicity of Diesel Particulate Extract by Ultraviolet A Radiation in Mammalian Cells: Role of Singlet Oxygen. Environmental Health Perspectives, 2009, 117, 436-441.	6.0	32
66	Mycobacterial MazG Safeguards Genetic Stability via Housecleaning of 5-OH-dCTP. PLoS Pathogens, 2013, 9, e1003814.	4.7	31
67	Antiaging Effects of Urolithin A on Replicative Senescent Human Skin Fibroblasts. Rejuvenation Research, 2019, 22, 191-200.	1.8	30
68	A single circular chromosome yeast. Cell Research, 2019, 29, 87-89.	12.0	30
69	A systematic study of the whole genome sequence of Amycolatopsis methanolica strain 239 T provides an insight into its physiological and taxonomic properties which correlate with its position in the genus. Synthetic and Systems Biotechnology, 2016, 1, 169-186.	3.7	29
70	TiO <sub>2</sub> nanoparticles enhance bioaccumulation and toxicity of heavy metals in Caenorhabditis elegans via modification of local concentrations during the sedimentation process. Ecotoxicology and Environmental Safety, 2018, 162, 160-169.	6.0	29
71	Three of Four GlnR Binding Sites Are Essential for GlnR-Mediated Activation of Transcription of the Amycolatopsis mediterranei nas Operon. Journal of Bacteriology, 2013, 195, 2595-2602.	2.2	28
72	Morphology engineering of Streptomyces coelicolor M145 by sub-inhibitory concentrations of antibiotics. Scientific Reports, 2017, 7, 13226.	3.3	28

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73	Reprogrammable CRISPR/dCas9-based recruitment of DNMT1 for site-specific DNA demethylation and gene regulation. <i>Cell Discovery</i> , 2019, 5, 22.	6.7	28
74	The unprecedented diversity of UGT94-family UDP-glycosyltransferases in Panax plants and their contribution to ginsenoside biosynthesis. <i>Scientific Reports</i> , 2020, 10, 15394.	3.3	28
75	Prevalence of <i>BRCA1</i> / <i>BRCA2</i> pathogenic variation in Chinese Han population. <i>Journal of Medical Genetics</i> , 2021, 58, 565-569.	3.2	27
76	A recently evolved diflavin-containing monomeric nitrate reductase is responsible for highly efficient bacterial nitrate assimilation. <i>Journal of Biological Chemistry</i> , 2020, 295, 5051-5066.	3.4	27
77	Evolutionary analysis and lineage designation of SARS-CoV-2 genomes. <i>Science Bulletin</i> , 2021, 66, 2297-2311.	9.0	26
78	Crl activates transcription by stabilizing active conformation of the master stress transcription initiation factor. <i>ELife</i> , 2019, 8, .	6.0	26
79	DNA Cleavage is Independent of Synapsis during <i>Streptomyces</i> Phage $\phi$ BT1 Integrase-Mediated Site-Specific Recombination. <i>Journal of Molecular Cell Biology</i> , 2010, 2, 264-275.	3.3	25
80	Detection of human novel influenza A (H1N1) viruses using multi-fluorescent real-time RT-PCR. <i>Virus Research</i> , 2010, 147, 85-90.	2.2	25
81	Genome-wide analysis of homeobox genes from <i>Mesobuthus martensii</i> reveals Hox gene duplication in scorpions. <i>Insect Biochemistry and Molecular Biology</i> , 2015, 61, 25-33.	2.7	25
82	Dynamic anti-spike protein antibody profiles in COVID-19 patients. <i>International Journal of Infectious Diseases</i> , 2021, 103, 540-548.	3.3	25
83	Systematic optimization of the yeast cell factory for sustainable and high efficiency production of bioactive ginsenoside compound K. <i>Synthetic and Systems Biotechnology</i> , 2021, 6, 69-76.	3.7	25
84	Identification and Characterization of <i>glnA</i> ; Promoter and its Corresponding <i>Trans</i> -regulatory Protein GlnR in the Rifamycin SV Producing Actinomycete, <i>Mycolatopsis mediterranei</i> ; U32. <i>Acta Biochimica Et Biophysica Sinica</i> , 2006, 38, 831-843.	2.0	23
85	Control of Directionality in <i>Streptomyces</i> Phage $\phi$ BT1 Integrase-Mediated Site-Specific Recombination. <i>PLoS ONE</i> , 2013, 8, e80434.	2.5	23
86	Amplification of arsenic genotoxicity by TiO <sub>2</sub> nanoparticles in mammalian cells: new insights from physicochemical interactions and mitochondria. <i>Nanotoxicology</i> , 2017, 11, 978-995.	3.0	23
87	CADS: CRISPR/Cas12a-Assisted DNA Steganography for Securing the Storage and Transfer of DNA-Encoded Information. <i>ACS Synthetic Biology</i> , 2018, 7, 1174-1178.	3.8	22
88	DCTPP1 attenuates the sensitivity of human gastric cancer cells to 5-fluorouracil by up-regulating MDR1 expression epigenetically. <i>Oncotarget</i> , 2016, 7, 68623-68637.	1.8	22
89	<i>N</i> -(3-Oxo-acyl)-homoserine lactone induces apoptosis primarily through a mitochondrial pathway in fibroblasts. <i>Cellular Microbiology</i> , 2018, 20, e12787.	2.1	21
90	<i>N</i> -(3-oxo-acyl) homoserine lactone induced germ cell apoptosis and suppressed the over-activated RAS/MAPK tumorigenesis via mitochondrial-dependent ROS in <i>C. elegans</i> . <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2018, 23, 626-640.	4.9	21

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91	iBrick: A New Standard for Iterative Assembly of Biological Parts with Homing Endonucleases. PLoS ONE, 2014, 9, e110852.	2.5	21
92	Escherichia fergusonii, an Underrated Repository for Antimicrobial Resistance in Food Animals. Microbiology Spectrum, 2022, 10, e0161721.	3.0	21
93	Stability of plasmid pA387 derivatives in Amycolatopsis mediterranei producing rifamycin. Biotechnology Letters, 2003, 25, 1647-1652.	2.2	20
94	Prediction of quaternary assembly of SARS coronavirus peplomer. Biochemical and Biophysical Research Communications, 2004, 325, 1210-1214.	2.1	20
95	Serum Activity of Platelet-Activating Factor Acetylhydrolase Is a Potential Clinical Marker for Leptospirosis Pulmonary Hemorrhage. PLoS ONE, 2009, 4, e4181.	2.5	20
96	Bxb1 integrase serves as a highly efficient DNA recombinase in rapid metabolite pathway assembly. Acta Biochimica Et Biophysica Sinica, 2017, 49, 44-50.	2.0	20
97	tmap: an integrative framework based on topological data analysis for population-scale microbiome stratification and association studies. Genome Biology, 2019, 20, 293.	8.8	20
98	Mycobacterial fatty acid catabolism is repressed by FdmR to sustain lipogenesis and virulence. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	20
99	Identification of a Novel Prophage-Like Gene Cluster Actively Expressed in Both Virulent and Avirulent Strains of <i>Leptospira interrogans</i> Serovar Lai. Infection and Immunity, 2008, 76, 2411-2419.	2.2	19
100	A feedback regulatory model for RifQ-mediated repression of rifamycin export in Amycolatopsis mediterranei. Microbial Cell Factories, 2018, 17, 14.	4.0	19
101	Subdomain II of Î±-Isopropylmalate Synthase Is Essential for Activity. Journal of Biological Chemistry, 2014, 289, 27966-27978.	3.4	18
102	Complete genome sequence of the glidobactin producing strain [Polyangium] brachysporum DSM 7029. Journal of Biotechnology, 2015, 210, 83-84.	3.8	18
103	Aging-independent and size-dependent genotoxic response induced by titanium dioxide nanoparticles in mammalian cells. Journal of Environmental Sciences, 2019, 85, 94-106.	6.1	18
104	Subcellular Targets of Zinc Oxide Nanoparticles During the Aging Process: Role of Cross-talk Between Mitochondrial Dysfunction and Endoplasmic Reticulum Stress in the Genotoxic Response. Toxicological Sciences, 2019, 171, 159-171.	3.1	18
105	On the origin of SARS-CoV-2â€™The blind watchmaker argument. Science China Life Sciences, 2021, 64, 1560-1563.	4.9	18
106	N-(3-oxo-acyl) homoserine lactone inhibits tumor growth independent of Bcl-2 proteins. Oncotarget, 2016, 7, 5924-5942.	1.8	18
107	Expression of penicillin G acylase from the cloned pac gene of Escherichia coli ATCC11105. FEBS Journal, 2001, 268, 1298-1303.	0.2	17
108	Identification and functional analysis of a nitrate assimilation operon nasACKBDEF from Amycolatopsis mediterranei U32. Archives of Microbiology, 2011, 193, 463-477.	2.2	17



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109	Identification of three extra-chromosomal replicons in <i>Leptospira</i> pathogenic strain and development of new shuttle vectors. <i>BMC Genomics</i> , 2015, 16, 90.	2.8	17
110	Synthetic Bax-Anti Bcl2 combination module actuated by super artificial hTERT promoter selectively inhibits malignant phenotypes of bladder cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2016, 35, 3.	8.6	17
111	Development of O-antigen gene cluster-specific PCRs for rapid typing six epidemic serogroups of <i>Leptospira</i> in China. <i>BMC Microbiology</i> , 2010, 10, 67.	3.3	16
112	The First Complete Genome Sequence of the Class Fimbriimonadia in the Phylum Armatimonadetes. <i>PLoS ONE</i> , 2014, 9, e100794.	2.5	16
113	Precise characterization of GlnR Box in actinomycetes. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 605-607.	2.1	16
114	Identification of the streptothricin and tunicamycin biosynthetic gene clusters by genome mining in <i>Streptomyces</i> sp. strain fd1-xmd. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 2621-2633.	3.6	16
115	Graphene oxide antagonizes the toxic response to arsenic via activation of protective autophagy and suppression of the arsenic-binding protein LEC-1 in <i>Caenorhabditis elegans</i> . <i>Environmental Science: Nano</i> , 2018, 5, 1711-1728.	4.3	16
116	ScCobB2-mediated Lysine Desuccinylation Regulates Protein Biosynthesis and Carbon Metabolism in <i>Streptomyces coelicolor</i> *[S]. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 2003-2017.	3.8	16
117	Parental exposure to TiO <sub>2</sub> NPs promotes the multigenerational reproductive toxicity of Cd in <i>Caenorhabditis elegans</i> via bioaccumulation of Cd in germ cells. <i>Environmental Science: Nano</i> , 2019, 6, 1332-1342.	4.3	16
118	Ginsenoside Rb1 Improves Metabolic Disorder in High-Fat Diet-Induced Obese Mice Associated With Modulation of Gut Microbiota. <i>Frontiers in Microbiology</i> , 2022, 13, 826487.	3.5	16
119	Serial analysis of gene expression in the silkworm,. <i>Genomics</i> , 2005, 86, 233-241.	2.9	15
120	Chronic alcohol consumption from adolescence-to-adulthood in mice—Effect on growth and social behavior. <i>Drug and Alcohol Dependence</i> , 2009, 104, 119-125.	3.2	15
121	MEGA (Multiple Essential Genes Assembling) Deletion and Replacement Method for Genome Reduction in <i>Escherichia coli</i> . <i>ACS Synthetic Biology</i> , 2015, 4, 700-706.	3.8	15
122	The draft genomes and investigation of serotype distribution, antimicrobial resistance of group B <i>Streptococcus</i> strains isolated from urine in Suzhou, China. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2018, 17, 28.	3.8	15
123	Disruption of Chromosomal Architecture of <i>cox2</i> Locus Sensitizes Lung Cancer Cells to Radiotherapy. <i>Molecular Therapy</i> , 2018, 26, 2456-2465.	8.2	15
124	Distinct Responses of Gut Microbiota to Jian-Pi-Yi-Shen Decoction Are Associated With Improved Clinical Outcomes in 5/6 Nephrectomized Rats. <i>Frontiers in Pharmacology</i> , 2020, 11, 604.	3.5	15
125	Two genes, <i>rif15</i> and <i>rif16</i> , of the rifamycin biosynthetic gene cluster in <i>Amycolatopsis mediterranei</i> likely encode a transketolase and a P450 monooxygenase, respectively, both essential for the conversion of rifamycin SV into B. <i>Acta Biochimica Et Biophysica Sinica</i> , 2011, 43, 948-956.	2.0	14
126	Complete Genome Sequence of <i>Amycolatopsis mediterranei</i> S699 Based on <i>De Novo</i> Assembly via a Combinatorial Sequencing Strategy. <i>Journal of Bacteriology</i> , 2012, 194, 5699-5700.	2.2	14



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127	Cyclic AMP Inhibits the Activity and Promotes the Acetylation of Acetyl-CoA Synthetase through Competitive Binding to the ATP/AMP Pocket. <i>Journal of Biological Chemistry</i> , 2017, 292, 1374-1384.	3.4	14
128	CRISPR-Cas12a-Assisted Genome Editing in <i>Amycolatopsis mediterranei</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 698.	4.1	14
129	Antagonizing CDK8 Sensitizes Colorectal Cancer to Radiation Through Potentiating the Transcription of e2f1 Target Gene apaf1. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 408.	3.7	14
130	Differences in Neural-Immune Gene Expression Response in Rat Spinal Dorsal Horn Correlates with Variations in Electroacupuncture Analgesia. <i>PLoS ONE</i> , 2012, 7, e42331.	2.5	13
131	RifZ (AMED_0655) Is a Pathway-Specific Regulator for Rifamycin Biosynthesis in <i>Amycolatopsis mediterranei</i> . <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	13
132	Systematic analysis reveals molecular characteristics of ERG-negative prostate cancer. <i>Scientific Reports</i> , 2018, 8, 12868.	3.3	13
133	Decrease of Plasma Platelet-Activating Factor Acetylhydrolase Activity in Lipopolysaccharide Induced Mongolian Gerbil Sepsis Model. <i>PLoS ONE</i> , 2010, 5, e9190.	2.5	12
134	Downregulation of CDC20 Increases Radiosensitivity through Mcl-1/p-Chk1-Mediated DNA Damage and Apoptosis in Tumor Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6692.	4.1	12
135	Reassembly of the Biosynthetic Gene Cluster Enables High Epothilone Yield in Engineered <i>Schlegelella brevitalea</i> . <i>ACS Synthetic Biology</i> , 2020, 9, 2009-2022.	3.8	12
136	Global Insights Into Lysine Acylomes Reveal Crosstalk Between Lysine Acetylation and Succinylation in <i>Streptomyces coelicolor</i> Metabolic Pathways. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100148.	3.8	12
137	Comparison of Fecal Collection Methods on Variation in Gut Metagenomics and Untargeted Metabolomics. <i>MSphere</i> , 2021, 6, e0063621.	2.9	12
138	GlnR Negatively Regulates the Transcription of the Alanine Dehydrogenase Encoding Gene <i>ald</i> in <i>Amycolatopsis mediterranei</i> U32 under Nitrogen Limited Conditions via Specific Binding to Its Major Transcription Initiation Site. <i>PLoS ONE</i> , 2014, 9, e104811.	2.5	12
139	DNA damage-induced translocation of mitochondrial factor HIGD1A into the nucleus regulates homologous recombination and radio/chemo-sensitivity. <i>Oncogene</i> , 2022, 41, 1918-1930.	5.9	12
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