

# Guo-Ping Zhao

## List of Publications by Year in descending order

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209  
papers

10,936  
citations

71102

41  
h-index

38395

95  
g-index

212  
all docs

212  
docs citations

212  
times ranked

14886  
citing authors

#	ARTICLE	IF	CITATIONS
1	H <sub>2</sub> O <sub>2</sub> concentration-dependent kinetics of gene expression: linking the intensity of oxidative stress and mycobacterial physiological adaptation. <i>Emerging Microbes and Infections</i> , 2022, 11, 573-584.	6.5	9
2	Crosstalk between the ancestral type VII secretion system ESX-4 and other T7SS in <i>Mycobacterium marinum</i> . <i>iScience</i> , 2022, 25, 103585.	4.1	5
3	An interactive viral genome evolution network analysis system enabling rapid large-scale molecular tracing of SARS-CoV-2. <i>Science Bulletin</i> , 2022, 67, 665-669.	9.0	9
4	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
5	<i>Escherichia fergusonii</i> , an Underrated Repository for Antimicrobial Resistance in Food Animals. <i>Microbiology Spectrum</i> , 2022, 10, e0161721.	3.0	21
6	Identification of heritable rare variants associated with early-stage lung adenocarcinoma risk. <i>Translational Lung Cancer Research</i> , 2022, 11, 509-522.	2.8	5
7	Ginsenoside Compound K Enhances Fracture Healing via Promoting Osteogenesis and Angiogenesis. <i>Frontiers in Pharmacology</i> , 2022, 13, 855393.	3.5	10
8	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
9	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
10	Dynamic anti-spike protein antibody profiles in COVID-19 patients. <i>International Journal of Infectious Diseases</i> , 2021, 103, 540-548.	3.3	25
11	Mycobacterial fatty acid catabolism is repressed by FdmR to sustain lipogenesis and virulence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	20
12	Engineering the acyltransferase domain of epothilone polyketide synthase to alter the substrate specificity. <i>Microbial Cell Factories</i> , 2021, 20, 86.	4.0	10
13	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
14	Silver nanoparticles protect against arsenic induced genotoxicity via attenuating arsenic bioaccumulation and elevating antioxidation in mammalian cells. <i>Journal of Hazardous Materials</i> , 2021, 413, 125287.	12.4	10
15	On the origin of SARS-CoV-2—The blind watchmaker argument. <i>Science China Life Sciences</i> , 2021, 64, 1560-1563.	4.9	18
16	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
17	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
18	Comparison of Fecal Collection Methods on Variation in Gut Metagenomics and Untargeted Metabolomics. <i>MSphere</i> , 2021, 6, e0063621.	2.9	12

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19	Evolutionary analysis and lineage designation of SARS-CoV-2 genomes. <i>Science Bulletin</i> , 2021, 66, 2297-2311.	9.0	26
20	In vitro Nitrate Reductase Activity Assay of <i>Mycolicibacterium smegmatis</i> Crude Extract. <i>Bio-protocol</i> , 2021, 11, e4098.	0.4	0
21	Editorial: The Role of Different Subcellular Organelles in DNA Damage Response. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 760023.	3.7	0
22	Putative Familial Transmissible Bacteria of Various Body Niches Link with Home Environment and Children's Immune Health. <i>Microbiology Spectrum</i> , 2021, 9, e0087221.	3.0	0
23	Prediction of Radiosensitivity in Head and Neck Squamous Cell Carcinoma Based on Multiple Omics Data. <i>Frontiers in Genetics</i> , 2020, 11, 960.	2.3	8
24	A CRISPR-Cas12a-based specific enhancer for more sensitive detection of SARS-CoV-2 infection. <i>EBioMedicine</i> , 2020, 61, 103036.	6.1	34
25	CRISPR-Cas12a-Assisted Genome Editing in <i>Amycolatopsis mediterranei</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 698.	4.1	14
26	Heterologous redox partners supporting the efficient catalysis of epothilone B biosynthesis by EpoK in <i>Schlegelella brevitalea</i> . <i>Microbial Cell Factories</i> , 2020, 19, 180.	4.0	9
27	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
28	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
29	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
30	GlnR Dominates Rifamycin Biosynthesis by Activating the rif Cluster Genes Transcription Both Directly and Indirectly in <i>Amycolatopsis mediterranei</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 319.	3.5	6
31	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
32	Viral and host factors related to the clinical outcome of COVID-19. <i>Nature</i> , 2020, 583, 437-440.	27.8	746
33	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
34	Pan-Cancer Analysis of Radiotherapy Benefits and Immune Infiltration in Multiple Human Cancers. <i>Cancers</i> , 2020, 12, 957.	3.7	10
35	Deacetylation enhances ParB-DNA interactions affecting chromosome segregation in <i>Streptomyces coelicolor</i> . <i>Nucleic Acids Research</i> , 2020, 48, 4902-4914.	14.5	8
36	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

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37	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
38	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
39	Microbes: the hidden giant behind the biogeochemical cycling of elements in the hydrosphere. <i>Science China Life Sciences</i> , 2019, 62, 1271-1274.	4.9	4
40	Radiation induces apoptosis primarily through the intrinsic pathway in mammalian cells. <i>Cellular Signalling</i> , 2019, 62, 109337.	3.6	38
41	Aging-independent and size-dependent genotoxic response induced by titanium dioxide nanoparticles in mammalian cells. <i>Journal of Environmental Sciences</i> , 2019, 85, 94-106.	6.1	18
42	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. <i>Toxicological Sciences</i> , 2019, 171, 159-171.	3.1	18
43	Efficient circular gene knockout system for strain DSM 7029 and mc 155. <i>Acta Biochimica Et Biophysica Sinica</i> , 2019, 51, 697-706.	2.0	8
44	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
45	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
46	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
47	Metabolic intermediate acetyl phosphate modulates bacterial virulence via acetylation. <i>Emerging Microbes and Infections</i> , 2019, 8, 55-69.	6.5	37
48	CRISPR/dCas12a-based programmable and accurate gene regulation. <i>Cell Discovery</i> , 2019, 5, 15.	6.7	9
49	Housecleaning of pyrimidine nucleotide pool coordinates metabolic adaptation of nongrowing <i>Mycobacterium tuberculosis</i> . <i>Emerging Microbes and Infections</i> , 2019, 8, 40-44.	6.5	8
50	Role of Two-Component System Response Regulator bceR in the Antimicrobial Resistance, Virulence, Biofilm Formation, and Stress Response of Group B Streptococcus. <i>Frontiers in Microbiology</i> , 2019, 10, 10.	3.5	72
51	Modification of the genome topology network and its application to the comparison of group B Streptococcus genomes. <i>BMC Genomics</i> , 2019, 20, 886.	2.8	0
52	tmap: an integrative framework based on topological data analysis for population-scale microbiome stratification and association studies. <i>Genome Biology</i> , 2019, 20, 293.	8.8	20
53	Antiaging Effects of Urolithin A on Replicative Senescent Human Skin Fibroblasts. <i>Rejuvenation Research</i> , 2019, 22, 191-200.	1.8	30
54	iCatch: a new strategy for capturing large DNA fragments using homing endonucleases. <i>Acta Biochimica Et Biophysica Sinica</i> , 2019, 51, 97-103.	2.0	7

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55	A single circular chromosome yeast. <i>Cell Research</i> , 2019, 29, 87-89.	12.0	30
56	Crl activates transcription by stabilizing active conformation of the master stress transcription initiation factor. <i>ELife</i> , 2019, 8, .	6.0	26
57	Site-specificity of serine integrase demonstrated by the <i>attB</i> sequence preference of $\lambda$ integrase. <i>FEBS Letters</i> , 2018, 592, 1389-1399.	2.8	3
58	The cyanobacterial ornithine ammonia cycle involves an arginine dihydrolase. <i>Nature Chemical Biology</i> , 2018, 14, 575-581.	8.0	87
59	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
60	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
61	CRISPR-Cas12a-assisted nucleic acid detection. <i>Cell Discovery</i> , 2018, 4, 20.	6.7	805
62	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
63	CRISPR-Cas12a has both cis- and trans-cleavage activities on single-stranded DNA. <i>Cell Research</i> , 2018, 28, 491-493.	12.0	623
64	N-(3-Oxo-acyl)-homoserine lactone induces apoptosis primarily through a mitochondrial pathway in fibroblasts. <i>Cellular Microbiology</i> , 2018, 20, e12787.	2.1	21
65	Assessment of the cytotoxic and mutagenic potential of the Jialu River and adjacent groundwater using human-hamster hybrid cells. <i>Journal of Environmental Sciences</i> , 2018, 70, 133-143.	6.1	2
66	dbCRSR: a manually curated database for regulation of cancer radiosensitivity. <i>Database: the Journal of Biological Databases and Curation</i> , 2018, 2018, .	3.0	8
67	N-(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
68	Systematic analysis reveals molecular characteristics of ERG-negative prostate cancer. <i>Scientific Reports</i> , 2018, 8, 12868.	3.3	13
69	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
70	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
71	Creating a functional single-chromosome yeast. <i>Nature</i> , 2018, 560, 331-335.	27.8	187
72	Insight into the Molecular Mechanism of the Transcriptional Regulation of <i>amtB</i> Operon in <i>Streptomyces coelicolor</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 264.	3.5	7

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73	GlnR positive transcriptional regulation of the phosphate-specific transport system &lt;math>PstSCAB</math> in &lt;math>Amycolatopsis mediterranei</math> U32. <i>Acta Biochimica Et Biophysica Sinica</i> , 2018, 50, 757-765.	2.0	3
74	TiO <sub>2</sub> nanoparticles enhance bioaccumulation and toxicity of heavy metals in <i>Caenorhabditis elegans</i> via modification of local concentrations during the sedimentation process. <i>Ecotoxicology and Environmental Safety</i> , 2018, 162, 160-169.	6.0	29
75	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
76	A feedback regulatory model for RifQ-mediated repression of rifamycin export in <i>Amycolatopsis mediterranei</i> . <i>Microbial Cell Factories</i> , 2018, 17, 14.	4.0	19
77	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
78	Deciphering the late steps of rifamycin biosynthesis. <i>Nature Communications</i> , 2018, 9, 2342.	12.8	36
79	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
80	Pattern of novel object exploration in cynomolgus monkey <math>Macaca fascicularis</math>. <i>Journal of Medical Primatology</i> , 2017, 46, 19-24.	0.6	1
81	Lysine acetylation regulates the function of the global anaerobic transcription factor FnrL in <math>Rhodospirillum rubrum</math>. <i>Molecular Microbiology</i> , 2017, 104, 278-293.	2.5	10
82	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
83	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
84	The CCTL (Cpf1-assisted Cutting and Taq DNA ligase-assisted Ligation) method for efficient editing of large DNA constructs <math>in vitro</math>. <i>Nucleic Acids Research</i> , 2017, 45, gkx018.	14.5	51
85	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
86	Multiplex gene regulation by CRISPR-ddCpf1. <i>Cell Discovery</i> , 2017, 3, 17018.	6.7	151
87	Conjugation of $\phi$ -BT1-derived integrative plasmid pDZL802 in <i>Amycolatopsis mediterranei</i> U32. <i>Bioengineered</i> , 2017, 8, 549-554.	3.2	7
88	Development of dual-fluorescence cell-based biosensors for detecting the influence of environmental factors on nanoparticle toxicity. <i>Chemosphere</i> , 2017, 171, 177-184.	8.2	3
89	Morphology engineering of <i>Streptomyces coelicolor</i> M145 by sub-inhibitory concentrations of antibiotics. <i>Scientific Reports</i> , 2017, 7, 13226.	3.3	28
90	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

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91	Identification of mycobacterial bacterioferritin B for immune screening of tuberculosis and latent tuberculosis infection. <i>Tuberculosis</i> , 2017, 107, 119-125.	1.9	8
92	Protocols for C-Brick DNA Standard Assembly Using Cpf1. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	3
93	Alpha-ketoglutarate protects <i>Streptomyces coelicolor</i> from visible light-induced phototoxicity. <i>Biochemistry and Biophysics Reports</i> , 2017, 9, 22-28.	1.3	3
94	Bxb1 integrase serves as a highly efficient DNA recombinase in rapid metabolite pathway assembly. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 44-50.	2.0	20
95	The genome of serotype VI <i>Streptococcus agalactiae</i> serotype VI and comparative analysis. <i>Gene</i> , 2017, 597, 59-65.	2.2	10
96	A Novel and Efficient Method for Bacteria Genome Editing Employing both CRISPR/Cas9 and an Antibiotic Resistance Cassette. <i>Frontiers in Microbiology</i> , 2017, 8, 812.	3.5	37
97	Characterization of the Ca <sup>2+</sup> -responsive signaling pathway in regulating the expression and secretion of cellulases in <i>Trichoderma reesei</i> Rut-30. <i>Molecular Microbiology</i> , 2016, 100, 560-575.	2.5	85
98	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
99	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
100	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
101	Investigating the environmental factors affecting the toxicity of silver nanoparticles in <i>Escherichia coli</i> with dual fluorescence analysis. <i>Chemosphere</i> , 2016, 155, 329-335.	8.2	6
102	A systematic study of the whole genome sequence of <i>Amycolatopsis methanolica</i> strain 239 T provides an insight into its physiological and taxonomic properties which correlate with its position in the genus. <i>Synthetic and Systems Biotechnology</i> , 2016, 1, 169-186.	3.7	29
103	Direct Involvement of the Master Nitrogen Metabolism Regulator GlnR in Antibiotic Biosynthesis in <i>Streptomyces</i> . <i>Journal of Biological Chemistry</i> , 2016, 291, 26443-26454.	3.4	55
104	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
105	C-Brick: A New Standard for Assembly of Biological Parts Using Cpf1. <i>ACS Synthetic Biology</i> , 2016, 5, 1383-1388.	3.8	53
106	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
107	Molecular evidence for the coordination of nitrogen and carbon metabolisms, revealed by a study on the transcriptional regulation of the agl3EFG operon that encodes a putative carbohydrate transporter in <i>Streptomyces coelicolor</i> . <i>Biochemical and Biophysical Research Communications</i> , 2016, 471, 510-514.	2.1	11
108	<i>Streptomyces yangpuensis</i> sp. nov., isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 1224-1229.	1.7	6

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109	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
110	N-(3-oxo-acyl) homoserine lactone inhibits tumor growth independent of Bcl-2 proteins. <i>Oncotarget</i> , 2016, 7, 5924-5942.	1.8	18
111	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
112	Inhibiting cell migration and cell invasion by silencing the transcription factor ETS-1 in human bladder cancer. <i>Oncotarget</i> , 2016, 7, 25125-25134.	1.8	7
113	<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
114	Site-specific recombination for cloning of large DNA fragments in vitro. <i>Engineering in Life Sciences</i> , 2015, 15, 655-659.	3.6	8
115	Draft Genome Sequence of the Streptothricin-Producing Strain <i>Streptomyces</i> sp. fd2-tb. <i>Genome Announcements</i> , 2015, 3, .	0.8	0
116	NGSmirPlant: comprehensive characterization of the small RNA transcriptomes of plants. <i>Protein and Cell</i> , 2015, 6, 397-402.	11.0	3
117	Production of bioactive ginsenosides Rh2 and Rg3 by metabolically engineered yeasts. <i>Metabolic Engineering</i> , 2015, 29, 97-105.	7.0	162
118	Characterization of <i>Panax ginseng</i> 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
119	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
120	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
121	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
122	Precise characterization of GlnR Box in actinomycetes. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 605-607.	2.1	16
123	Comparing <i>Mycobacterium tuberculosis</i> genomes using genome topology networks. <i>BMC Genomics</i> , 2015, 16, 85.	2.8	5
124	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
125	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
126	Complete genome sequence of the glidobactin producing strain [ <i>Polyangium</i> ] <i>brachysporum</i> DSM 7029. <i>Journal of Biotechnology</i> , 2015, 210, 83-84.	3.8	18



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127	MEGA (Multiple Essential Genes Assembling) Deletion and Replacement Method for Genome Reduction in <i>Escherichia coli</i> . ACS Synthetic Biology, 2015, 4, 700-706.	3.8	15
128	Insight into Dominant Cellulolytic Bacteria from Two Biogas Digesters and Their Glycoside Hydrolase Genes. PLoS ONE, 2015, 10, e0129921.	2.5	38
129	The First Complete Genome Sequence of the Class Fimbriimonadia in the Phylum Armatimonadetes. PLoS ONE, 2014, 9, e100794.	2.5	16
130	Subdomain II of Î±-Isopropylmalate Synthase Is Essential for Activity. Journal of Biological Chemistry, 2014, 289, 27966-27978.	3.4	18
131	Production of bioactive ginsenoside compound K in metabolically engineered yeast. Cell Research, 2014, 24, 770-773.	12.0	201
132	Re-characterization of an extrachromosomal circular plasmid in the pathogenic Leptospira interrogans serovar Lai strain 56601. Acta Biochimica Et Biophysica Sinica, 2014, 46, 605-611.	2.0	6
133	Chronic alcohol consumption from adolescence to adulthood in mice â€œ Hypothalamic gene expression changes in insulin-signaling pathway. Alcohol, 2014, 48, 571-578.	1.7	3
134	Atypical OmpR/PhoB Subfamily Response Regulator GlnR of Actinomycetes Functions as a Homodimer, Stabilized by the Unphosphorylated Conserved Asp-focused Charge Interactions. Journal of Biological Chemistry, 2014, 289, 15413-15425.	3.4	38
135	Complete genome sequence and comparative genomic analyses of the vancomycin-producing Amycolatopsis orientalis. BMC Genomics, 2014, 15, 363.	2.8	68
136	Chronic alcohol consumption from adolescence-to-adulthood in mice - hypothalamic gene expression changes in the dilated cardiomyopathy signaling pathway. BMC Neuroscience, 2014, 15, 61.	1.9	11
137	GlnR Negatively Regulates the Transcription of the Alanine Dehydrogenase Encoding Gene ald in Amycolatopsis mediterranei U32 under Nitrogen Limited Conditions via Specific Binding to Its Major Transcription Initiation Site. PLoS ONE, 2014, 9, e104811.	2.5	12
138	iBrick: A New Standard for Iterative Assembly of Biological Parts with Homing Endonucleases. PLoS ONE, 2014, 9, e110852.	2.5	21
139	Noxa couples lysosomal membrane permeabilization and apoptosis during oxidative stress. Free Radical Biology and Medicine, 2013, 65, 26-37.	2.9	36
140	ContigScape: a Cytoscape plugin facilitating microbial genome gap closing. BMC Genomics, 2013, 14, 289.	2.8	34
141	Identification of two-component system <i>AfsQ1/Q2</i> regulon and its cross-regulation with <i>GlnR</i> in <i>S. treptomyces coelicolor</i> . Molecular Microbiology, 2013, 87, 30-48.	2.5	94
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