

Jai J Tree

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

1,408
citations

19
h-index

37
g-index

39
ext. papers

1,662
ext. citations

7
avg, IF

4.22
L-index

#	Paper	IF	Citations
35	Identification of bacteriophage-encoded anti-sRNAs in pathogenic Escherichia coli. <i>Molecular Cell</i> , 2014 , 55, 199-213	17.6	174
34	Small RNA interactome of pathogenic E. coli revealed through crosslinking of RNase E. <i>EMBO Journal</i> , 2017 , 36, 374-387	13	112
33	An investigation of the expression and adhesin function of H7 flagella in the interaction of Escherichia coli O157 : H7 with bovine intestinal epithelium. <i>Cellular Microbiology</i> , 2009 , 11, 121-37	3.9	109
32	Complete Bypass of Restriction Systems for Major Staphylococcus aureus Lineages. <i>MBio</i> , 2015 , 6, e0030815	10.8	105
31	Autotransporter proteins: novel targets at the bacterial cell surface. <i>FEMS Microbiology Letters</i> , 2007 , 274, 163-72	2.9	97
30	The multi-copper-ion oxidase CueO of Salmonella enterica serovar Typhimurium is required for systemic virulence. <i>Infection and Immunity</i> , 2010 , 78, 2312-9	3.7	91
29	Identification of bacterial target proteins for the salicylidene acylhydrazide class of virulence-blocking compounds. <i>Journal of Biological Chemistry</i> , 2011 , 286, 29922-31	5.4	78
28	Virulence properties of asymptomatic bacteriuria Escherichia coli. <i>International Journal of Medical Microbiology</i> , 2009 , 299, 53-63	3.7	78
27	UpaH is a newly identified autotransporter protein that contributes to biofilm formation and bladder colonization by uropathogenic Escherichia coli CFT073. <i>Infection and Immunity</i> , 2010 , 78, 1659-69	3.7	70
26	VapCs of Mycobacterium tuberculosis cleave RNAs essential for translation. <i>Nucleic Acids Research</i> , 2016 , 44, 9860-9871	20.1	70
25	Controlling injection: regulation of type III secretion in enterohaemorrhagic Escherichia coli. <i>Trends in Microbiology</i> , 2009 , 17, 361-70	12.4	65
24	Characterization of the effects of salicylidene acylhydrazide compounds on type III secretion in Escherichia coli O157:H7. <i>Infection and Immunity</i> , 2009 , 77, 4209-20	3.7	57
23	Lysogeny with Shiga toxin 2-encoding bacteriophages represses type III secretion in enterohemorrhagic Escherichia coli. <i>PLoS Pathogens</i> , 2012 , 8, e1002672	7.6	46
22	Transcriptional regulators of the GAD acid stress island are carried by effector protein-encoding prophages and indirectly control type III secretion in enterohemorrhagic Escherichia coli O157:H7. <i>Molecular Microbiology</i> , 2011 , 80, 1349-65	4.1	38
21	Copper sensitivity of cueO mutants of Escherichia coli K-12 and the biochemical suppression of this phenotype. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 328, 1205-10	3.4	31
20	Identification of a novel prophage regulator in Escherichia coli controlling the expression of type III secretion. <i>Molecular Microbiology</i> , 2012 , 83, 208-23	4.1	28
19	Trade-off between iron uptake and protection against oxidative stress: deletion of cueO promotes uropathogenic Escherichia coli virulence in a mouse model of urinary tract infection. <i>Journal of Bacteriology</i> , 2008 , 190, 6909-12	3.5	24

18	Comparative analysis of EspF variants in inhibition of Escherichia coli phagocytosis by macrophages and inhibition of E. coli translocation through human- and bovine-derived M cells. <i>Infection and Immunity</i> , 2011 , 79, 4716-29	3.7	22
17	The multicopper oxidase (CueO) and cell aggregation in Escherichia coli. <i>Environmental Microbiology</i> , 2007 , 9, 2110-6	5.2	22
16	Ribosome maturation by the endoribonuclease YbeY stabilizes a type 3 secretion system transcript required for virulence of enterohemorrhagic. <i>Journal of Biological Chemistry</i> , 2018 , 293, 9006-9016	5.4	19
15	An RNA-dependent mechanism for transient expression of bacterial translocation filaments. <i>Nucleic Acids Research</i> , 2018 , 46, 3366-3381	20.1	14
14	Methionine biosynthesis and transport are functionally redundant for the growth and virulence of Typhimurium. <i>Journal of Biological Chemistry</i> , 2018 , 293, 9506-9519	5.4	14
13	Screening of an E. coli O157:H7 Bacterial Artificial Chromosome Library by Comparative Genomic Hybridization to Identify Genomic Regions Contributing to Growth in Bovine Gastrointestinal Mucus and Epithelial Cell Colonization. <i>Frontiers in Microbiology</i> , 2011 , 2, 168	5.7	9
12	Early termination of the Shiga toxin transcript generates a regulatory small RNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 25055-25065	11.5	8
11	High-Resolution, High-Throughput Analysis of Hfq-Binding Sites Using UV Crosslinking and Analysis of cDNA (CRAC). <i>Methods in Molecular Biology</i> , 2018 , 1737, 251-272	1.4	7
10	Networks of Resistance: Small RNA Control of Antibiotic Resistance. <i>Trends in Genetics</i> , 2021 , 37, 35-45	8.5	7
9	Comparative Transcriptomic and Functional Assessments of Linezolid-Responsive Small RNA Genes in Staphylococcus aureus. <i>MSystems</i> , 2020 , 5,	7.6	3
8	Transcriptome-Wide Analysis of Protein-RNA and RNA-RNA Interactions in Pathogenic Bacteria. <i>Methods in Enzymology</i> , 2018 , 612, 467-488	1.7	2
7	Systems-Level Analysis of Bacterial Regulatory Small RNA Networks. <i>RNA Technologies</i> , 2018 , 97-127	0.2	2
6	Hfq CLASH uncovers sRNA-target interaction networks involved in adaptation to nutrient availability		1
5	Burning the Candle at Both Ends: Have Exoribonucleases Driven Divergence of Regulatory RNA Mechanisms in Bacteria?. <i>MBio</i> , 2021 , 12, e0104121	7.8	1
4	Small RNA Regulation of Virulence in Pathogenic. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 622202	5.9	1
3	Mechanisms involved in the adaptation of Escherichia coli O157:H7 to the host intestinal microenvironment. <i>Clinical Science</i> , 2020 , 134, 3283-3301	6.5	0
2	The Small RNA CyaR Activates Translation of the Outer Membrane Haem Receptor in Enterohemorrhagic .. <i>Frontiers in Microbiology</i> , 2022 , 13, 821196	5.7	0
1	The Role and Targets of the RNA-Binding Protein ProQ in the Gram-Negative Bacterial Pathogen Pasteurella multocida.. <i>Journal of Bacteriology</i> , 2022 , e0059221	3.5	0

