Dongsheng Zhou

List of Publications by Citations

205 papers	4,983 citations	37 h-index	61 g-index
219 ext. papers	6,552 ext. citations	5.5 avg, IF	5.1 L-index

#	Paper	IF	Citations
205	Historical variations in mutation rate in an epidemic pathogen, Yersinia pestis. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 577-82	11.5	284
204	A Thermostable mRNA Vaccine against COVID-19. *Cell*, **2020**, 182, 1271-1283.e16	56.2	255
203	Complete genome sequence of Yersinia pestis strain 91001, an isolate avirulent to humans. *DNA Research*, **2004**, 11, 179-97	4.5	201
202	Genetics of metabolic variations between Yersinia pestis biovars and the proposal of a new biovar, microtus. *Journal of Bacteriology*, **2004**, 186, 5147-52	3.5	172
201	Molecular pathogenesis of Klebsiella pneumoniae. *Future Microbiology*, **2014**, 9, 1071-81	2.9	151
200	Biofilm-associated infections: antibiotic resistance and novel therapeutic strategies. *Future Microbiology*, **2013**, 8, 877-86	2.9	115
199	Antibody responses to individual proteins of SARS coronavirus and their neutralization activities. *Microbes and Infection*, **2005**, 7, 882-9	9.3	109
198	DNA microarray analysis of genome dynamics in Yersinia pestis: insights into bacterial genome microevolution and niche adaptation. *Journal of Bacteriology*, **2004**, 186, 5138-46	3.5	93
197	Microarray analysis of temperature-induced transcriptome of Yersinia pestis. *Microbiology and Immunology*, **2004**, 48, 791-805	2.7	86
196	The iron-responsive Fur regulon in Yersinia pestis. *Journal of Bacteriology*, **2008**, 190, 3063-75	3.5	85
195	Protein microarray for profiling antibody responses to Yersinia pestis live vaccine. *Infection and Immunity*, **2005**, 73, 3734-9	3.7	84
194	Epidemic Clones, Oceanic Gene Pools, and Eco-LD in the Free Living Marine Pathogen Vibrio parahaemolyticus. *Molecular Biology and Evolution*, **2015**, 32, 1396-410	8.3	63
193	The cyclic AMP receptor protein, CRP, is required for both virulence and expression of the minimal CRP regulon in Yersinia pestis biovar microtus. *Infection and Immunity*, **2008**, 76, 5028-37	3.7	63
192	Global analysis of iron assimilation and fur regulation in Yersinia pestis. *FEMS Microbiology Letters*, **2006**, 258, 9-17	2.9	61
191	Comparative and evolutionary genomics of Yersinia pestis. *Microbes and Infection*, **2004**, 6, 1226-34	9.3	59
190	A novel enzyme-linked immunosorbent assay for detection of Escherichia coli O157:H7 using immunomagnetic and beacon gold nanoparticles. *Gut Pathogens*, **2014**, 6, 14	5.4	57
189	Molecular and physiological insights into plague transmission, virulence and etiology. *Microbes and Infection*, **2006**, 8, 273-84	9.3	57

188	DNA microarray analysis of the heat- and cold-shock stimulons in Yersinia pestis. *Microbes and Infection*, **2005**, 7, 335-48	9.3	56
187	Coexistence of a novel KPC-2-encoding MDR plasmid and an NDM-1-encoding pNDM-HN380-like plasmid in a clinical isolate of Citrobacter freundii. *Journal of Antimicrobial Chemotherapy*, **2015**, 70, 2987-91	5.1	55
186	Different region analysis for genotyping Yersinia pestis isolates from China. *PLoS ONE*, **2008**, 3, e2166	3.7	55
185	Antigenicity analysis of different regions of the severe acute respiratory syndrome coronavirus nucleocapsid protein. *Clinical Chemistry*, **2004**, 50, 988-95	5.5	54
184	Transcriptome analysis of the Mg2+-responsive PhoP regulator in Yersinia pestis. *FEMS Microbiology Letters*, **2005**, 250, 85-95	2.9	53
183	Analysis of the three Yersinia pestis CRISPR loci provides new tools for phylogenetic studies and possibly for the investigation of ancient DNA. *Advances in Experimental Medicine and Biology*, **2007**, 603, 327-38	3.6	51
182	Determination of sRNA expressions by RNA-seq in Yersinia pestis grown in vitro and during infection. *PLoS ONE*, **2013**, 8, e74495	3.7	51
181	AphA is required for biofilm formation, motility, and virulence in pandemic Vibrio parahaemolyticus. *International Journal of Food Microbiology*, **2013**, 160, 245-51	5.8	48
180	Characterization of Zur-dependent genes and direct Zur targets in Yersinia pestis. *BMC Microbiology*, **2009**, 9, 128	4.5	48
179	NDM-1 encoded by a pNDM-BJ01-like plasmid p3SP-NDM in clinical Enterobacter aerogenes. *Frontiers in Microbiology*, **2015**, 6, 294	5.7	47
178	Molecular Darwinian evolution of virulence in Yersinia pestis. *Infection and Immunity*, **2009**, 77, 2242-50	3.7	47
177	Genome plasticity of Vibrio parahaemolyticus: microevolution of the Ppandemic groupR. *BMC Genomics*, **2008**, 9, 570	4.5	46
176	Transcriptional regulation of opaR, qrr2-4 and aphA by the master quorum-sensing regulator OpaR in Vibrio parahaemolyticus. *PLoS ONE*, **2012**, 7, e34622	3.7	45
175	Comparative transcriptome analysis of Yersinia pestis in response to hyperosmotic and high-salinity stress. *Research in Microbiology*, **2005**, 156, 403-15	4	42
174	Dissemination of IMP-4-encoding pIMP-HZ1-related plasmids among Klebsiella pneumoniae and Pseudomonas aeruginosa in a Chinese teaching hospital. *Scientific Reports*, **2016**, 6, 33419	4.9	41
173	Production of plasmid-encoding NDM-1 in clinical Raoultella ornithinolytica and Leclercia adecarboxylata from China. *Frontiers in Microbiology*, **2015**, 6, 458	5.7	41
172	Complete sequences of KPC-2-encoding plasmid p628-KPC and CTX-M-55-encoding p628-CTXM coexisted in Klebsiella pneumoniae. *Frontiers in Microbiology*, **2015**, 6, 838	5.7	41
171	Mapping and role of T cell response in SARS-CoV-2-infected mice. *Journal of Experimental Medicine*, **2021**, 218,	16.6	41

170	Extended MLST-based population genetics and phylogeny of Vibrio parahaemolyticus with high levels of recombination. *International Journal of Food Microbiology*, **2011**, 145, 106-12	5.8	39
169	Global analysis of gene transcription regulation in prokaryotes. *Cellular and Molecular Life Sciences*, **2006**, 63, 2260-90	10.3	39
168	Live-attenuated Yersinia pestis vaccines. *Expert Review of Vaccines*, **2013**, 12, 677-86	5.2	37
167	Regulatory effects of cAMP receptor protein (CRP) on porin genes and its own gene in Yersinia pestis. *BMC Microbiology*, **2011**, 11, 40	4.5	37
166	Phenotypic and transcriptional analysis of the osmotic regulator OmpR in Yersinia pestis. *BMC Microbiology*, **2011**, 11, 39	4.5	34
165	Cold-induced gene expression profiles of Vibrio parahaemolyticus: a time-course analysis. *FEMS Microbiology Letters*, **2009**, 291, 50-8	2.9	34
164	The IncP-6 Plasmid p10265-KPC from Pseudomonas aeruginosa Carries a Novel ISEc33-Associated bla KPC-2 Gene Cluster. *Frontiers in Microbiology*, **2016**, 7, 310	5.7	34
163	Outer membrane proteins ail and OmpF of Yersinia pestis are involved in the adsorption of T7-related bacteriophage Yep-phi. *Journal of Virology*, **2013**, 87, 12260-9	6.6	33
162	Pseudogene accumulation might promote the adaptive microevolution of Yersinia pestis. *Journal of Medical Microbiology*, **2005**, 54, 259-268	3.2	33
161	Transcriptional profiling of a mice plague model: insights into interaction between Yersinia pestis and its host. *Journal of Basic Microbiology*, **2009**, 49, 92-9	2.7	32
160	Sequencing and comparative genomics analysis of the IncHI2 plasmids pT5282-mphA and p112298-catA and the IncHI5 plasmid pYNKP001-dfrA. *International Journal of Antimicrobial Agents*, **2017**, 49, 709-718	14.3	31
159	H-NS is a repressor of major virulence gene loci in Vibrio parahaemolyticus. *Frontiers in Microbiology* , **2014**, 5, 675	5.7	31
158	Molecular characterization of direct target genes and cis-acting consensus recognized by quorum-sensing regulator AphA in Vibrio parahaemolyticus. *PLoS ONE*, **2012**, 7, e44210	3.7	31
157	Formation and regulation of Yersinia biofilms. *Protein and Cell*, **2011**, 2, 173-9	7.2	31
156	Emergence of a Multidrug-Resistant Hypervirulent Klebsiella pneumoniae Sequence Type 23 Strain with a Rare -Harboring Virulence Plasmid. *Antimicrobial Agents and Chemotherapy*, **2019**, 63,	5.9	31
155	Ambient stable quantitative PCR reagents for the detection of Yersinia pestis. *PLoS Neglected Tropical Diseases*, **2010**, 4, e629	4.8	29
154	Comparative transcriptomics in Yersinia pestis: a global view of environmental modulation of gene expression. *BMC Microbiology*, **2007**, 7, 96	4.5	29
153	Fur is a repressor of biofilm formation in Yersinia pestis. *PLoS ONE*, **2012**, 7, e52392	3.7	29

152	Circular RNA profiling provides insights into their subcellular distribution and molecular characteristics in HepG2 cells. *RNA Biology*, **2019**, 16, 220-232	4.8	29
151	IL-17A produced by neutrophils protects against pneumonic plague through orchestrating IFN-□activated macrophage programming. *Journal of Immunology*, **2014**, 192, 704-13	5.3	28
150	Identification and characterization of PhoP regulon members in Yersinia pestis biovar Microtus. *BMC Genomics*, **2008**, 9, 143	4.5	28
149	Autoregulation of PhoP/PhoQ and positive regulation of the cyclic AMP receptor protein-cyclic AMP complex by PhoP in Yersinia pestis. *Journal of Bacteriology*, **2013**, 195, 1022-30	3.5	27
148	Recent mixing of Vibrio parahaemolyticus populations. *ISME Journal*, **2019**, 13, 2578-2588	11.9	26
147	RcsAB is a major repressor of Yersinia biofilm development through directly acting on hmsCDE, hmsT, and hmsHFRS. *Scientific Reports*, **2015**, 5, 9566	4.9	26
146	Survey and rapid detection of Klebsiella pneumoniae in clinical samples targeting the rcsA gene in Beijing, China. *Frontiers in Microbiology*, **2015**, 6, 519	5.7	26
145	Genetic variations of live attenuated plague vaccine strains (Yersinia pestis EV76 lineage) during laboratory passages in different countries. *Infection, Genetics and Evolution*, **2014**, 26, 172-9	4.5	25
144	Molecular characterization of transcriptional regulation of rovA by PhoP and RovA in Yersinia pestis. *PLoS ONE*, **2011**, 6, e25484	3.7	25
143	Identification of signature genes for rapid and specific characterization of Yersinia pestis. *Microbiology and Immunology*, **2004**, 48, 263-9	2.7	25
142	Genetic characterization of two fully sequenced multi-drug resistant plasmids pP10164-2 and pP10164-3 from Leclercia adecarboxylata. *Scientific Reports*, **2016**, 6, 33982	4.9	25
141	Direct and negative regulation of the sycO-ypkA-ypoJ operon by cyclic AMP receptor protein (CRP) in Yersinia pestis. *BMC Microbiology*, **2009**, 9, 178	4.5	24
140	Quorum sensing modulates transcription of cpsQ-mfpABC and mfpABC in Vibrio parahaemolyticus. *International Journal of Food Microbiology*, **2013**, 166, 458-63	5.8	23
139	Transcriptional Regulation of the Type VI Secretion System 1 Genes by Quorum Sensing and ToxR in. *Frontiers in Microbiology*, **2017**, 8, 2005	5.7	23
138	Involvement of cAMP receptor protein in biofilm formation, fimbria production, capsular polysaccharide biosynthesis and lethality in mouse of Klebsiella pneumoniae serotype K1 causing pyogenic liver abscess. *Journal of Medical Microbiology*, **2017**, 66, 1-7	3.2	23
137	Whole-cell biotransformation systems for reduction of prochiral carbonyl compounds to chiral alcohol in Escherichia coli. *Scientific Reports*, **2014**, 4, 6750	4.9	22
136	Antibody profiling in plague patients by protein microarray. *Microbes and Infection*, **2008**, 10, 45-51	9.3	22
135	Genome-wide transcriptional response of Yersinia pestis to stressful conditions simulating phagolysosomal environments. *Microbes and Infection*, **2006**, 8, 2669-78	9.3	21

134	Global gene expression profile of Yersinia pestis induced by streptomycin. *FEMS Microbiology Letters*, **2005**, 243, 489-96	2.9	21
133	Genetic characterization of a novel blaDIM-2-carrying megaplasmid p12969-DIM from clinical Pseudomonas putida. *Journal of Antimicrobial Chemotherapy*, **2016**, 71, 909-12	5.1	20
132	Plasmid-encoding extended-spectrum β-lactamase CTX-M-55 in a clinical Shigella sonnei strain, China. *Future Microbiology*, **2014**, 9, 1143-50	2.9	20
131	Comparative analysis of KPC-2-encoding chimera plasmids with multi-replicon IncR:Inc:IncN1 or IncFII:Inc:IncN1. *Infection and Drug Resistance*, **2019**, 12, 285-296	4.2	19
130	Plasmid and chromosomal integration of four novel blaIMP-carrying transposons from Pseudomonas aeruginosa, Klebsiella pneumoniae and an Enterobacter sp. *Journal of Antimicrobial Chemotherapy*, **2018**, 73, 3005-3015	5.1	19
129	Cell density- and quorum sensing-dependent expression of type VI secretion system 2 in Vibrio parahaemolyticus. *PLoS ONE*, **2013**, 8, e73363	3.7	19
128	Mitochondrial complex I bridges a connection between regulation of carbon flexibility and gastrointestinal commensalism in the human fungal pathogen Candida albicans. *PLoS Pathogens*, **2017**, 13, e1006414	7.6	19
127	Dissemination of KPC-2-Encoding IncX6 Plasmids Among Multiple Species in a Single Chinese Hospital. *Frontiers in Microbiology*, **2018**, 9, 478	5.7	18
126	"Roar" of blaNDM-1 and "silence" of blaOXA-58 co-exist in Acinetobacter pittii. *Scientific Reports*, **2015**, 5, 8976	4.9	18
125	Microarray expression profiling of Yersinia pestis in response to chloramphenicol. *FEMS Microbiology Letters*, **2006**, 263, 26-31	2.9	18
124	Ultrasmall Fe-doped carbon dots nanozymes for photoenhanced antibacterial therapy and wound healing.. *Bioactive Materials*, **2022**, 12, 246-256	16.7	18
123	Use of recombinant porcine β-defensin 2 as a medicated feed additive for weaned piglets. *Scientific Reports*, **2016**, 6, 26790	4.9	17
122	Genomic comparison of Yersinia pestis and Yersinia pseudotuberculosis by combination of suppression subtractive hybridization and DNA microarray. *Archives of Microbiology*, **2006**, 186, 151-9	3	17
121	Defining the genome content of live plague vaccines by use of whole-genome DNA microarray. *Vaccine*, **2004**, 22, 3367-74	4.1	17
120	Sequencing and Genomic Diversity Analysis of IncHI5 Plasmids. *Frontiers in Microbiology*, **2018**, 9, 3318	5.7	17
119	Co-occurrence of 3 different resistance plasmids in a multi-drug resistant Cronobacter sakazakii isolate causing neonatal infections. *Virulence*, **2018**, 9, 110-120	4.7	17
118	Rapid degradation of Hfq-free RyhB in Yersinia pestis by PNPase independent of putative ribonucleolytic complexes. *BioMed Research International*, **2014**, 2014, 798918	3	16
117	Regulation of pathogenicity by noncoding RNAs in bacteria. *Future Microbiology*, **2013**, 8, 579-91	2.9	16

116	A novel PCR-based genotyping scheme for clinical Klebsiella pneumoniae. *Future Microbiology*, **2014**, 9, 21-32	2.9	15
115	IMP-1 encoded by a novel Tn402-like class 1 integron in clinical Achromobacter xylosoxidans, China. *Scientific Reports*, **2014**, 4, 7212	4.9	15
114	HmsB enhances biofilm formation in Yersinia pestis. *Frontiers in Microbiology*, **2014**, 5, 685	5.7	15
113	Physiological and regulatory characterization of KatA and KatY in Yersinia pestis. *DNA and Cell Biology*, **2008**, 27, 453-62	3.6	15
112	Quorum sensing affects virulence-associated proteins F1, LcrV, KatY and pH6 etc. of Yersinia pestis as revealed by protein microarray-based antibody profiling. *Microbes and Infection*, **2006**, 8, 2501-8	9.3	15
111	Reciprocal regulation of Yersinia pestis biofilm formation and virulence by RovM and RovA. *Open Biology*, **2016**, 6,	7	15
110	Structural genomics of pNDM-BTR harboring In191 and Tn6360, and other bla -carrying IncN1 plasmids. *Future Microbiology*, **2017**, 12, 1271-1281	2.9	14
109	Enhanced protection against Q fever in BALB/c mice elicited by immunization of chloroform-methanol residue of Coxiella burnetii via intratracheal inoculation. *Vaccine*, **2019**, 37, 6076-6084	4.1	14
108	Sequencing of -Carrying IncN2 Plasmids, and Comparative Genomics of IncN2 Plasmids Harboring Class 1 Integrons. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 102	5.9	14
107	Expression of the type VI secretion system 1 component Hcp1 is indirectly repressed by OpaR in Vibrio parahaemolyticus. *Scientific World Journal, The*, **2012**, 2012, 982140	2.2	14
106	Reciprocal regulation of pH 6 antigen gene loci by PhoP and RovA in Yersinia pestis biovar Microtus. *Future Microbiology*, **2013**, 8, 271-80	2.9	14
105	Gene expression profiling of Yersinia pestis with deletion of lcrG, a known negative regulator for Yop secretion of type III secretion system. *International Journal of Medical Microbiology*, **2009**, 299, 355-66	3.7	14
104	Identification of different regions among strains of Yersinia pestis by suppression subtractive hybridization. *Research in Microbiology*, **2005**, 156, 785-9	4	14
103	Transcriptional regulation of cpsQ-mfpABC and mfpABC by CalR in Vibrio parahaemolyticus. *MicrobiologyOpen*, **2017**, 6, e00470	3.4	13
102	Coexistence of two novel resistance plasmids, bla-carrying p14057A and tetA(A) -carrying p14057B, in Pseudomonas aeruginosa. *Virulence*, **2018**, 9, 306-311	4.7	13
101	Genomic characterization of novel IncFII-type multidrug resistant plasmids p0716-KPC and p12181-KPC from Klebsiella pneumoniae. *Scientific Reports*, **2017**, 7, 5830	4.9	13
100	Acquisition of maternal antibodies both from the placenta and by lactation protects mouse offspring from Yersinia pestis challenge. *Vaccine Journal*, **2012**, 19, 1746-50		13
99	The low-salt stimulon in Vibrio parahaemolyticus. *International Journal of Food Microbiology*, **2010**, 137, 49-54	5.8	13

98	Regulatory actions of ToxR and CalR on their own genes and type III secretion system 1 in. *Oncotarget*, **2017**, 8, 65809-65822	3.3	13
97	Replicon-Based Typing of IncI-Complex Plasmids, and Comparative Genomics Analysis of IncI□K1 Plasmids. *Frontiers in Microbiology*, **2019**, 10, 48	5.7	13
96	Quorum sensing regulates the transcription of lateral flagellar genes in. *Future Microbiology*, **2019**, 14, 1043-1053	2.9	13
95	QsvR integrates into quorum sensing circuit to control Vibrio parahaemolyticus virulence. *Environmental Microbiology*, **2019**, 21, 1054-1067	5.2	13
94	The type I-E CRISPR-Cas system influences the acquisition of -IncF plasmid in. *Emerging Microbes and Infections*, **2020**, 9, 1011-1022	18.9	12
93	pSY153-MDR, a p12969-DIM-related mega plasmid carrying and , from clinical. *Oncotarget*, **2017**, 8, 68439-68447	5.9	12
92	Omics strategies for revealing Yersinia pestis virulence. *Frontiers in Cellular and Infection Microbiology*, **2012**, 2, 157	5.9	12
91	CRP Is an Activator of Yersinia pestis Biofilm Formation that Operates via a Mechanism Involving gmhA and waaAE-coaD. *Frontiers in Microbiology*, **2016**, 7, 295	5.7	12
90	Real time monitoring of Aeromonas salmonicida evolution in response to successive antibiotic therapies in a commercial fish farm. *Environmental Microbiology*, **2019**, 21, 1113-1123	5.2	12
89	Autoregulation of ToxR and Its Regulatory Actions on Major Virulence Gene Loci in. *Frontiers in Cellular and Infection Microbiology*, **2018**, 8, 291	5.9	12
88	Vibrio parahaemolyticus CalR down regulates the thermostable direct hemolysin (TDH) gene transcription and thereby inhibits hemolytic activity. *Gene*, **2017**, 613, 39-44	3.8	11
87	CalR is required for the expression of T6SS2 and the adhesion of Vibrio parahaemolyticus to HeLa cells. *Archives of Microbiology*, **2017**, 199, 931-938	3	11
86	The first report of detecting the blaSIM-2 gene and determining the complete sequence of the SIM-encoding plasmid. *Clinical Microbiology and Infection*, **2016**, 22, 347-351	9.5	11
85	Genetic Characterization of a -Carrying IncP-7□Plasmid p1160-VIM and a -Harboring Integrative and Conjugative Element Tn From Clinical. *Frontiers in Microbiology*, **2019**, 10, 213	5.7	10
84	Biosafety and biosecurity. *Journal of Biosafety and Biosecurity*, **2019**, 1, 15-18	1.4	10
83	MLST-based inference of genetic diversity and population structure of clinical Klebsiella pneumoniae, China. *Scientific Reports*, **2015**, 5, 7612	4.9	10
82	A novel genotyping scheme for Vibrio parahaemolyticus with combined use of large variably-presented gene clusters (LVPCs) and variable-number tandem repeats (VNTRs). *International Journal of Food Microbiology*, **2011**, 149, 143-51	5.8	10
81	Identification of gene clusters associated with host adaptation and antibiotic resistance in Chinese Staphylococcus aureus isolates by microarray-based comparative genomics. *PLoS ONE*, **2013**, 8, e53341	3.7	10

80	The First Report of a Fully Sequenced Resistance Plasmid from. *Frontiers in Microbiology*, **2016**, 7, 1579	5.7	10
79	Plasmid pPCP1-derived sRNA HmsA promotes biofilm formation of Yersinia pestis. *BMC Microbiology*, **2016**, 16, 176	4.5	10
78	Comparative genomics of five different resistance plasmids coexisting in a clinical multi-drug resistant isolate. *Infection and Drug Resistance*, **2018**, 11, 1447-1460	4.2	9
77	Comparative analysis of - and -carrying IncFII-family pKPC-LK30/pHN7A8 hybrid plasmids from CG258 strains disseminated among multiple Chinese hospitals. *Infection and Drug Resistance*, **2018**, 11, 1783-1793	4.2	9
76	Genomic diversification of IncR plasmids from China. *Journal of Global Antimicrobial Resistance*, **2019**, 19, 358-364	3.4	8
75	Plasmids of novel incompatibility group IncpRBL16 from Pseudomonas species. *Journal of Antimicrobial Chemotherapy*, **2020**, 75, 2093-2100	5.1	8
74	Transcriptional regulation of the waaAE-coaD operon by PhoP and RcsAB in Yersinia pestis biovar Microtus. *Protein and Cell*, **2014**, 5, 940-4	7.2	8
73	Kinetics of memory B cell and plasma cell responses in the mice immunized with plague vaccines. *Scandinavian Journal of Immunology*, **2014**, 79, 157-62	3.4	8
72	Cyclic AMP receptor protein is a repressor of adenylyl cyclase gene cyaA in Yersinia pestis. *Canadian Journal of Microbiology*, **2013**, 59, 304-10	3.2	8
71	Yersinia genome diversity disclosed by Yersinia pestis genome-wide DNA microarray. *Canadian Journal of Microbiology*, **2007**, 53, 1211-21	3.2	8
70	Surface Wettability of Nanoparticle Modulated Sonothrombolysis. *Advanced Materials*, **2021**, 33, e2007073	27.4	8
69	Detection of microbial aerosols in hospital wards and molecular identification and dissemination of drug resistance of Escherichia coli. *Environment International*, **2020**, 137, 105479	12.9	7
68	Bioluminescent tracking of colonization and clearance dynamics of plasmid-deficient Yersinia pestis strains in a mouse model of septicemic plague. *Microbes and Infection*, **2014**, 16, 214-24	9.3	7
67	First report of liver abscess caused by Salmonella enterica serovar Dublin. *Journal of Clinical Microbiology*, **2013**, 51, 3140-2	9.7	7
66	DNA microarray analysis of acid-responsive genes of Streptococcus suis serotype 2. *Annals of Microbiology*, **2011**, 61, 505-510	3.2	7
65	Type 1, 2, and 1/2-Hybrid IncC Plasmids From China. *Frontiers in Microbiology*, **2019**, 10, 2508	5.7	7
64	Microarray analysis of temperature-induced transcriptome of Streptococcus suis serotype 2. *Vector-Borne and Zoonotic Diseases*, **2011**, 11, 215-21	2.4	6
63	The epidemic of Q fever in 2018 to 2019 in Zhuhai city of China determined by metagenomic next-generation sequencing. *PLoS Neglected Tropical Diseases*, **2021**, 15, e0009520	4.8	6

62	Degradable Pseudo Conjugated Polymer Nanoparticles with NIR-II Photothermal Effect and Cationic Quaternary Phosphonium Structural Bacteriostasis for Anti-Infection Therapy.. *Advanced Science*, **2022**, e2200732	13.6	6
61	Sequencing of pT5282-CTXM, p13190-KPC and p30860-NR, and comparative genomics analysis of IncX8 plasmids. *International Journal of Antimicrobial Agents*, **2018**, 52, 210-217	14.3	5
60	Isolation and characterization of 89K pathogenicity island-positive ST-7 strains of Streptococcus suis serotype 2 from healthy pigs, Northeast China. *Scientific World Journal, The*, **2012**, 2012, 302386	2.2	5
59	Pathological damage, immune-related protein expression, and oxidative stress in lungs of BALB/c mice induced by haze PM2.5 biological components exposure. *Atmospheric Environment*, **2020**, 223, 117230	5.3	5
58	The type VI secretion system 2 of Vibrio parahaemolyticus is regulated by QsvR. *Microbial Pathogenesis*, **2020**, 149, 104579	3.8	5
57	Novel Chromosome-Borne Accessory Genetic Elements Carrying Multiple Antibiotic Resistance Genes in. *Frontiers in Cellular and Infection Microbiology*, **2021**, 11, 638087	5.9	5
56	Precision Methylome and in vivo Methylation Kinetics Characterization of Klebsiella Pneumoniae. *Genomics, Proteomics and Bioinformatics*, **2021**,	6.5	5
55	CRP acts as a transcriptional repressor of the YPO1635-phoPQ-YPO1632 operon in Yersinia pestis. *Current Microbiology*, **2015**, 70, 398-403	2.4	4
54	Genetic characterization of novel class 1 Integrons In0, In1069 and In1287 to In1290, and the inference of In1069-associated integron evolution in. *Antimicrobial Resistance and Infection Control*, **2017**, 6, 84	6.2	4
53	H-NS represses transcription of the flagellin gene lafA of lateral flagella in Vibrio parahaemolyticus. *Canadian Journal of Microbiology*, **2018**, 64, 69-74	3.2	4
52	Complete Genome Sequence of Multidrug-Resistant Citrobacter freundii Strain P10159, Isolated from Urine Samples from a Patient with Esophageal Carcinoma. *Genome Announcements*, **2016**, 4,		4
51	Transcriptional regulation mechanism of ter operon by OxyR in Yersinia pestis. *Current Microbiology* , **2014**, 69, 42-6	2.4	4
50	p1220-CTXM, a pKP048-related IncFII plasmid carrying bla and qnrB4. *Future Microbiology*, **2017**, 12, 1035-1043	2.9	4
49	Comparative genomics of type 1 IncC plasmids from China. *Future Microbiology*, **2017**, 12, 1511-1522	2.9	4
48	Altered Transcriptome of the B. melitensis Vaccine Candidate 16M□jbR, Implications for Development of Genetically Marked Live Vaccine. *Indian Journal of Microbiology*, **2012**, 52, 575-80	3.7	4
47	DNA microarray-based global transcriptional profiling of Yersinia pestis in multicellularity. *Journal of Microbiology*, **2008**, 46, 557-63	3	4
46	OpaR Controls the Metabolism of c-di-GMP in. *Frontiers in Microbiology*, **2021**, 12, 676436	5.7	4
45	Intratracheal inoculation of AHc vaccine induces protection against aerosolized botulinum neurotoxin A challenge in mice. *Npj Vaccines*, **2021**, 6, 87	9.5	4

44	Genetic and population analyses of Vibrio parahaemolyticus isolates from three major coastal regions in China. *Future Microbiology*, **2018**, 13, 1261-1269	2.9	4
43	Genetic diversity and virulence of novel sequence types of Streptococcus suis from diseased and healthy pigs in China. *Frontiers in Microbiology*, **2015**, 6, 173	5.7	3
42	Parallel gene loss and acquisition among strains of different Brucella species and biovars. *Journal of Microbiology*, **2012**, 50, 567-74	3	3
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