

Hidetada Hirakawa

List of Publications by Year in descending order

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32
papers

1,407
citations

516710

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32
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docs citations

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times ranked

1746
citing authors

#	ARTICLE	IF	CITATIONS
1	Roles of the Tol/Pal System in Bacterial Pathogenesis and Its Application to Antibacterial Therapy. <i>Vaccines</i> , 2022, 10, 422.	4.4	9
2	A Macroporous Magnesium Oxide-Templated Carbon Adsorbs Shiga Toxins and Type III Secretory Proteins in Enterohemorrhagic <i>Escherichia coli</i> , Which Attenuates Virulence. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	0
3	Adsorption of Phenazines Produced by <i>Pseudomonas aeruginosa</i> Using AST-120 Decreases Pyocyanin-Associated Cytotoxicity. <i>Antibiotics</i> , 2021, 10, 434.	3.7	8
4	Roles of OmpX, an Outer Membrane Protein, on Virulence and Flagellar Expression in Uropathogenic <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 2021, 89, .	2.2	12
5	cAMP Receptor Protein Positively Regulates the Expression of Genes Involved in the Biosynthesis of <i>Klebsiella oxytoca</i> Tilivalline Cytotoxin. <i>Frontiers in Microbiology</i> , 2021, 12, 743594.	3.5	6
6	Roles of OmpA in Type III Secretion System-Mediated Virulence of Enterohemorrhagic <i>Escherichia coli</i> . <i>Pathogens</i> , 2021, 10, 1496.	2.8	6
7	Roles of CytR, an anti-activator of cyclic-AMP receptor protein (CRP) on flagellar expression and virulence in uropathogenic <i>Escherichia coli</i> . <i>Biochemical and Biophysical Research Communications</i> , 2020, 521, 555-561.	2.1	5
8	Progress Overview of Bacterial Two-Component Regulatory Systems as Potential Targets for Antimicrobial Chemotherapy. <i>Antibiotics</i> , 2020, 9, 635.	3.7	42
9	Roles of the Tol-Pal system in the Type III secretion system and flagella-mediated virulence in enterohemorrhagic <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2020, 10, 15173.	3.3	18
10	In vitro activity of AST-120 that suppresses indole signaling in <i>Escherichia coli</i> , which attenuates drug tolerance and virulence. <i>PLoS ONE</i> , 2020, 15, e0232461.	2.5	11
11	Title is missing!. , 2020, 15, e0232461.		0
12	Title is missing!. , 2020, 15, e0232461.		0
13	Title is missing!. , 2020, 15, e0232461.		0
14	Title is missing!. , 2020, 15, e0232461.		0
15	The Tol-Pal System of Uropathogenic <i>Escherichia coli</i> Is Responsible for Optimal Internalization Into and Aggregation Within Bladder Epithelial Cells, Colonization of the Urinary Tract of Mice, and Bacterial Motility. <i>Frontiers in Microbiology</i> , 2019, 10, 1827.	3.5	21
16	Oxygen Limitation Enhances the Antimicrobial Activity of Fosfomycin in <i>Pseudomonas aeruginosa</i> Following Overexpression of <i>glpT</i> Which Encodes Glycerol-3-Phosphate/Fosfomycin Symporter. <i>Frontiers in Microbiology</i> , 2018, 9, 1950.	3.5	16
17	Cooperative Actions of CRP-cAMP and FNR Increase the Fosfomycin Susceptibility of Enterohaemorrhagic <i>Escherichia coli</i> (EHEC) by Elevating the Expression of <i>glpT</i> and <i>uhpT</i> under Anaerobic Conditions. <i>Frontiers in Microbiology</i> , 2017, 8, 426.	3.5	13
18	Fur Represses Adhesion to, Invasion of, and Intracellular Bacterial Community Formation within Bladder Epithelial Cells and Motility in Uropathogenic <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 2016, 84, 3220-3231.	2.2	23

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19	Elevated Expression of GlpT and UhpT via FNR Activation Contributes to Increased Fosfomycin Susceptibility in <i>Escherichia coli</i> under Anaerobic Conditions. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 6352-6360.	3.2	17
20	Identification of a Second Two-Component Signal Transduction System That Controls Fosfomycin Tolerance and Glycerol-3-Phosphate Uptake. <i>Journal of Bacteriology</i> , 2015, 197, 861-871.	2.2	7
21	BadR and BadM Proteins Transcriptionally Regulate Two Operons Needed for Anaerobic Benzoate Degradation by <i>Rhodopseudomonas palustris</i> . <i>Applied and Environmental Microbiology</i> , 2015, 81, 4253-4262.	3.1	34
22	Role of the CpxAR Two-Component Signal Transduction System in Control of Fosfomycin Resistance and Carbon Substrate Uptake. <i>Journal of Bacteriology</i> , 2014, 196, 248-256.	2.2	42
23	Interference of bacterial cell-to-cell communication: A new concept of antimicrobial chemotherapy breaks antibiotic. <i>Frontiers in Microbiology</i> , 2013, 4, 114.	3.5	74
24	Anaerobic <i>p</i> -Coumarate Degradation by <i>Rhodopseudomonas palustris</i> and Identification of CouR, a MarR Repressor Protein That Binds <i>p</i> -Coumaroyl Coenzyme A. <i>Journal of Bacteriology</i> , 2012, 194, 1960-1967.	2.2	56
25	Activity of the <i>Rhodopseudomonas palustris</i> <i>p</i> -Coumaroyl-Homoserine Lactone-Responsive Transcription Factor RpaR. <i>Journal of Bacteriology</i> , 2011, 193, 2598-2607.	2.2	45
26	Secreted indole serves as a signal for expression of type III secretion system translocators in enterohaemorrhagic <i>Escherichia coli</i> O157:H7. <i>Microbiology (United Kingdom)</i> , 2009, 155, 541-550.	1.8	90
27	AcrS/EnvR Represses Expression of the <i>acrAB</i> Multidrug Efflux Genes in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2008, 190, 6276-6279.	2.2	74
28	Growth Phase-Dependent Expression of Drug Exporters in <i>Escherichia coli</i> and Its Contribution to Drug Tolerance. <i>Journal of Bacteriology</i> , 2006, 188, 5693-5703.	2.2	106
29	Indole induces the expression of multidrug exporter genes in <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2004, 55, 1113-1126.	2.5	279
30	Comprehensive Studies of Drug Resistance Mediated by Overexpression of Response Regulators of Two-Component Signal Transduction Systems in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2003, 185, 1851-1856.	2.2	151
31	β -Lactam resistance modulated by the overexpression of response regulators of two-component signal transduction systems in <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 52, 576-582.	3.0	112
32	Roles of TolC-Dependent Multidrug Transporters of <i>Escherichia coli</i> in Resistance to β -Lactams. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 3030-3033.	3.2	130