Harry L T Mobley

List of Publications by Year
in descending order

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320 papers	24,034 citations	9234 74 h-index	10127 140 g-index
342 all docs	342 docs citations	342 times ranked	16930 citing authors

#	Article	IF	Citations
1	Pathogenic Escherichia coli. Nature Reviews Microbiology, 2004, 2, 123-140.	13.6	4,065
2	Extensive mosaic structure revealed by the complete genome sequence of uropathogenic Escherichia coli. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 17020-17024.	3.3	1,358
3	Complicated Catheter-Associated Urinary Tract Infections Due toEscherichia coliandProteus mirabilis. Clinical Microbiology Reviews, 2008, 21, 26-59.	5.7	666
4	Expression of flagella is coincident with uropathogenic Escherichia coli ascension to the upper urinary tract. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16669-16674.	3.3	389
5	Hostâ€“pathogen interactions in urinary tract infection. Nature Reviews Urology, 2010, 7, 430-441.	1.9	380
6	Transcriptome of Uropathogenic Escherichia coli during Urinary Tract Infection. Infection and Immunity, 2004, 72, 6373-6381.	1.0	373
7	Helicobacter pylori arginase inhibits nitric oxide production by eukaryotic cells: A strategy for bacterial survival. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 13844-13849.	3.3	358
8	Fitness of Escherichia coli during Urinary Tract Infection Requires Gluconeogenesis and the TCA Cycle. PLoS Pathogens, 2009, 5, e1000448.	2.1	265
9	Vaxign: The First Web-Based Vaccine Design Program for Reverse Vaccinology and Applications for Vaccine Development. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-15.	3.0	260
10	Distinct Commensals Induce Interleukin-1Î² via NLRP3 Inflammasome in Inflammatory Monocytes to Promote Intestinal Inflammation in Response to Injury. Immunity, 2015, 42, 744-755.	6.6	259
11	Defining Genomic Islands and Uropathogen-Specific Genes in Uropathogenic Escherichia coli. Journal of Bacteriology, 2007, 189, 3532-3546.	1.0	234
12	Complete Genome Sequence of Uropathogenic Proteus mirabilis , a Master of both Adherence and Motility. Journal of Bacteriology, 2008, 190, 4027-4037.	1.0	229
13	Escherichia coli Isolates That Carry vat , fyuA , chuA , and yfcV Efficiently Colonize the Urinary Tract. Infection and Immunity, 2012, 80, 4115-4122.	1.0	226
14	Merging mythology and morphology: the multifaceted lifestyle of Proteus mirabilis. Nature Reviews Microbiology, 2012, 10, 743-754.	13.6	226
15	Role of Motility in the Colonization of Uropathogenic Escherichia coli in the Urinary Tract. Infection and Immunity, 2005, 73, 7644-7656.	1.0	217
16	Host-specific induction of Escherichia coli fitness genes during human urinary tract infection. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18327-18332.	3.3	215
17	Redundancy and Specificity of Escherichia coli Iron Acquisition Systems during Urinary Tract Infection. Infection and Immunity, 2011, 79, 1225-1235.	1.0	212
18	Role of P-fimbrial-mediated adherence in pyelonephritis and persistence of uropathogenic Escherichia coli (UPEC) in the mammalian kidney. Kidney International, 2007, 72, 19-25.	2.6	209

#	ARTICLE	IF	CITATIONS
19	Pathogenesis of Proteus mirabilis Infection. EcoSal Plus, 2018, 8, .	2.1	208
20	Synthesis and activity of Helicobacter pylori urease and catalase at low pH.. Gut, 1997, 40, 25-30.	6.1	204
21	Escherichia coli Global Gene Expression in Urine from Women with Urinary Tract Infection. PLoS Pathogens, 2010, 6, e1001187.	2.1	203
22	Waging War against UropathogenicEscherichia coli: Winning Back the Urinary Tract. Infection and Immunity, 2010, 78, 568-585.	1.0	203
23	Identification of Sat, an autotransporter toxin produced by uropathogenic Escherichia coli. Molecular Microbiology, 2000, 38, 53-66.	1.2	183
24	Swarming and pathogenicity of Proteus mirabilis in the urinary tract. Trends in Microbiology, 1995, 3, 280-284.	3.5	176
25	Isogenic P-fimbrial deletion mutants of pyelonephritogenic Escherichia coli: the role of ? Gal(1?4)? Gal binding in virulence of a wild-type strain. Molecular Microbiology, 1993, 10, 143-155.	1.2	175
26	Virulence and Fitness Determinants of Uropathogenic Escherichia coli. Microbiology Spectrum, 2015, 3, .	1.2	175
27	Proteus mirabilis Genes That Contribute to Pathogenesis of Urinary Tract Infection: Identification of 25 Signature-Tagged Mutants Attenuated at Least 100-Fold. Infection and Immunity, 2004, 72, 2922-2938.	1.0	172
28	Sat, the Secreted Autotransporter Toxin of Uropathogenic Escherichia coli, Is a Vacuolating Cytotoxin for Bladder and Kidney Epithelial Cells. Infection and Immunity, 2002, 70, 4539-4546.	1.0	171
29	Genome-Wide Identification of Klebsiella pneumoniae Fitness Genes during Lung Infection. MBio, 2015, 6, e00775.	1.8	168
30	Helicobacter pylori nickel-transport gene nixA: synthesis of catalytically active urease in Escherichia coli independent of growth conditions. Molecular Microbiology, 1995, 16, 97-109.	1.2	167
31	Preventing urinary tract infection: progress toward an effectiveEscherichia colivaccine. Expert Review of Vaccines, 2012, 11, 663-676.	2.0	166
32	Mucosal Immunization with Iron Receptor Antigens Protects against Urinary Tract Infection. PLoS Pathogens, 2009, 5, e1000586.	2.1	156
33	Proteus mirabilis urease: nucleotide sequence determination and comparison with jack bean urease. Journal of Bacteriology, 1989, 171, 6414-6422.	1.0	152
34	Pathogenesis of Proteus mirabilisurinary tract infection. Microbes and Infection, 2000, 2, 1497-1505.	1.0	149
35	Energetics of plasmid-mediated arsenate resistance in Escherichia coli.. Proceedings of the National Academy of Sciences of the United States of America, 1982, 79, 6119-6122.	3.3	141
36	Uropathogenic Escherichia coli Outer Membrane Antigens Expressed during Urinary Tract Infection. Infection and Immunity, 2007, 75, 3941-3949.	1.0	138

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37	Genomic Analysis of a Pathogenicity Island in Uropathogenic Escherichia coli CFT073: Distribution of Homologous Sequences among Isolates from Patients with Pyelonephritis, Cystitis, and CatheterAssociated Bacteriuria and from Fecal Samples. Infection and Immunity, 1998, 66, 4411-4417.	1.0	134
38	Helicobacter pyloriUrease: Properties and Role in Pathogenesis. Scandinavian Journal of Gastroenterology, 1991, 26, 39-46.	0.6	125
39	Genome-Wide Detection of Fitness Genes in Uropathogenic Escherichia coli during Systemic Infection. PLoS Pathogens, 2013, 9, e1003788.	2.1	124
40	Haem acquisition is facilitated by a novel receptor Hma and required by uropathogenic Escherichia coli for kidney infection. Molecular Microbiology, 2009, 71, 79-91.	1.2	123
41	The Innate Immune Response to Uropathogenic Escherichia coli Involves IL-17A in a Murine Model of Urinary Tract Infection. Journal of Immunology, 2010, 184, 2065-2075.	0.4	123
42	Proteus mirabilis urease: genetic organization, regulation, and expression of structural genes. Journal of Bacteriology, 1988, 170, 3342-3349.	1.0	122
43	Escherichia coli physiology and metabolism dictates adaptation to diverse host microenvironments. Current Opinion in Microbiology, 2012, 15, 3-9.	2.3	122
44	Assessment of Virulence of Uropathogenic Escherichia coli Type 1 Fimbrial Mutants in Which the Invertible Element Is Phase-Locked On or Off. Infection and Immunity, 2002, 70, 3344-3354.	1.0	121
45	Fimbrial Profiles Predict Virulence of Uropathogenic Escherichia coli Strains: Contribution of Ygi and Yad Fimbriae. Infection and Immunity, 2011, 79, 4753-4763.	1.0	121
46	Coordinate Expression of Fimbriae in Uropathogenic Escherichia coli. Infection and Immunity, 2005, 73, 7588-7596.	1.0	119
47	Emergence of resistance to imipenem in Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 1987, 31, 1892-1896.	1.4	113
48	Genomic Islands of Uropathogenic Escherichia coli Contribute to Virulence. Journal of Bacteriology, 2009, 191, 3469-3481.	1.0	113
49	The Use of a DNA Probe for Epidemiological Studies of Candidiasis in Immunocompromised Hosts. Journal of Infectious Diseases, 1989, 159, 488-494.	1.9	112
50	Hemagglutinin, Urease, and Hemolysin Production by Proteus mirabilis from Clinical Sources. Journal of Infectious Diseases, 1990, 161, 525-530.	1.9	112
51	Quantitative Profile of the Uropathogenic Escherichia coli Outer Membrane Proteome during Growth in Human Urine. Infection and Immunity, 2007, 75, 2679-2688.	1.0	112
52	In Vivo Phase Variation of Escherichia coli Type 1 Fimbrial Genes in Women with Urinary Tract Infection. Infection and Immunity, 1998, 66, 3303-3310.	1.0	111
53	Multicellular Bacteria Deploy the Type VI Secretion System to Preemptively Strike Neighboring Cells. PLoS Pathogens, 2013, 9, e1003608.	2.1	109
54	Helicobacter pylori rocF Is Required for Arginase Activity and Acid Protection In Vitro but Is Not Essential for Colonization of Mice or for Urease Activity. Journal of Bacteriology, 1999, 181, 7314-7322.	1.0	108

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55	The IrgA Homologue Adhesin Iha Is an Escherichia coli Virulence Factor in Murine Urinary Tract Infection. Infection and Immunity, 2005, 73, 965-971.	1.0	105
56	Immunization with the Yersiniabactin Receptor, FyuA, Protects against Pyelonephritis in a Murine Model of Urinary Tract Infection. Infection and Immunity, 2013, 81, 3309-3316.	1.0	105
57	Complex Interplay between Type 1 Fimbrial Expression and Flagellum-Mediated Motility of Uropathogenic Escherichia coli. Journal of Bacteriology, 2007, 189, 5523-5533.	1.0	104
58	In Vivo Dynamics of Type 1 Fimbria Regulation in UropathogenicEscherichia coli during Experimental Urinary Tract Infection. Infection and Immunity, 2001, 69, 2838-2846.	1.0	101
59	Host Characteristics and Bacterial Traits Predict Experimental Virulence for Escherichia coli Bloodstream Isolates From Patients With Urosepsis. Open Forum Infectious Diseases, 2015, 2, ofv083.	0.4	100
60	Autotransporter Genes pic and tsh Are Associated with Escherichia coli Strains That Cause Acute Pyelonephritis and Are Expressed during Urinary Tract Infection. Infection and Immunity, 2004, 72, 593-597.	1.0	97
61	Genome-wide transposon mutagenesis of Proteus mirabilis: Essential genes, fitness factors for catheter-associated urinary tract infection, and the impact of polymicrobial infection on fitness requirements. PLoS Pathogens, 2017, 13, e1006434.	2.1	97
62	FdeC, a Novel Broadly Conserved Escherichia coli Adhesin Eliciting Protection against Urinary Tract Infections. MBio, 2012, 3, .	1.8	93
63	Rapid Growth of Uropathogenic Escherichia coli during Human Urinary Tract Infection. MBio, 2018, 9, .	1.8	93
64	Dietary l-serine confers a competitive fitness advantage to Enterobacteriaceae in the inflamed gut. Nature Microbiology, 2020, 5, 116-125.	5.9	93
65	MR/K Hemagglutination of Providencia stuartii Correlates with Adherence to Catheters and with Persistence in Catheter-Associated Bacteriuria. Journal of Infectious Diseases, 1988, 157, 264-271.	1.9	91
66	In vivo phase variation of MR/P fimbrial gene expression in Proteus mirabilis infecting the urinary tract. Molecular Microbiology, 1997, 23, 1009-1019.	1.2	91
67	Preferential Use of Central Metabolism In Vivo Reveals a Nutritional Basis for Polymicrobial Infection. PLoS Pathogens, 2015, 11, e1004601.	2.1	91
68	The Versatile Type VI Secretion System. Microbiology Spectrum, 2016, 4, .	1.2	89
69	Visualization of Proteus mirabilis within the Matrix of Urease-Induced Bladder Stones during Experimental Urinary Tract Infection. Infection and Immunity, 2002, 70, 389-394.	1.0	88
70	Pathogenesis of Gram-Negative Bacteremia. Clinical Microbiology Reviews, 2021, 34, .	5.7	88
71	The broadly conserved regulator PhoP links pathogen virulence and membrane potential in Escherichia coli. Molecular Microbiology, 2011, 82, 145-163.	1.2	85
72	Transcriptome of Swarming Proteus mirabilis. Infection and Immunity, 2010, 78, 2834-2845.	1.0	83

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73	Dissemination and Systemic Colonization of Uropathogenic Escherichia coli in a Murine Model of Bacteremia. MBio, 2010, 1, .	1.8	83
74	Proteus mirabilis urease: transcriptional regulation by UreR. Journal of Bacteriology, 1993, 175, 465-473.	1.0	81
75	Helicobacter pylori Factors Associated With Disease Development. Gastroenterology, 1997, 113, S21-S28.	0.6	81
76	Repression of bacterial motility by a novel fimbrial gene product. EMBO Journal, 2001, 20, 4854-4862.	3.5	81
77	The Pathogenic Potential of Proteus mirabilis Is Enhanced by Other Uropathogens during Polymicrobial Urinary Tract Infection. Infection and Immunity, 2017, 85, .	1.0	81
78	Uropathogenicity in Rats and Mice of Providencia Stuartii from Long-Term Catheterized Patients. Journal of Urology, 1987, 138, 632-635.	0.2	80
79	Identification of In Vivo -Induced Antigens Including an RTX Family Exoprotein Required for Uropathogenic Escherichia coli Virulence. Infection and Immunity, 2011, 79, 2335-2344.	1.0	80
80	Proteus mirabilis MR/P fimbrial operon: genetic organization, nucleotide sequence, and conditions for expression. Journal of Bacteriology, 1994, 176, 3412-3419.	1.0	79
81	Role of the K2 Capsule inEscherichia coliUrinary Tract Infection and Serum Resistance. Journal of Infectious Diseases, 2009, 199, 1689-1697.	1.9	78
82	Conserved Residues and Motifs in the NixA Protein ofHelicobacter pylori Are Critical for the High Affinity Transport of Nickel Ions. Journal of Biological Chemistry, 1998, 273, 235-241.	1.6	77
83	Helicobacter pylori Growth and Urease Detection in the Chemically Defined Medium Ham's F-12 Nutrient Mixture. Journal of Clinical Microbiology, 2001, 39, 3842-3850.	1.8	77
84	Increased Incidence of Urolithiasis and Bacteremia During Proteus mirabilis and Providencia stuartii Coinfection Due to Synergistic Induction of Urease Activity. Journal of Infectious Diseases, 2014, 209, 1524-1532.	1.9	77
85	Helicobacter pylori Containing Only Cytoplasmic Urease Is Susceptible to Acid. Infection and Immunity, 1998, 66, 5060-5066.	1.0	76
86	Mannose-Resistant Proteus -Like Fimbriae Are Produced by Most Proteus mirabilis Strains Infecting the Urinary Tract, Dictate the In Vivo Localization of Bacteria, and Contribute to Biofilm Formation. Infection and Immunity, 2004, 72, 7294-7305.	1.0	75
87	Quantitative Profile of the Uropathogenic Escherichia coli Outer Membrane Proteome during Growth in Human Urine. Infection and Immunity, 2007, 75, 2679-2688.	1.0	75
88	Development of a Vaccine against Escherichia coli Urinary Tract Infections. Pathogens, 2016, 5, 1.	1.2	75
89	Isolation of Helicobacter pylori Genes That Modulate Urease Activity. Journal of Bacteriology, 1999, 181, 2477-2484.	1.0	75
90	Helicobacter pylori ABC transporter: effect of allelic exchange mutagenesis on urease activity. Journal of Bacteriology, 1997, 179, 5892-5902.	1.0	74

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91	Cloning and expression of R-factor mediated arsenate resistance in Escherichia coli. Molecular Genetics and Genomics, 1983, 191, 421-426.	2.4	73
92	A novel autotransporter of uropathogenic Proteus mirabilis is both a cytotoxin and an agglutinin. Molecular Microbiology, 2008, 68, 997-1017.	1.2	73
93	Siderophore vaccine conjugates protect against uropathogenicEscherichia coliurinary tract infection. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13468-13473.	3.3	73
94	A systematic analysis of hypermucoviscosity and capsule reveals distinct and overlapping genes that impact Klebsiella pneumoniae fitness. PLoS Pathogens, 2021, 17, e1009376.	2.1	73
95	Transcriptome of Proteus mirabilis in the Murine Urinary Tract: Virulence and Nitrogen Assimilation Gene Expression. Infection and Immunity, 2011, 79, 2619-2631.	1.0	71
96	In Vivo Behavior of a Helicobacter pylori SS1 nixA Mutant with Reduced Urease Activity. Infection and Immunity, 2002, 70, 685-691.	1.0	70
97	Visualization of Proteus mirabilis Morphotypes in the Urinary Tract: the Elongated Swarmer Cell Is Rarely Observed in Ascending Urinary Tract Infection. Infection and Immunity, 2003, 71, 3607-3613.	1.0	70
98	Identification of protease and rpoN-associated genes of uropathogenic Proteus mirabilis by negative selection in a mouse model of ascending urinary tract infection. Microbiology (United Kingdom), 1999, 145, 185-195.	0.7	68
99	Development of an Intranasal Vaccine To Prevent Urinary Tract Infection by Proteus mirabilis. Infection and Immunity, 2004, 72, 66-75.	1.0	67
100	Back to the metal age: battle for metals at the hostâ€“pathogen interface during urinary tract infection. Metallomics, 2015, 7, 935-942.	1.0	67
101	Proteus mirabilis amino acid deaminase: cloning, nucleotide sequence, and characterization of aad. Journal of Bacteriology, 1995, 177, 5878-5883.	1.0	66
102	Identification of MrpI as the sole recombinase that regulates the phase variation of MR/P fimbria, a bladder colonization factor of uropathogenic Proteus mirabilis. Molecular Microbiology, 2002, 45, 865-874.	1.2	66
103	Role of Phase Variation of Type 1 Fimbriae in a Uropathogenic Escherichia coli Cystitis Isolate during Urinary Tract Infection. Infection and Immunity, 2006, 74, 1387-1393.	1.0	66
104	Acinetobacter baumannii Genes Required for Bacterial Survival during Bloodstream Infection. MSphere, 2016, 1, .	1.3	66
105	Identification of uropathogenic Escherichia coli surface proteins by shotgun proteomics. Journal of Microbiological Methods, 2009, 78, 131-135.	0.7	63
106	Proteobactin and a yersiniabactinâ€related siderophore mediate iron acquisition in Proteus mirabilis. Molecular Microbiology, 2010, 78, 138-157.	1.2	63
107	Acinetobacter baumannii Is Dependent on the Type II Secretion System and Its Substrate LipA for Lipid Utilization and In Vivo Fitness. Journal of Bacteriology, 2016, 198, 711-719.	1.0	63
108	Nutritional Requirements and Antibiotic Resistance Patterns of Helicobacter Species in Chemically Defined Media. Journal of Clinical Microbiology, 2006, 44, 1650-1658.	1.8	62

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109	Vaccination with Proteus Toxic Agglutinin, a Hemolysin-Independent Cytotoxin In Vivo, Protects against Proteus mirabilis Urinary Tract Infection. Infection and Immunity, 2009, 77, 632-641.	1.0	62
110	Multiple Genes Repress Motility in Uropathogenic Escherichia coli Constitutively Expressing Type 1 Fimbriae. Journal of Bacteriology, 2008, 190, 3747-3756.	1.0	61
111	Metabolism and Fitness of Urinary Tract Pathogens. Microbiology Spectrum, 2015, 3, .	1.2	60
112	Capsule Production and Glucose Metabolism Dictate Fitness during Serratia marcescens Bacteremia. MBio, 2017, 8, .	1.8	60
113	Role of Hpn and NixA ofHelicobacter pyloriin Susceptibility and Resistance to Bismuth and Other Metal Ions. Helicobacter, 1999, 4, 162-169.	1.6	59
114	Zinc Uptake Contributes to Motility and Provides a Competitive Advantage to Proteus mirabilis during Experimental Urinary Tract Infection. Infection and Immunity, 2010, 78, 2823-2833.	1.0	59
115	PapX, a P Fimbrial Operon-Encoded Inhibitor of Motility in Uropathogenic Escherichia coli. Infection and Immunity, 2008, 76, 4833-4841.	1.0	58
116	Purification, characterization, and genetic organization of recombinant Providencia stuartii urease expressed by Escherichia coli. Journal of Bacteriology, 1988, 170, 2202-2207.	1.0	57
117	The Repeat-In-Toxin Family Member TosA Mediates Adherence of Uropathogenic Escherichia coli and Survival during Bacteremia. Infection and Immunity, 2012, 80, 493-505.	1.0	57
118	Membrane Topology of the NixA Nickel Transporter of Helicobacter pylori : Two Nickel Transport-Specific Motifs within Transmembrane Helices II and III. Journal of Bacteriology, 2000, 182, 1722-1730.	1.0	56
119	Enzymatically Active and Inactive Phosphodiesterases and Diguanylate Cyclases Are Involved in Regulation of Motility or Sessility in Escherichia coli CFT073. MBio, 2012, 3, .	1.8	56
120	Genetically diverse uropathogenic Escherichia coli adopt a common transcriptional program in patients with UTIs. ELife, 2019, 8, .	2.8	56
121	Requirement of MrpH for Mannose-Resistant Proteus -Like Fimbria-Mediated Hemagglutination by Proteus mirabilis. Infection and Immunity, 1999, 67, 2822-2833.	1.0	55
122	Protease Activity, Secretion, Cell Entry, Cytotoxicity, and Cellular Targets of Secreted Autotransporter Toxin of Uropathogenic Escherichia coli. Infection and Immunity, 2006, 74, 6124-6134.	1.0	54
123	Identification of virulence determinants in uropathogenic Proteus mirabilis using signature-tagged mutagenesis. Journal of Medical Microbiology, 2008, 57, 1068-1078.	0.7	54
124	Initiation of Swarming Motility by Proteus mirabilis Occurs in Response to Specific Cues Present in Urine and Requires Excess L-Glutamine. Journal of Bacteriology, 2013, 195, 1305-1319.	1.0	54
125	Lipocalin 2 Imparts Selective Pressure on Bacterial Growth in the Bladder and Is Elevated in Women with Urinary Tract Infection. Journal of Immunology, 2014, 193, 6081-6089.	0.4	54
126	SslE Elicits Functional Antibodies That Impair In Vitro Mucinase Activity and In Vivo Colonization by Both Intestinal and Extraintestinal Escherichia coli Strains. PLoS Pathogens, 2014, 10, e1004124.	2.1	54

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127	Binding to and killing of human renal epithelial cells by hemolytic P-fimbriated E. coli. Kidney International, 1994, 46, 1083-1091.	2.6	53
128	Proteus mirabilis urease: operon fusion and linker insertion analysis of ure gene organization, regulation, and function. Journal of Bacteriology, 1995, 177, 5653-5660.	1.0	52
129	Presence of Putative Repeat-in-Toxin Gene tosA in Escherichia coli Predicts Successful Colonization of the Urinary Tract. MBio, 2011, 2, e00066-11.	1.8	51
130	How Often Do Clinically Diagnosed Catheterâ€Associated Urinary Tract Infections in Nursing Homes Meet Standardized Criteria?. Journal of the American Geriatrics Society, 2017, 65, 395-401.	1.3	51
131	Morganella morganii urease: purification, characterization, and isolation of gene sequences. Journal of Bacteriology, 1990, 172, 3073-3080.	1.0	50
132	The coupling of wall growth and chromosome replication in Gram-positive rods. FEMS Microbiology Letters, 1981, 12, 201-208.	0.7	49
133	Adhesion, Invasion, and Agglutination Mediated by Two Trimeric Autotransporters in the Human Uropathogen Proteus mirabilis. Infection and Immunity, 2010, 78, 4882-4894.	1.0	49
134	Blocking Yersiniabactin Import Attenuates Extraintestinal Pathogenic Escherichia coli in Cystitis and Pyelonephritis and Represents a Novel Target To Prevent Urinary Tract Infection. Infection and Immunity, 2015, 83, 1443-1450.	1.0	48
135	Proteus mirabilis MR/P fimbriae: molecular cloning, expression, and nucleotide sequence of the major fimbrial subunit gene. Journal of Bacteriology, 1993, 175, 457-464.	1.0	47
136	Helicobacter pylori HP1512 Is a Nickel-Responsive NikR-Regulated Outer Membrane Protein. Infection and Immunity, 2006, 74, 6811-6820.	1.0	46
137	The type III secretion system of Proteus mirabilis HI4320 does not contribute to virulence in the mouse model of ascending urinary tract infection. Journal of Medical Microbiology, 2007, 56, 1277-1283.	0.7	46
138	Citrobacter freundii fitness during bloodstream infection. Scientific Reports, 2018, 8, 11792.	1.6	46
139	Repression of motility during fimbrial expression: identification of 14 mrpJ gene paralogues in Proteus mirabilis. Molecular Microbiology, 2008, 69, 548-558.	1.2	45
140	CpaA Is a Glycan-Specific Adamalysin-like Protease Secreted by Acinetobacter baumannii That Inactivates Coagulation Factor XII. MBio, 2018, 9, .	1.8	45
141	Helicobacter pylori cadA encodes an essential Cd(II)-Zn(II)-Co(II) resistance factor influencing urease activity. Molecular Microbiology, 1999, 33, 524-536.	1.2	44
142	Vaccines for Proteus mirabilis in urinary tract infection. International Journal of Antimicrobial Agents, 2002, 19, 461-465.	1.1	44
143	Oxygen-Limiting Conditions Enrich for Fimbriate Cells of UropathogenicProteus mirabilisandEscherichia coli. Journal of Bacteriology, 2009, 191, 1382-1392.	1.0	44
144	The Helicobacter pylori flbA flagellar biosynthesis and regulatory gene is required for motility and virulence and modulates urease of H. pylori and Proteus mirabilis. Journal of Medical Microbiology, 2002, 51, 958-970.	0.7	43

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145	Single-step purification of Proteus mirabilis urease accessory protein UreE, a protein with a naturally occurring histidine tail, by nickel chelate affinity chromatography. Journal of Bacteriology, 1994, 176, 6836-6841.	1.0	42
146	Cloning, Expression, and Catalytic Activity ofHelicobacter hepaticus Urease. Infection and Immunity, 2001, 69, 5914-5920.	1.0	42
147	UropathogenicEscherichia coliSuppresses the Host Inflammatory Response via Pathogenicity Island GenessisAandsisB. Infection and Immunity, 2009, 77, 5322-5333.	1.0	42
148	Inhibitors of TonB Function Identified by a High-Throughput Screen for Inhibitors of Iron Acquisition in Uropathogenic Escherichia coli CFT073. MBio, 2014, 5, e01089-13.	1.8	42
149	TnseqDiff: identification of conditionally essential genes in transposon sequencing studies. BMC Bioinformatics, 2017, 18, 326.	1.2	42
150	Differential regulation of the Proteus mirabilis urease gene cluster by UreR and H-NS. Microbiology (United Kingdom), 2003, 149, 3383-3394.	0.7	41
151	Kinetics of Uropathogenic Escherichia coli Metapopulation Movement during Urinary Tract Infection. MBio, 2012, 3, .	1.8	41
152	Pathogenesis of Helicobacter pylori infection. Current Opinion in Gastroenterology, 2000, 16, 24-31.	1.0	40
153	Identification of a Modular Pathogenicity Island That Is Widespread among Urease-Producing Uropathogens and Shares Features with a Diverse Group of Mobile Elements. Infection and Immunity, 2009, 77, 4887-4894.	1.0	40
154	Motility, Chemotaxis, and Flagella. , 0, , 239-248.		40
155	Interaction of Proteus mirabilis Urease Apoenzyme and Accessory Proteins Identified with Yeast Two-Hybrid Technology. Journal of Bacteriology, 2001, 183, 1423-1433.	1.0	39
156	pHâ€Ðependent Protein Profiles ofHelicobacter pyloriAnalyzed by Twoâ€Ðimensional Gels. Helicobacter, 2000, 5, 240-247.	1.6	38
157	Anaerobic Respiration Using a Complete Oxidative TCA Cycle Drives Multicellular Swarming in Proteus mirabilis. MBio, 2012, 3, .	1.8	38
158	The lytic transglycosylase MltB connects membrane homeostasis andin vivofitness ofAcinetobacter baumannii. Molecular Microbiology, 2018, 109, 745-762.	1.2	38
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