

John Chen

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

3,396
citations

218677

26
h-index

302126

39
g-index

44
all docs

44
docs citations

44
times ranked

4301
citing authors

#	ARTICLE	IF	CITATIONS
1	Underplating in the Himalaya-Tibet Collision Zone Revealed by the Hi-CLIMB Experiment. <i>Science</i> , 2009, 325, 1371-1374.	12.6	662
2	Legionella Effectors That Promote Nonlytic Release from Protozoa. <i>Science</i> , 2004, 303, 1358-1361.	12.6	271
3	Phage-Mediated Intergeneric Transfer of Toxin Genes. <i>Science</i> , 2009, 323, 139-141.	12.6	271
4	Bacteriophage-mediated spread of bacterial virulence genes. <i>Current Opinion in Microbiology</i> , 2015, 23, 171-178.	5.1	268
5	Genome hypermobility by lateral transduction. <i>Science</i> , 2018, 362, 207-212.	12.6	187
6	<i>Staphylococcus aureus</i> leucocidin ED contributes to systemic infection by targeting neutrophils and promoting bacterial growth <i>in vivo</i> . <i>Molecular Microbiology</i> , 2012, 83, 423-435.	2.5	134
7	Bacterial Hypoxic Responses Revealed as Critical Determinants of the Host-Pathogen Outcome by TnSeq Analysis of <i>Staphylococcus aureus</i> Invasive Infection. <i>PLoS Pathogens</i> , 2015, 11, e1005341.	4.7	118
8	Phage-inducible chromosomal islands are ubiquitous within the bacterial universe. <i>ISME Journal</i> , 2018, 12, 2114-2128.	9.8	115
9	Staphylococcal pathogenicity island interference with helper phage reproduction is a paradigm of molecular parasitism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16300-16305.	7.1	113
10	Genetic transduction by phages and chromosomal islands: The new and noncanonical. <i>PLoS Pathogens</i> , 2019, 15, e1007878.	4.7	111
11	Rayleigh wave phase velocity maps of Tibet and the surrounding regions from ambient seismic noise tomography. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	2.5	105
12	Identification of Ligand Specificity Determinants in AgrC, the <i>Staphylococcus aureus</i> Quorum-sensing Receptor. <i>Journal of Biological Chemistry</i> , 2008, 283, 8930-8938.	3.4	88
13	Phage-inducible islands in the Gram-positive cocci. <i>ISME Journal</i> , 2017, 11, 1029-1042.	9.8	82
14	Sequencing identifies multiple early introductions of SARS-CoV-2 to the New York City region. <i>Genome Research</i> , 2020, 30, 1781-1788.	5.5	66
15	Precisely modulated pathogenicity island interference with late phage gene transcription. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14536-14541.	7.1	60
16	Host cell-dependent secretion and translocation of the LepA and LepB effectors of <i>Legionella pneumophila</i> . <i>Cellular Microbiology</i> , 2007, 9, 1660-1671.	2.1	56
17	Allele-Dependent Differences in Quorum-Sensing Dynamics Result in Variant Expression of Virulence Genes in <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 2012, 194, 2854-2864.	2.2	54
18	Single-copy vectors for integration at the SaPI1 attachment site for <i>Staphylococcus aureus</i> . <i>Plasmid</i> , 2014, 76, 1-7.	1.4	54

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19	Noninvasive Real-time Monitoring of Liver Stage Development of Bioluminescent <i>Plasmodium</i> Parasites. <i>Journal of Infectious Diseases</i> , 2009, 200, 1470-1478.	4.0	52
20	Pathogenicity Island-Directed Transfer of Unlinked Chromosomal Virulence Genes. <i>Molecular Cell</i> , 2015, 57, 138-149.	9.7	52
21	Intra- and inter-generic transfer of pathogenicity island-encoded virulence genes by <i>cos</i> phages. <i>ISME Journal</i> , 2015, 9, 1260-1263.	9.8	49
22	Significant and vertically coherent seismic anisotropy beneath eastern Tibet. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	46
23	Bacterial chromosomal mobility via lateral transduction exceeds that of classical mobile genetic elements. <i>Nature Communications</i> , 2021, 12, 6509.	12.8	46
24	Hijacking the Hijackers: <i>Escherichia coli</i> Pathogenicity Islands Redirect Helper Phage Packaging for Their Own Benefit. <i>Molecular Cell</i> , 2019, 75, 1020-1030.e4.	9.7	45
25	Control of <i>Staphylococcus aureus</i> pathogenicity island excision. <i>Molecular Microbiology</i> , 2012, 85, 833-845.	2.5	40
26	Lateral transduction is inherent to the life cycle of the archetypical <i>Salmonella</i> phage P22. <i>Nature Communications</i> , 2021, 12, 6510.	12.8	30
27	Beyond the CRISPR-Cas safeguard: PICI-encoded innate immune systems protect bacteria from bacteriophage predation. <i>Current Opinion in Microbiology</i> , 2020, 56, 52-58.	5.1	28
28	<i>Escherichia coli</i> nusG mutations that block transcription termination by coliphage HK022 Nun protein. <i>Molecular Microbiology</i> , 1999, 31, 1783-1793.	2.5	26
29	<i>Staphylococcal</i> phages and pathogenicity islands drive plasmid evolution. <i>Nature Communications</i> , 2021, 12, 5845.	12.8	26
30	A regulatory cascade controls <i>Staphylococcus aureus</i> pathogenicity island activation. <i>Nature Microbiology</i> , 2021, 6, 1300-1308.	13.3	20
31	Effect of food-related stress conditions and loss of agr and sigB on seb promoter activity in <i>S. aureus</i> . <i>Food Microbiology</i> , 2017, 65, 205-212.	4.2	15
32	Tuning of the Lethal Response to Multiple Stressors with a Single-Site Mutation during Clinical Infection by <i>Staphylococcus aureus</i> . <i>MBio</i> , 2017, 8, .	4.1	15
33	svrA, a multi-drug exporter, does not control agr. <i>Microbiology (United Kingdom)</i> , 2007, 153, 1604-1608.	1.8	14
34	Shared signatures and divergence in skin microbiomes of children with atopic dermatitis and their caregivers. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 894-908.	2.9	14
35	An rpsL-based allelic exchange vector for <i>Staphylococcus aureus</i> . <i>Plasmid</i> , 2015, 79, 8-14.	1.4	11
36	Phage-inducible chromosomal islands promote genetic variability by blocking phage reproduction and protecting transductants from phage lysis. <i>PLoS Genetics</i> , 2022, 18, e1010146.	3.5	8

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37	An insight into staphylococcal pathogenicity island-mediated interference with phage late gene transcription. <i>Bacteriophage</i> , 2015, 5, e1028608.	1.9	4
38	Characterisation of novel functionality within the <i>Blastocystis</i> tryptophanase gene. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009730.	3.0	2
39	Identification of ligand specificity determinants in AgrC, the <i>Staphylococcus aureus</i> quorum-sensing receptor.. <i>Journal of Biological Chemistry</i> , 2012, 287, 18588.	3.4	1
40	inPhocus: Current State and Challenges of Phage Research in Singapore. <i>Phage</i> , 2022, 3, 6-11.	1.7	0
41	Regulatory cascade in SaPI activation. <i>Access Microbiology</i> , 2022, 4, .	0.5	0