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List of Publications by Year
in descending order

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Version: 2024-02-01

58 papers	4,633 citations	147801 31 h-index	144013 57 g-index
58 all docs	58 docs citations	58 times ranked	4795 citing authors

#	Article	IF	Citations
1	Spatial regulation of cell motility and its fitness effect in a surface-attached bacterial community. ISME Journal, 2022, 16, 1004-1011.	9.8	4
2	A comprehensive and contemporary â€œsnapshotâ€•of Î²-lactamases in carbapenem resistant Acinetobacter baumannii. Diagnostic Microbiology and Infectious Disease, 2021, 99, 115242.	1.8	16
3	Broad Spectrum Antibiotic Xanthocillin X Effectively Kills <i>Acinetobacter baumannii</i> <i>via</i> Dysregulation of Heme Biosynthesis. ACS Central Science, 2021, 7, 488-498.	11.3	16
4	A LysR-Type Transcriptional Regulator Controls Multiple Phenotypes in Acinetobacter baumannii. Frontiers in Cellular and Infection Microbiology, 2021, 11, 778331.	3.9	8
5	OXA-23 Î²-Lactamase Overexpression in Acinetobacter baumannii Drives Physiological Changes Resulting in New Genetic Vulnerabilities. MBio, 2021, 12, e0313721.	4.1	10
6	Copy Number of an Integron-Encoded Antibiotic Resistance Locus Regulates a Virulence and Opacity Switch in Acinetobacter baumannii AB5075. MBio, 2020, 11, .	4.1	22
7	Insights Into Mechanisms of Biofilm Formation in Acinetobacter baumannii and Implications for Uropathogenesis. Frontiers in Cellular and Infection Microbiology, 2020, 10, 253.	3.9	66
8	1,2,3-Triazolylmethaneboronate: A Structure Activity Relationship Study of a Class of Î²-Lactamase Inhibitors against <i>Acinetobacter baumannii</i> Cephalosporinase. ACS Infectious Diseases, 2020, 6, 1965-1975.	3.8	12
9	Characterization of RelA in<i>Acinetobacter baumannii</i>. Journal of Bacteriology, 2020, 202, .	2.2	20
10	Methods for Transposon Mutagenesis in Proteus mirabilis. Methods in Molecular Biology, 2019, 2016, 81-85.	0.9	1
11	Roles of two-component regulatory systems in antibiotic resistance. Future Microbiology, 2019, 14, 533-552.	2.0	111
12	Targeting Multidrug-Resistant <i>Acinetobacter</i> spp.: Sulbactam and the Diazabicyclooctenone Î²-Lactamase Inhibitor ETX2514 as a Novel Therapeutic Agent. MBio, 2019, 10, .	4.1	64
13	Distinguishing Colony Opacity Variants and Measuring Opacity Variation in Acinetobacter baumannii. Methods in Molecular Biology, 2019, 1946, 151-157.	0.9	3
14	Extraction and Visualization of Capsular Polysaccharide from Acinetobacter baumannii. Methods in Molecular Biology, 2019, 1946, 227-231.	0.9	11
15	Methods for Detecting N-Acyl Homoserine Lactone Production in Acinetobacter baumannii. Methods in Molecular Biology, 2019, 1946, 253-258.	0.9	8
16	Allelic Exchange Mutagenesis in Proteus mirabilis. Methods in Molecular Biology, 2019, 2021, 77-84.	0.9	5
17	A high-frequency phenotypic switch links bacterial virulence and environmental survival in Acinetobacter baumannii. Nature Microbiology, 2018, 3, 563-569.	13.3	120
18	Strategic Approaches to Overcome Resistance against Gram-Negative Pathogens Using Î²-Lactamase Inhibitors and Î²-Lactam Enhancers: Activity of Three Novel Diazabicyclooctanes WCK 5153, Zidebactam (WCK 5107), and WCK 4234. Journal of Medicinal Chemistry, 2018, 61, 4067-4086.	6.4	117

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19	Positive autoregulation of the flhDC operon in Proteus mirabilis. Research in Microbiology, 2018, 169, 199-204.	2.1	4
20	Role of Capsule in Resistance to Disinfectants, Host Antimicrobials, and Desiccation in Acinetobacter baumannii. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	52
21	Aminoglycoside Heteroresistance in Acinetobacter baumannii AB5075. MSphere, 2018, 3, .	2.9	54
22	An <i>ompR-envZ</i> Two-Component System Ortholog Regulates Phase Variation, Osmotic Tolerance, Motility, and Virulence in Acinetobacter baumannii Strain AB5075. Journal of Bacteriology, 2017, 199, .	2.2	85
23	Multiple roles for a novel RNDâ€type efflux system in <i>Acinetobacter baumannii</i> AB5075. MicrobiologyOpen, 2017, 6, e00418.	3.0	33
24	Mutations Decreasing Intrinsic Î2-Lactam Resistance Are Linked to Cell Division in the Nosocomial Pathogen Acinetobacter baumannii. Antimicrobial Agents and Chemotherapy, 2016, 60, 3751-3758.	3.2	20
25	The Rcs regulon in Proteus mirabilis: implications for motility, biofilm formation, and virulence. Current Genetics, 2016, 62, 775-789.	1.7	45
26	Phase-Variable Control of Multiple Phenotypes in Acinetobacter baumannii Strain AB5075. Journal of Bacteriology, 2015, 197, 2593-2599.	2.2	102
27	Regulation of the Min Cell Division Inhibition Complex by the Rcs Phosphorelay in Proteus mirabilis. Journal of Bacteriology, 2015, 197, 2499-2507.	2.2	27
28	Extensively Drug-Resistant Pseudomonas aeruginosa Isolates Containing <i>bla</i> _{VIM-2} and Elements of Salmonella Genomic Island 2: a New Genetic Resistance Determinant in Northeast Ohio. Antimicrobial Agents and Chemotherapy, 2014, 58, 5929-5935.	3.2	34
29	Role of rhomboid proteases in bacteria. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 2849-2854.	2.6	24
30	Expression of the DisA amino acid decarboxylase from Proteus mirabilis inhibits motility and class 2 flagellar gene expression in Escherichia coli. Research in Microbiology, 2013, 164, 31-37.	2.1	5
31	Acinetobacter baumannii Strain M2 Produces Type IV Pili Which Play a Role in Natural Transformation and Twitching Motility but Not Surface-Associated Motility. MBio, 2013, 4, .	4.1	182
32	Regulation of the Swarming Inhibitor disA in Proteus mirabilis. Journal of Bacteriology, 2013, 195, 3237-3243.	2.2	6
33	Putrescine Importer PlaP Contributes to Swarming Motility and Urothelial Cell Invasion in Proteus mirabilis. Journal of Biological Chemistry, 2013, 288, 15668-15676.	3.4	27
34	Role of the Umo Proteins and the Rcs Phosphorelay in the Swarming Motility of the Wild Type and an O-Antigen (<i>waaL</i>) Mutant of Proteus mirabilis. Journal of Bacteriology, 2012, 194, 669-676.	2.2	41
35	Attenuation of Quorum Sensing in the Pathogen <i>Acinetobacter baumannii</i> Using Non-native <i>N</i>-Acyl Homoserine Lactones. ACS Chemical Biology, 2012, 7, 1719-1728.	3.4	104
36	Genetic analysis of surface motility in Acinetobacter baumannii. Microbiology (United Kingdom), 2011, 157, 2534-2544.	1.8	205

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37	Regulation of gene expression during swarmer cell differentiation in<i>Proteus mirabilis</i>. FEMS Microbiology Reviews, 2010, 34, 753-763.	8.6	74
38	Loss of the WaaL O-Antigen Ligase Prevents Surface Activation of the Flagellar Gene Cascade in <i>Proteus mirabilis</i>. Journal of Bacteriology, 2010, 192, 3213-3221.	2.2	38
39	<i>Acinetobacter baumannii</i>-Associated Skin and Soft Tissue Infections: Recognizing a Broadening Spectrum of Disease. Surgical Infections, 2010, 11, 49-57.	1.4	94
40	Isolation and Characterization of an Autoinducer Synthase from <i>Acinetobacter baumannii</i>. Journal of Bacteriology, 2008, 190, 3386-3392.	2.2	243
41	Complete Genome Sequence of Uropathogenic <i>Proteus mirabilis</i> , a Master of both Adherence and Motility. Journal of Bacteriology, 2008, 190, 4027-4037.	2.2	229
42	The Lon protease regulates swarming motility and virulence gene expression in Proteus mirabilis. Journal of Medical Microbiology, 2008, 57, 931-937.	1.8	42
43	Characterization of a Novel Gene,<i>wosA</i>, Regulating FlhDC Expression in<i>Proteus mirabilis</i>. Journal of Bacteriology, 2008, 190, 1946-1955.	2.2	14
44	Rhomboid protease AarA mediates quorum-sensing inProvidencia stuartiiby activating TatA of the twin-arginine translocase. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 1003-1008.	7.1	144
45	Regulation of flhDC expression in Proteus mirabilis. Research in Microbiology, 2007, 158, 295-302.	2.1	42
46	Global Challenge of Multidrug-Resistant<i>Acinetobacter baumannii</i>. Antimicrobial Agents and Chemotherapy, 2007, 51, 3471-3484.	3.2	1,027
47	Analysis of Antibiotic Resistance Genes in Multidrug-Resistant Acinetobacter sp. Isolates from Military and Civilian Patients Treated at the Walter Reed Army Medical Center. Antimicrobial Agents and Chemotherapy, 2006, 50, 4114-4123.	3.2	457
48	Functional Characterization of Escherichia coli GlpG and Additional Rhomboid Proteins Using an aarA Mutant of Providencia stuartii. Journal of Bacteriology, 2006, 188, 3415-3419.	2.2	33
49	A Novel Gene Involved in Regulating the Flagellar Gene Cascade in Proteus mirabilis. Journal of Bacteriology, 2006, 188, 7830-7839.	2.2	27
50	Swarmer cell differentiation in Proteus mirabilis. Environmental Microbiology, 2005, 7, 1065-1073.	3.8	163
51	Evidence that putrescine acts as an extracellular signal required for swarming in Proteus mirabilis. Molecular Microbiology, 2004, 51, 437-446.	2.5	137
52	A conserved mechanism for extracellular signaling in eukaryotes and prokaryotes. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12208-12213.	7.1	106
53	Isolation oflacZfusions toProteus mirabilisgenes regulated by intercellular signaling: potential role for the sugar phosphotransferase (Pts) system in regulation. FEMS Microbiology Letters, 2002, 217, 43-50.	1.8	16
54	Isolation of lacZ fusions to Proteus mirabilis genes regulated by intercellular signaling: potential role for the sugar phosphotransferase (Pts) system in regulation. FEMS Microbiology Letters, 2002, 217, 43-50.	1.8	1

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55	Role of SspA in the density-dependent expression of the transcriptional activator AarP inProvidencia stuartii. FEMS Microbiology Letters, 2001, 196, 25-29.	1.8	8
56	<i>Providencia stuartii</i> Genes Activated by Cell-to-Cell Signaling and Identification of a Gene Required for Production or Activity of an Extracellular Factor. Journal of Bacteriology, 1999, 181, 7185-7191.	2.2	62
57	A regulatory cascade involving AarG, a putative sensor kinase, controls the expression of the 2'-N-acetyltransferase and an intrinsic multiple antibiotic resistance (Mar) response in Providencia stuartii. Molecular Microbiology, 1998, 28, 1345-1353.	2.5	12
58	Intercellular Signaling by Rhomboids in Eukaryotes and Prokaryotes. , 0, , 431-442.		0