Hidetada Hirakawa

List of Publications by Year
in descending order

32 papers	1,407 citations	516710 16 h-index	526287 27 g-index
32 all docs	32 docs citations	32 times ranked	1746 citing authors

#	Article	IF	Citations
1	Indole induces the expression of multidrug exporter genes in Escherichia coli. Molecular Microbiology, 2004, 55, 1113-1126.	2.5	279
2	Comprehensive Studies of Drug Resistance Mediated by Overexpression of Response Regulators of Two-Component Signal Transduction Systems in Escherichia coli. Journal of Bacteriology, 2003, 185, 1851-1856.	2.2	151
3	Roles of TolC-Dependent Multidrug Transporters of Escherichia coli in Resistance to Î²-Lactams. Antimicrobial Agents and Chemotherapy, 2003, 47, 3030-3033.	3.2	130
4	Â-Lactam resistance modulated by the overexpression of response regulators of two-component signal transduction systems in Escherichia coli. Journal of Antimicrobial Chemotherapy, 2003, 52, 576-582.	3.0	112
5	Growth Phase-Dependent Expression of Drug Exporters in Escherichia coli and Its Contribution to Drug Tolerance. Journal of Bacteriology, 2006, 188, 5693-5703.	2.2	106
6	Secreted indole serves as a signal for expression of type III secretion system translocators in enterohaemorrhagic Escherichia coli O157â€Š:â€ŠH7. Microbiology (United Kingdom), 2009, 155, 541-550.	1.8	90
7	AcrS/EnvR Represses Expression of theacrABMultidrug Efflux Genes inEscherichia coli. Journal of Bacteriology, 2008, 190, 6276-6279.	2.2	74
8	Interference of bacterial cell-to-cell communication: A new concept of antimicrobial chemotherapy breaks antibiotic. Frontiers in Microbiology, 2013, 4, 114.	3.5	74
9	Anaerobic p -Coumarate Degradation by Rhodopseudomonas palustris and Identification of CouR, a MarR Repressor Protein That Binds p -Coumaroyl Coenzyme A. Journal of Bacteriology, 2012, 194, 1960-1967.	2.2	56
10	Activity of the Rhodopseudomonas palustris p-Coumaroyl-Homoserine Lactone-Responsive Transcription Factor RpaR. Journal of Bacteriology, 2011, 193, 2598-2607.	2.2	45
11	Role of the CpxAR Two-Component Signal Transduction System in Control of Fosfomycin Resistance and Carbon Substrate Uptake. Journal of Bacteriology, 2014, 196, 248-256.	2.2	42
12	Progress Overview of Bacterial Two-Component Regulatory Systems as Potential Targets for Antimicrobial Chemotherapy. Antibiotics, 2020, 9, 635.	3.7	42
13	BadR and BadM Proteins Transcriptionally Regulate Two Operons Needed for Anaerobic Benzoate Degradation by Rhodopseudomonas palustris. Applied and Environmental Microbiology, 2015, 81, 4253-4262.	3.1	34
14	Fur Represses Adhesion to, Invasion of, and Intracellular Bacterial Community Formation within Bladder Epithelial Cells and Motility in Uropathogenic Escherichia coli. Infection and Immunity, 2016, 84, 3220-3231.	2.2	23
15	The Tol-Pal System of Uropathogenic Escherichia coli Is Responsible for Optimal Internalization Into and Aggregation Within Bladder Epithelial Cells, Colonization of the Urinary Tract of Mice, and Bacterial Motility. Frontiers in Microbiology, 2019, 10, 1827.	3.5	21
16	Roles of the Tol-Pal system in the Type III secretion system and flagella-mediated virulence in enterohemorrhagic Escherichia coli. Scientific Reports, 2020, 10, 15173.	3.3	18
17	Elevated Expression of GlpT and UhpT via FNR Activation Contributes to Increased Fosfomycin Susceptibility in Escherichia coli under Anaerobic Conditions. Antimicrobial Agents and Chemotherapy, 2015, 59, 6352-6360.	3.2	17
18	Oxygen Limitation Enhances the Antimicrobial Activity of Fosfomycin in Pseudomonas aeruginosa Following Overexpression of glpT Which Encodes Glycerol-3-Phosphate/Fosfomycin Symporter. Frontiers in Microbiology, 2018, 9, 1950.	3.5	16

#	Article	IF	Citations
19	Cooperative Actions of CRP-cAMP and FNR Increase the Fosfomycin Susceptibility of Enterohaemorrhagic Escherichia coli (EHEC) by Elevating the Expression of glpT and uhpT under Anaerobic Conditions. Frontiers in Microbiology, 2017, 8, 426.	3.5	13
20	Roles of OmpX, an Outer Membrane Protein, on Virulence and Flagellar Expression in Uropathogenic Escherichia coli. Infection and Immunity, 2021, 89, .	2.2	12
21	In vitro activity of AST-120 that suppresses indole signaling in Escherichia coli, which attenuates drug tolerance and virulence. PLoS ONE, 2020, 15, e0232461.	2.5	11
22	Roles of the Tol/Pal System in Bacterial Pathogenesis and Its Application to Antibacterial Therapy. Vaccines, 2022, 10, 422.	4.4	9
23	Adsorption of Phenazines Produced by Pseudomonas aeruginosa Using AST-120 Decreases Pyocyanin-Associated Cytotoxicity. Antibiotics, 2021, 10, 434.	3.7	8
24	Identification of a Second Two-Component Signal Transduction System That Controls Fosfomycin Tolerance and Glycerol-3-Phosphate Uptake. Journal of Bacteriology, 2015, 197, 861-871.	2.2	7
25	cAMP Receptor Protein Positively Regulates the Expression of Genes Involved in the Biosynthesis of Klebsiella oxytoca Tilivalline Cytotoxin. Frontiers in Microbiology, 2021, 12, 743594.	3.5	6
26	Roles of OmpA in Type III Secretion System-Mediated Virulence of Enterohemorrhagic Escherichia coli. Pathogens, 2021, 10, 1496.	2.8	6
27	Roles of CytR, an anti-activator of cyclic-AMP receptor protein (CRP) on flagellar expression and virulence in uropathogenic Escherichia coli. Biochemical and Biophysical Research Communications, 2020, 521, 555-561.	2.1	5
28	Title is missing!. , 2020, 15, e0232461.		0
29	Title is missing!. , 2020, 15, e0232461.		0
30	Title is missing!. , 2020, 15, e0232461.		0
31	Title is missing!. , 2020, 15, e0232461.		0
32	A Macroporous Magnesium Oxide-Templated Carbon Adsorbs Shiga Toxins and Type III Secretory Proteins in Enterohemorrhagic Escherichia coli, Which Attenuates Virulence. Frontiers in Microbiology, 2022, 13, .	3.5	0