

Tomoe Kitao

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,711
citations

361413

20
h-index

454955

30
g-index

35
all docs

35
docs citations

35
times ranked

2575
citing authors

#	ARTICLE	IF	CITATIONS
1	Semaphorin 7A initiates T-cell-mediated inflammatory responses through $\alpha 1 \beta 1$ integrin. <i>Nature</i> , 2007, 446, 680-684.	27.8	273
2	Identification of Anti-virulence Compounds That Disrupt Quorum-Sensing Regulated Acute and Persistent Pathogenicity. <i>PLoS Pathogens</i> , 2014, 10, e1004321.	4.7	238
3	The RGD motif in fibronectin is essential for development but dispensable for fibril assembly. <i>Journal of Cell Biology</i> , 2007, 178, 167-178.	5.2	183
4	<i>Pseudomonas aeruginosa</i> Alginate Overproduction Promotes Coexistence with <i>Staphylococcus aureus</i> in a Model of Cystic Fibrosis Respiratory Infection. <i>MBio</i> , 2017, 8, .	4.1	124
5	Display of α -Amylase on the Surface of <i>Lactobacillus casei</i> Cells by Use of the PgsA Anchor Protein, and Production of Lactic Acid from Starch. <i>Applied and Environmental Microbiology</i> , 2006, 72, 269-275.	3.1	109
6	Evidence for Direct Control of Virulence and Defense Gene Circuits by the <i>Pseudomonas aeruginosa</i> Quorum Sensing Regulator, MvfR. <i>Scientific Reports</i> , 2016, 6, 34083.	3.3	95
7	Structure of a receptor-binding fragment of reelin and mutational analysis reveal a recognition mechanism similar to endocytic receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9988-9993.	7.1	79
8	KHM-1, a Novel Plasmid-Mediated Metallo- β -Lactamase from a <i>Citrobacter freundii</i> Clinical Isolate. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 4194-4197.	3.2	63
9	Molecular Insights into Function and Competitive Inhibition of <i>Pseudomonas aeruginosa</i> Multiple Virulence Factor Regulator. <i>MBio</i> , 2018, 9, .	4.1	53
10	LotA, a <i>Legionella</i> deubiquitinase, has dual catalytic activity and contributes to intracellular growth. <i>Cellular Microbiology</i> , 2018, 20, e12840.	2.1	53
11	Downregulation of <i>katG</i> expression is associated with isoniazid resistance in <i>Mycobacterium tuberculosis</i> . <i>Molecular Microbiology</i> , 2011, 79, 1615-1628.	2.5	48
12	Complete Genome Sequence of Highly Multidrug-Resistant <i>Pseudomonas aeruginosa</i> NCGM2.S1, a Representative Strain of a Cluster Endemic to Japan. <i>Journal of Bacteriology</i> , 2011, 193, 7010-7010.	2.2	41
13	Development of an immunochromatographic assay for diagnosing the production of IMP-type metallo- β -lactamases that mediate carbapenem resistance in <i>Pseudomonas</i> . <i>Journal of Microbiological Methods</i> , 2011, 87, 330-337.	1.6	36
14	Polypharmacology Approaches against the <i>Pseudomonas aeruginosa</i> MvfR Regulon and Their Application in Blocking Virulence and Antibiotic Tolerance. <i>ACS Chemical Biology</i> , 2017, 12, 1435-1443.	3.4	36
15	Crystal Structure of Purine Nucleoside Phosphorylase from <i>Thermus thermophilus</i> . <i>Journal of Molecular Biology</i> , 2004, 337, 1149-1160.	4.2	33
16	Divergence of <i>Legionella</i> Effectors Reversing Conventional and Unconventional Ubiquitination. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 448.	3.9	31
17	Emergence of a novel multidrug-resistant <i>Pseudomonas aeruginosa</i> strain producing IMP-type metallo- β -lactamases and AAC(6)-Ia in Japan. <i>International Journal of Antimicrobial Agents</i> , 2012, 39, 518-521.	2.5	29
18	Staphylococcal Phage in Combination with <i>Staphylococcus epidermidis</i> as a Potential Treatment for <i>Staphylococcus aureus</i> -Associated Atopic Dermatitis and Suppressor of Phage-Resistant Mutants. <i>Viruses</i> , 2021, 13, 7.	3.3	29

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19	Development of an immunochromatographic assay for the rapid detection of AAC(6)-Iae-producing multidrug-resistant <i>Pseudomonas aeruginosa</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 1382-1386.	3.0	28
20	AAC(6)-Iaf, a Novel Aminoglycoside 6- <i>N</i> -Acetyltransferase from Multidrug-Resistant <i>Pseudomonas aeruginosa</i> Clinical Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2327-2334.	3.2	23
21	Emerging insights into bacterial deubiquitinases. <i>Current Opinion in Microbiology</i> , 2019, 47, 14-19.	5.1	20
22	<i>Legionella</i> Manipulates Non-canonical SNARE Pairing Using a Bacterial Deubiquitinase. <i>Cell Reports</i> , 2020, 32, 108107.	6.4	19
23	Isolation and Characterization of a Novel Phage SaGU1 that Infects <i>Staphylococcus aureus</i> Clinical Isolates from Patients with Atopic Dermatitis. <i>Current Microbiology</i> , 2021, 78, 1267-1276.	2.2	17
24	Structure of a closed-form uroporphyrinogen-III C-methyltransferase from <i>Thermus thermophilus</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005, 61, 913-919.	2.5	10
25	Genome Sequence of Multidrug-Resistant <i>Pseudomonas aeruginosa</i> NCGM1179. <i>Journal of Bacteriology</i> , 2011, 193, 6397-6397.	2.2	10
26	Recent advances in structural studies of the <i>Legionella pneumophila</i> Dot/Icm type IV secretion system. <i>Microbiology and Immunology</i> , 2022, 66, 67-74.	1.4	9
27	Development of an immunochromatographic assay for rapid detection of AAC(6)-Ib-producing <i>Pseudomonas aeruginosa</i> . <i>Journal of Microbiological Methods</i> , 2012, 91, 114-116.	1.6	6
28	Reversible modification of mitochondrial ADP/ATP translocases by paired <i>Legionella</i> effector proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	6
29	Crystallization and preliminary crystallographic analysis of the nickel-responsive regulator NikR from <i>Pyrococcus horikoshii</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005, 61, 43-45.	0.7	4
30	Requirement of phosphatidic acid binding for distribution of the bacterial protein Lpg1137 targeting syntaxin 17. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	3
31	Protocol for imaging proteins associated with <i>Legionella</i> -containing vacuoles in host cells. <i>STAR Protocols</i> , 2021, 2, 100410.	1.2	0
32	Structural and Functional Analyses of the <i>Legionella</i> Virulence Secretion System. <i>Seibutsu Butsuri</i> , 2019, 59, 014-017.	0.1	0