

Scott J Hultgren

List of Publications by Year in descending order

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Version: 2024-02-01

135
papers

20,668
citations

18436

62
h-index

13727

129
g-index

140
all docs

140
docs citations

140
times ranked

13068
citing authors

#	ARTICLE	IF	CITATIONS
1	Establishing the role of the gut microbiota in susceptibility to recurrent urinary tract infections. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	17
2	StrainGE: a toolkit to track and characterize low-abundance strains in complex microbial communities. <i>Genome Biology</i> , 2022, 23, 74.	3.8	35
3	Longitudinal multi-omics analyses link gut microbiome dysbiosis with recurrent urinary tract infections in women. <i>Nature Microbiology</i> , 2022, 7, 630-639.	5.9	54
4	Limited effects of long-term daily cranberry consumption on the gut microbiome in a placebo-controlled study of women with recurrent urinary tract infections. <i>BMC Microbiology</i> , 2021, 21, 53.	1.3	21
5	A host receptor enables type 1 pilus-mediated pathogenesis of <i>Escherichia coli</i> pyelonephritis. <i>PLoS Pathogens</i> , 2021, 17, e1009314.	2.1	19
6	Deposition of Host Matrix Proteins on Breast Implant Surfaces Facilitates <i>Staphylococcus Epidermidis</i> Biofilm Formation: In Vitro Analysis. <i>Aesthetic Surgery Journal</i> , 2020, 40, 281-295.	0.9	21
7	Establishment and Characterization of Bacterial Infection of Breast Implants in a Murine Model. <i>Aesthetic Surgery Journal</i> , 2020, 40, 516-528.	0.9	13
8	High-resolution imaging reveals microbial biofilms on patient urinary catheters despite antibiotic administration. <i>World Journal of Urology</i> , 2020, 38, 2237-2245.	1.2	22
9	Adaptation of Arginine Synthesis among Uropathogenic Branches of the <i>Escherichia coli</i> Phylogeny Reveals Adjustment to the Urinary Tract Habitat. <i>MBio</i> , 2020, 11, .	1.8	12
10	Reaching the End of the Line. , 2020, , 83-99.		6
11	Urinary tract infections: microbial pathogenesis, host-pathogen interactions and new treatment strategies. <i>Nature Reviews Microbiology</i> , 2020, 18, 211-226.	13.6	258
12	Insights into the Microbiome of Breast Implants and Periprosthetic Tissue in Breast Implant-Associated Anaplastic Large Cell Lymphoma. <i>Scientific Reports</i> , 2019, 9, 10393.	1.6	76
13	Urinary tract colonization is enhanced by a plasmid that regulates uropathogenic <i>Acinetobacter baumannii</i> chromosomal genes. <i>Nature Communications</i> , 2019, 10, 2763.	5.8	80
14	Reaching the End of the Line: Urinary Tract Infections. <i>Microbiology Spectrum</i> , 2019, 7, .	1.2	50
15	Fimbriae reprogram host gene expression – Divergent effects of P and type 1 fimbriae. <i>PLoS Pathogens</i> , 2019, 15, e1007671.	2.1	17
16	Chemical disarming of isoniazid resistance in <i>Mycobacterium tuberculosis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10510-10517.	3.3	48
17	The Detection of Bacteria and Matrix Proteins on Clinically Benign and Pathologic Implants. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2019, 7, e2037.	0.3	24
18	Biphenyl Gal and GalNAc FmlH Lectin Antagonists of Uropathogenic <i>E. coli</i> (UPEC): Optimization through Iterative Rational Drug Design. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 467-479.	2.9	18

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19	Mucosal infection rewires TNF ϵ ' signaling dynamics to skew susceptibility to recurrence. <i>ELife</i> , 2019, 8, .	2.8	24
20	Structure-based discovery of glycomimetic FmlH ligands as inhibitors of bacterial adhesion during urinary tract infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2819-E2828.	3.3	63
21	Precision antimicrobial therapeutics: the path of least resistance?. <i>Npj Biofilms and Microbiomes</i> , 2018, 4, 4.	2.9	69
22	Hydrogen Sulfide Sensing through Reactive Sulfur Species (RSS) and Nitroxyl (HNO) in <i>Enterococcus faecalis</i> . <i>ACS Chemical Biology</i> , 2018, 13, 1610-1620.	1.6	37
23	Host restriction of <i>Escherichia coli</i> recurrent urinary tract infection occurs in a bacterial strain-specific manner. <i>PLoS Pathogens</i> , 2018, 14, e1007457.	2.1	32
24	Manganese acquisition is essential for virulence of <i>Enterococcus faecalis</i> . <i>PLoS Pathogens</i> , 2018, 14, e1007102.	2.1	63
25	Structural basis for usher activation and intramolecular subunit transfer in P pilus biogenesis in <i>Escherichia coli</i> . <i>Nature Microbiology</i> , 2018, 3, 1362-1368.	5.9	17
26	Structure-Function Analysis of the Curli Accessory Protein CsgE Defines Surfaces Essential for Coordinating Amyloid Fiber Formation. <i>MBio</i> , 2018, 9, .	1.8	33
27	Differential Regulation of <i>Escherichia coli</i> fim Genes following Binding to Mannose Receptors. <i>Journal of Pathogens</i> , 2018, 2018, 1-8.	0.9	13
28	Functional role of the type 1 pilus rod structure in mediating host-pathogen interactions. <i>ELife</i> , 2018, 7, .	2.8	70
29	Evolutionary fine-tuning of conformational ensembles in FimH during host-pathogen interactions. <i>Science Advances</i> , 2017, 3, e1601944.	4.7	50
30	Selective depletion of uropathogenic <i>E. coli</i> from the gut by a FimH antagonist. <i>Nature</i> , 2017, 546, 528-532.	13.7	231
31	Bacterial virulence phenotypes of <i>Escherichia coli</i> and host susceptibility determine risk for urinary tract infections. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	139
32	Catheterization alters bladder ecology to potentiate <i>Staphylococcus aureus</i> infection of the urinary tract. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8721-E8730.	3.3	93
33	Correlative Light, Electron, and Ion Microscopy for the Study of Urinary Tract Infection Pathogenesis. <i>Microscopy and Microanalysis</i> , 2017, 23, 1308-1309.	0.2	0
34	Host and bacterial proteases influence biofilm formation and virulence in a murine model of enterococcal catheter-associated urinary tract infection. <i>Npj Biofilms and Microbiomes</i> , 2017, 3, 28.	2.9	48
35	A mucosal imprint left by prior <i>Escherichia coli</i> bladder infection sensitizes to recurrent disease. <i>Nature Microbiology</i> , 2017, 2, 16196.	5.9	67
36	Narrowing the spectrum: the new frontier of precision antimicrobials. <i>Genome Medicine</i> , 2017, 9, 110.	3.6	36

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37	Highly conserved type 1 pili promote enterotoxigenic E. coli pathogen-host interactions. PLoS Neglected Tropical Diseases, 2017, 11, e0005586.	1.3	42
38	One size doesn't fit all: unraveling the diversity of factors and interactions that drive E. coli urovirulence. Annals of Translational Medicine, 2017, 5, 28-28.	0.7	11
39	Innovative Solutions to Sticky Situations: Antiadhesive Strategies for Treating Bacterial Infections. , 2016, , 753-795.		0
40	Adhesive Pili in UTI Pathogenesis and Drug Development. Pathogens, 2016, 5, 30.	1.2	66
41	Antivirulence Isoquinolone Mannosides: Optimization of the Biaryl Aglycone for FimH Lectin Binding Affinity and Efficacy in the Treatment of Chronic UTI. ChemMedChem, 2016, 11, 367-373.	1.6	53
42	Drug and Vaccine Development for the Treatment and Prevention of Urinary Tract Infections. Microbiology Spectrum, 2016, 4, .	1.2	87
43	Innovative Solutions to Sticky Situations: Antiadhesive Strategies for Treating Bacterial Infections. Microbiology Spectrum, 2016, 4, .	1.2	4
44	Metabolic Requirements of Escherichia coli in Intracellular Bacterial Communities during Urinary Tract Infection Pathogenesis. MBio, 2016, 7, e00104-16.	1.8	89
45	The Catabolite Repressor Protein-Cyclic AMP Complex Regulates csgD and Biofilm Formation in Uropathogenic Escherichia coli. Journal of Bacteriology, 2016, 198, 3329-3334.	1.0	44
46	Inflammation-Induced Adhesin-Receptor Interaction Provides a Fitness Advantage to Uropathogenic E. coli during Chronic Infection. Cell Host and Microbe, 2016, 20, 482-492.	5.1	53
47	Antivirulence C-Mannosides as Antibiotic-Sparing, Oral Therapeutics for Urinary Tract Infections. Journal of Medicinal Chemistry, 2016, 59, 9390-9408.	2.9	84
48	Antibody-Based Therapy for Enterococcal Catheter-Associated Urinary Tract Infections. MBio, 2016, 7, .	1.8	48
49	Solution NMR structure of CsgE: Structural insights into a chaperone and regulator protein important for functional amyloid formation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7130-7135.	3.3	22
50	Structure of a Chaperone-Usher Pilus Reveals the Molecular Basis of Rod Uncoiling. Cell, 2016, 164, 269-278.	13.5	61
51	Fibrinogen Release and Deposition on Urinary Catheters Placed during Urological Procedures. Journal of Urology, 2016, 196, 416-421.	0.2	68
52	Establishment and Characterization of UTI and CAUTI in a Mouse Model. Journal of Visualized Experiments, 2015, , e52892.	0.2	22
53	Are you experienced? Understanding bladder innate immunity in the context of recurrent urinary tract infection. Current Opinion in Infectious Diseases, 2015, 28, 97-105.	1.3	42
54	Subinhibitory Antibiotic Therapy Alters Recurrent Urinary Tract Infection Pathogenesis through Modulation of Bacterial Virulence and Host Immunity. MBio, 2015, 6, .	1.8	52

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55	Chaos Controlled: Discovery of a Powerful Amyloid Inhibitor. <i>Molecular Cell</i> , 2015, 57, 391-393.	4.5	4
56	Dysregulation of <i>Escherichia coli</i> α -hemolysin expression alters the course of acute and persistent urinary tract infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E871-80.	3.3	132
57	Role of Hypoxia Inducible Factor-1 α (HIF-1 α) in Innate Defense against Uropathogenic <i>Escherichia coli</i> Infection. <i>PLoS Pathogens</i> , 2015, 11, e1004818.	2.1	62
58	Fueling the Fire with Fibers: Bacterial Amyloids Promote Inflammatory Disorders. <i>Cell Host and Microbe</i> , 2015, 18, 1-2.	5.1	33
59	A 2-Pyridone-Amide Inhibitor Targets the Glucose Metabolism Pathway of <i>Chlamydia trachomatis</i> . <i>MBio</i> , 2015, 6, e02304-14.	1.8	22
60	Advanced glycation end products facilitate bacterial adherence in urinary tract infection in diabetic mice. <i>Pathogens and Disease</i> , 2015, 73, .	0.8	17
61	The pilus usher controls protein interactions via domain masking and is functional as an oligomer. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 540-546.	3.6	27
62	Uropathogenic <i>Escherichia coli</i> Superinfection Enhances the Severity of Mouse Bladder Infection. <i>PLoS Pathogens</i> , 2015, 11, e1004599.	2.1	46
63	Impaired cytokine expression, neutrophil infiltration and bacterial clearance in response to urinary tract infection in diabetic mice. <i>Pathogens and Disease</i> , 2015, 73, .	0.8	19
64	Urinary tract infections: epidemiology, mechanisms of infection and treatment options. <i>Nature Reviews Microbiology</i> , 2015, 13, 269-284.	13.6	2,406
65	Bacterial Amyloid Formation: Structural Insights into Curli Biogenesis. <i>Trends in Microbiology</i> , 2015, 23, 693-706.	3.5	148
66	Human Urine Decreases Function and Expression of Type 1 Pili in Uropathogenic <i>Escherichia coli</i> . <i>MBio</i> , 2015, 6, e00820.	1.8	58
67	EbpA vaccine antibodies block binding of <i>Enterococcus faecalis</i> to fibrinogen to prevent catheter-associated bladder infection in mice. <i>Science Translational Medicine</i> , 2014, 6, 254ra127.	5.8	130
68	Inhibition of Cyclooxygenase-2 Prevents Chronic and Recurrent Cystitis. <i>EBioMedicine</i> , 2014, 1, 46-57.	2.7	92
69	Pilicide ec240 Disrupts Virulence Circuits in Uropathogenic <i>Escherichia coli</i> . <i>MBio</i> , 2014, 5, e02038.	1.8	65
70	From Physiology to Pharmacy: Developments in the Pathogenesis and Treatment of Recurrent Urinary Tract Infections. <i>Current Urology Reports</i> , 2013, 14, 448-456.	1.0	65
71	Molecular basis of usher pore gating in <i>Escherichia coli</i> pilus biogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20741-20746.	3.3	27
72	<i>Enterococcus faecalis</i> Overcomes Foreign Body-Mediated Inflammation To Establish Urinary Tract Infections. <i>Infection and Immunity</i> , 2013, 81, 329-339.	1.0	84

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73	Structural and energetic basis of folded-protein transport by the FimD usher. <i>Nature</i> , 2013, 496, 243-246.	13.7	88
74	Positively selected FimH residues enhance virulence during urinary tract infection by altering FimH conformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15530-15537.	3.3	105
75	Genomic Diversity and Fitness of <i>E. coli</i> Strains Recovered from the Intestinal and Urinary Tracts of Women with Recurrent Urinary Tract Infection. <i>Science Translational Medicine</i> , 2013, 5, 184ra60.	5.8	148
76	Strong cross-system interactions drive the activation of the QseB response regulator in the absence of its cognate sensor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16592-16597.	3.3	81
77	Domain activities of PapC usher reveal the mechanism of action of an <i>Escherichia coli</i> molecular machine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9563-9568.	3.3	38
78	The Metal Ion-Dependent Adhesion Site Motif of the <i>Enterococcus faecalis</i> EbpA Pilin Mediates Pilus Function in Catheter-Associated Urinary Tract Infection. <i>MBio</i> , 2012, 3, e00177-12.	1.8	118
79	Lead Optimization Studies on FimH Antagonists: Discovery of Potent and Orally Bioavailable Ortho-Substituted Biphenyl Mannosides. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 3945-3959.	2.9	112
80	Host pathogen checkpoints and population bottlenecks in persistent and intracellular uropathogenic <i>Escherichia coli</i> bladder infection. <i>FEMS Microbiology Reviews</i> , 2012, 36, 616-648.	3.9	296
81	Population Dynamics and Niche Distribution of Uropathogenic <i>Escherichia coli</i> during Acute and Chronic Urinary Tract Infection. <i>Infection and Immunity</i> , 2011, 79, 4250-4259.	1.0	146
82	Crystal structure of the FimD usher bound to its cognate FimC-FimH substrate. <i>Nature</i> , 2011, 474, 49-53.	13.7	170
83	Treatment and Prevention of Urinary Tract Infection with Orally Active FimH Inhibitors. <i>Science Translational Medicine</i> , 2011, 3, 109ra115.	5.8	254
84	Structure-Based Drug Design and Optimization of Mannoside Bacterial FimH Antagonists. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4779-4792.	2.9	220
85	The differential affinity of the usher for chaperone subunit complexes is required for assembly of complete pili. <i>Molecular Microbiology</i> , 2010, 76, 159-172.	1.2	25
86	Enterococcal Biofilm Formation and Virulence in an Optimized Murine Model of Foreign Body-Associated Urinary Tract Infections. <i>Infection and Immunity</i> , 2010, 78, 4166-4175.	1.0	142
87	Early Severe Inflammatory Responses to Uropathogenic <i>E. coli</i> Predispose to Chronic and Recurrent Urinary Tract Infection. <i>PLoS Pathogens</i> , 2010, 6, e1001042.	2.1	223
88	Design and Synthesis of C-2 Substituted Thiazolo and Dihydrothiazolo Ring-Fused 2-Pyridones: Pilocides with Increased Antivirulence Activity. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 5690-5695.	2.9	82
89	Positive selection identifies an in vivo role for FimH during urinary tract infection in addition to mannose binding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22439-22444.	3.3	165
90	Quantitative Metabolomics Reveals an Epigenetic Blueprint for Iron Acquisition in Uropathogenic <i>Escherichia coli</i> . <i>PLoS Pathogens</i> , 2009, 5, e1000305.	2.1	211

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91	QseC-mediated dephosphorylation of QseB is required for expression of genes associated with virulence in uropathogenic <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2009, 73, 1020-1031.	1.2	139
92	Small-molecule inhibitors target <i>Escherichia coli</i> amyloid biogenesis and biofilm formation. <i>Nature Chemical Biology</i> , 2009, 5, 913-919.	3.9	381
93	Structural biology of the chaperone-usher pathway of pilus biogenesis. <i>Nature Reviews Microbiology</i> , 2009, 7, 765-774.	13.6	298
94	A murine model of urinary tract infection. <i>Nature Protocols</i> , 2009, 4, 1230-1243.	5.5	254
95	<i>LeuX</i> tRNA-dependent and -independent mechanisms of <i>Escherichia coli</i> pathogenesis in acute cystitis. <i>Molecular Microbiology</i> , 2008, 67, 116-128.	1.2	67
96	G-CSF induction early in uropathogenic <i>Escherichia coli</i> infection of the urinary tract modulates host immunity. <i>Cellular Microbiology</i> , 2008, 10, 2568-2578.	1.1	113
97	Fiber Formation across the Bacterial Outer Membrane by the Chaperone/Usher Pathway. <i>Cell</i> , 2008, 133, 640-652.	13.5	194
98	Functional Genomic Studies of Uropathogenic <i>Escherichia coli</i> and Host Urothelial Cells when Intracellular Bacterial Communities Are Assembled. <i>Journal of Biological Chemistry</i> , 2007, 282, 21259-21267.	1.6	129
99	Adaptor Function of PapF Depends on Donor Strand Exchange in P-Pilus Biogenesis of <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2007, 189, 5276-5283.	1.0	24
100	<i>Escherichia coli</i> from Urine of Female Patients with Urinary Tract Infections Is Competent for Intracellular Bacterial Community Formation. <i>Infection and Immunity</i> , 2007, 75, 52-60.	1.0	145
101	Detection of Intracellular Bacterial Communities in Human Urinary Tract Infection. <i>PLoS Medicine</i> , 2007, 4, e329.	3.9	495
102	Development of intracellular bacterial communities of uropathogenic <i>Escherichia coli</i> depends on type 1 pili. <i>Cellular Microbiology</i> , 2007, 9, 2230-2241.	1.1	288
103	Donor-Strand Exchange in Chaperone-Assisted Pilus Assembly Proceeds through a Concerted β^2 Strand Displacement Mechanism. <i>Molecular Cell</i> , 2006, 22, 831-842.	4.5	159
104	Sticky fibers and uropathogenesis: bacterial adhesins in the urinary tract. <i>Future Microbiology</i> , 2006, 1, 75-87.	1.0	76
105	Rationally designed small compounds inhibit pilus biogenesis in uropathogenic bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 17897-17902.	3.3	257
106	Mechanisms of uropathogenic <i>Escherichia coli</i> persistence and eradication from the urinary tract. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14170-14175.	3.3	445
107	Identification of genes subject to positive selection in uropathogenic strains of <i>Escherichia coli</i> : A comparative genomics approach. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 5977-5982.	3.3	509
108	Filamentation by <i>Escherichia coli</i> subverts innate defenses during urinary tract infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19884-19889.	3.3	283

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109	Uropathogenic Escherichia coli Flagella Aid in Efficient Urinary Tract Colonization. <i>Infection and Immunity</i> , 2005, 73, 7657-7668.	1.0	199
110	Differentiation and developmental pathways of uropathogenic Escherichia coli in urinary tract pathogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 1333-1338.	3.3	551
111	Intracellular Bacterial Biofilm-Like Pods in Urinary Tract Infections. <i>Science</i> , 2003, 301, 105-107.	6.0	976
112	Effect of Trimethoprim-Sulfamethoxazole on Recurrent Bacteriuria and Bacterial Persistence in Mice Infected with Uropathogenic Escherichia coli. <i>Infection and Immunity</i> , 2002, 70, 7042-7049.	1.0	145
113	Role of Escherichia coli Curli Operons in Directing Amyloid Fiber Formation. <i>Science</i> , 2002, 295, 851-855.	6.0	1,127
114	Design and Parallel Solid-Phase Synthesis of Ring-Fused 2-Pyridinones That Target Pilus Biogenesis in Pathogenic Bacteria. <i>ACS Combinatorial Science</i> , 2002, 4, 630-639.	3.3	60
115	Bacterial Outer Membrane Ushers Contain Distinct Targeting and Assembly Domains for Pilus Biogenesis. <i>Journal of Bacteriology</i> , 2002, 184, 6260-6269.	1.0	74
116	Chaperone Priming of Pilus Subunits Facilitates a Topological Transition that Drives Fiber Formation. <i>Cell</i> , 2002, 111, 543-551.	13.5	236
117	Evidence for donor strand complementation in the biogenesis of Haemophilus influenzae haemagglutinating pili. <i>Molecular Microbiology</i> , 2002, 35, 1335-1347.	1.2	14
118	Structural basis of tropism of Escherichia coli to the bladder during urinary tract infection. <i>Molecular Microbiology</i> , 2002, 44, 903-915.	1.2	360
119	Structural Basis of the Interaction of the Pyelonephritic E. coli Adhesin to Its Human Kidney Receptor. <i>Cell</i> , 2001, 105, 733-743.	13.5	250
120	Bacteria thread the needle. <i>Nature</i> , 2001, 414, 29-31.	13.7	6
121	Establishment of a Persistent Escherichia coli Reservoir during the Acute Phase of a Bladder Infection. <i>Infection and Immunity</i> , 2001, 69, 4572-4579.	1.0	706
122	Stereoselective Synthesis of Optically Active Î²-Lactams, Potential Inhibitors of Pilus Assembly in Pathogenic Bacteria. <i>Organic Letters</i> , 2000, 2, 2065-2067.	2.4	44
123	CELL BIOLOGY: Bacterial Spelunkers. <i>Science</i> , 2000, 289, 732-733.	6.0	16
124	Probing conserved surfaces on PapD. <i>Molecular Microbiology</i> , 1999, 31, 773-783.	1.2	34
125	Structural Basis of Chaperone Function and Pilus Biogenesis. <i>Science</i> , 1999, 285, 1058-1061.	6.0	396
126	X-ray Structure of the FimC-FimH Chaperone-Adhesin Complex from Uropathogenic Escherichia coli. <i>Science</i> , 1999, 285, 1061-1066.	6.0	582

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127	Induction and Evasion of Host Defenses by Type 1-Piliated Uropathogenic Escherichia coli. , 1998, 282, 1494-1497.		857
128	Prevention of Mucosal Escherichia coli Infection by FimH-Adhesin-Based Systemic Vaccination. Science, 1997, 276, 607-611.	6.0	548
129	Transferred nuclear Overhauser effect spectroscopy study of a peptide from the PapG pilus subunit bound by the Escherichia coli PapD chaperone. FEBS Letters, 1997, 412, 115-120.	1.3	6
130	Molecular dissection of PapD interaction with PapG reveals two chaperone-binding sites. Molecular Microbiology, 1995, 16, 1011-1020.	1.2	30
131	Structural requirements for the glycolipid receptor of human uropathogenic Escherichia coli. Molecular Microbiology, 1995, 16, 1021-1029.	1.2	65
132	P pili in uropathogenic E. coli are composite fibres with distinct fibrillar adhesive tips. Nature, 1992, 356, 252-255.	13.7	337
133	The Chaperone-Usher Pathway of Pilus Fiber Biogenesis. , 0, , 69-79.		0
134	Sugar Recognition and Bacterial Attachment. , 0, , 37-48.		0
135	Uropathogenic Escherichia coli Virulence and Gene Regulation. , 0, , 133-155.		0