David A Hunstad

List of Publications by Year
in descending order

68 papers	3,691 citations	172386 29 h-index	138417 58 g-index
68 all docs	68 docs citations	68 times ranked	4796 citing authors

#	Article	IF	Citations
1	Morphological plasticity as a bacterial survival strategy. Nature Reviews Microbiology, 2008, 6, 162-168.	13.6	525
2	Filamentation by Escherichia coli subverts innate defenses during urinary tract infection. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 19884-19889.	3.3	283
3	Urinary Tract Infection: Pathogenesis and Outlook. Trends in Molecular Medicine, 2016, 22, 946-957.	3.5	217
4	Intracellular Lifestyles and Immune Evasion Strategies of UropathogenicEscherichia coli. Annual Review of Microbiology, 2010, 64, 203-221.	2.9	173
5	A Second Target of the Antimalarial and Antibacterial Agent Fosmidomycin Revealed by Cellular Metabolic Profiling. Biochemistry, 2011, 50, 3570-3577.	1.2	142
6	CD14- and Toll-Like Receptor-Dependent Activation of Bladder Epithelial Cells by Lipopolysaccharide and Type 1 Piliated Escherichia coli. Infection and Immunity, 2003, 71, 1470-1480.	1.0	136
7	Periplasmic Peptidyl Prolyl cis-trans Isomerases Are Not Essential for Viability, but SurA Is Required for Pilus Biogenesis in Escherichia coli. Journal of Bacteriology, 2005, 187, 7680-7686.	1.0	126
8	Suppression of Bladder Epithelial Cytokine Responses by Uropathogenic Escherichia coli. Infection and Immunity, 2005, 73, 3999-4006.	1.0	125
9	A Serologic Correlate of Protective Immunity Against Community-Onset Staphylococcus aureus Infection. Clinical Infectious Diseases, 2013, 56, 1554-1561.	2.9	121
10	Morphological plasticity promotes resistance to phagocyte killing of uropathogenic Escherichia coli. Microbes and Infection, 2011, 13, 426-437.	1.0	111
11	Maturation of Intracellular Escherichia coli Communities Requires SurA. Infection and Immunity, 2006, 74, 4793-4800.	1.0	107
12	Virulence Gene Expression in Human Communityâ€AcquiredStaphylococcus aureusInfection. Journal of Infectious Diseases, 2009, 199, 294-301.	1.9	88
13	Pathophysiology, Treatment, and Prevention of Catheter-Associated Urinary Tract Infection. Topics in Spinal Cord Injury Rehabilitation, 2019, 25, 228-240.	0.8	88
14	ANTIBODY RESPONSES AND PROTECTION FROM PYELONEPHRITIS FOLLOWING VACCINATION WITH PURIFIED ESCHERICHIA COLI PAPDG PROTEIN. Journal of Urology, 2004, 171, 1682-1685.	0.2	86
15	Preparation and in Vitro Antimicrobial Activity of Silver-Bearing Degradable Polymeric Nanoparticles of Polyphosphoester-block-Poly(<scp>l</scp>-lactide). ACS Nano, 2015, 9, 1995-2008.	7.3	84
16	Polymeric nanoparticles in development for treatment of pulmonary infectious diseases. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2016, 8, 842-871.	3.3	84
17	OmpA of Uropathogenic Escherichia coli Promotes Postinvasion Pathogenesis of Cystitis. Infection and Immunity, 2009, 77, 5245-5251.	1.0	71
18	Interaction of uropathogenic Escherichia coli with host uroepithelium. Current Opinion in Microbiology, 2005, 8, 54-59.	2.3	67

#	Article	IF	Citations
19	Androgens Enhance Male Urinary Tract Infection Severity in a New Model. Journal of the American Society of Nephrology: JASN, 2016, 27, 1625-1634.	3.0	62
20	Contribution of Genetically Restricted, Methicillinâ€Susceptible Strains to the Ongoing Epidemic of Communityâ€AcquiredStaphylococcus aureusInfections. Clinical Infectious Diseases, 2009, 49, 536-542.	2.9	50
21	Shell crosslinked nanoparticles carrying silver antimicrobials as therapeutics. Chemical Communications, 2010, 46, 121-123.	2.2	50
22	A Murine Model for Escherichia coli Urinary Tract Infection. Methods in Molecular Biology, 2016, 1333, 159-175.	0.4	50
23	Diastereoselectivity of Enolate Anion Protonation. H/D Exchange of Î²-Substituted Ethyl Butanoates in Ethanol-d. Journal of the American Chemical Society, 1997, 119, 479-486.	6.6	48
24	Goblet cell associated antigen passages are inhibited during Salmonella typhimurium infection to prevent pathogen dissemination and limit responses to dietary antigens. Mucosal Immunology, 2018, 11, 1103-1113.	2.7	47
25	Subversion of Host Innate Immunity by Uropathogenic Escherichia coli. Pathogens, 2016, 5, 2.	1.2	46
26	Induction of Indoleamine 2,3-Dioxygenase by Uropathogenic Bacteria Attenuates Innate Responses to Epithelial Infection. Journal of Infectious Diseases, 2012, 205, 1830-1839.	1.9	45
27	Attenuation of human neutrophil migration and function by uropathogenic bacteria. Microbes and Infection, 2011, 13, 555-565.	1.0	44
28	Vancomycin Trough Concentrations in Overweight or Obese Pediatric Patients. Pharmacotherapy, 2013, 33, 1273-1277.	1.2	39
29	Klebsiella pneumoniaeFimK Promotes Virulence in Murine Pneumonia. Journal of Infectious Diseases, 2016, 213, 649-658.	1.9	34
30	YbcL of Uropathogenic Escherichia coli Suppresses Transepithelial Neutrophil Migration. Infection and Immunity, 2012, 80, 4123-4132.	1.0	32
31	UPEC Hemolysin: More than Just for Making Holes. Cell Host and Microbe, 2012, 11, 4-5.	5.1	32
32	Scurvy Revealed by Difficulty Walking. Journal of Clinical Rheumatology, 2014, 20, 224-228.	0.5	31
33	Components of SurA Required for Outer Membrane Biogenesis in Uropathogenic Escherichia coli. PLoS ONE, 2008, 3, e3359.	1.1	28
34	THE NATURAL HISTORY OF CONTEMPORARY STAPHYLOCOCCUS AUREUS NASAL COLONIZATION IN COMMUNITY CHILDREN. Pediatric Infectious Disease Journal, 2011, 30, 349-351.	1.1	28
35	Morphologic Design of Silver-Bearing Sugar-Based Polymer Nanoparticles for Uroepithelial Cell Binding and Antimicrobial Delivery. Nano Letters, 2021, 21, 4990-4998.	4.5	28
36	Local Generation of Kynurenines Mediates Inhibition of Neutrophil Chemotaxis by Uropathogenic Escherichia coli. Infection and Immunity, 2016, 84, 1176-1183.	1.0	26

#	Article	IF	Citations
37	Cathelicidin Augments Epithelial Receptivity and Pathogenesis in ExperimentalEscherichia coliCystitis. Journal of Infectious Diseases, 2015, 211, 1164-1173.	1.9	23
38	Androgen exposure potentiates formation of intratubular communities and renal abscesses byÂEscherichia coli. Kidney International, 2018, 94, 502-513.	2.6	23
39	Renal scar formation and kidney function following antibiotic-treated murine pyelonephritis. DMM Disease Models and Mechanisms, 2017, 10, 1371-1379.	1.2	21
40	Successful eradication of mucormycosis occurring in a pulmonary allograft. Journal of Heart and Lung Transplantation, 1999, 18, 801-804.	0.3	20
41	A host receptor enables type 1 pilus-mediated pathogenesis of Escherichia coli pyelonephritis. PLoS Pathogens, 2021, 17, e1009314.	2.1	19
42	HOME2 Study: Household Versus Personalized Decolonization in Households of Children With Methicillin-Resistant Staphylococcus aureus Skin and Soft Tissue Infectionâ€”A Randomized Clinical Trial. Clinical Infectious Diseases, 2021, 73, e4568-e4577.	2.9	18
43	Molecular Epidemiology of Recurrent Cutaneous Methicillin-Resistant Staphylococcus aureus Infections in Children. Journal of the Pediatric Infectious Diseases Society, 2014, 3, 261-264.	0.6	17
44	Vitamin D Sufficiency and Staphylococcus Aureus Infection in Children. Pediatric Infectious Disease Journal, 2015, 34, 544-545.	1.1	16
45	Androgen-Influenced Polarization of Activin A-Producing Macrophages Accompanies Post-pyelonephritic Renal Scarring. Frontiers in Immunology, 2020, 11, 1641.	2.2	15
46	Imidazolium Salts as Small-Molecule Urinary Bladder Exfoliants in a Murine Model. Antimicrobial Agents and Chemotherapy, 2015, 59, 5494-5502.	1.4	14
47	High Levels of Cyclic Di-GMP in Klebsiella pneumoniae Attenuate Virulence in the Lung. Infection and Immunity, 2018, 86, .	1.0	14
48	A Vinyl Ether-Functional Polycarbonate as a Template for Multiple Postpolymerization Modifications. Macromolecules, 2018, 51, 3233-3242.	2.2	13
49	Serologic and Cytokine Signatures in Children With Multisystem Inflammatory Syndrome and Coronavirus Disease 2019. Open Forum Infectious Diseases, 2022, 9, ofac070.	0.4	13
50	Oseltamivir Dosing in Premature Infants. Journal of Infectious Diseases, 2012, 206, 847-850.	1.9	12
51	Incidence and treatment of hemophagocytic lymphohistiocytosis in hospitalized children with Ehrlichia infection. Pediatric Blood and Cancer, 2020, 67, e28436.	0.8	11
52	Sex effects in pyelonephritis. Pediatric Nephrology, 2021, 36, 507-515.	0.9	11
53	Synthetic Polymer Nanoparticles Conjugated with FimHA from E. coli Pili to Emulate the Bacterial Mode of Epithelial Internalization. Journal of the American Chemical Society, 2012, 134, 3938-3941.	6.6	10
54	Mass spectrometric measurement of urinary kynurenine-to-tryptophan ratio in children with and without urinary tract infection. Clinical Biochemistry, 2018, 56, 83-88.	0.8	10

#	Article	IF	Citations
55	Bacterial Lysis Liberates the Neutrophil Migration Suppressor YbcL from the Periplasm of Uropathogenic Escherichia coli. Infection and Immunity, 2014, 82, 4921-4930.	1.0	9
56	SALMONELLA OVARIAN ABSCESS IN AN ADOLESCENT. Pediatric Infectious Disease Journal, 2007, 26, 548-549.	1.1	7
57	A Newborn With Hydrops, Hydrocephalus, and Ophthalmologic Abnormalities. Journal of the Pediatric Infectious Diseases Society, 2013, 2, 391-393.	0.6	7
58	Synthesis, characterization, in vitro SAR and in vivo evaluation of N,Nâ€²bisnaphthylmethyl 2-alkyl substituted imidazolium salts against NSCLC. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 764-775.	1.0	7
59	Quantitative Assessment of Human Neutrophil Migration Across a Cultured Bladder Epithelium. Journal of Visualized Experiments, 2013, , e50919.	0.2	6
60	TGFÎ²1 orchestrates renal fibrosis following Escherichia coli pyelonephritis. Physiological Reports, 2020, 8, e14401.	0.7	6
61	STAPHYLOCOCCUS AUREUS WITH REDUCED SUSCEPTIBILITY TO GLYCOPEPTIDE ANTIBIOTICS. Pediatric Infectious Disease Journal, 2000, 19, 1093-1095.	1.1	5
62	Carriage of the Toxic Shock Syndrome Toxin Gene by Contemporary Community-Associated Staphylococcus aureus Isolates. Journal of the Pediatric Infectious Diseases Society, 2019, 8, 470-473.	0.6	4
63	Escherichia coli in Urinary Tract Infections. , 2015, , 1373-1387.		2
64	Sex Differences in Population Dynamics during Formation of Kidney Bacterial Communities by Uropathogenic Escherichia coli. Infection and Immunity, 2021, 89, .	1.0	2
65	Perspective commentary from the Society for Pediatric Research: supporting early-stage pediatric physicianâ€“scientist success. Pediatric Research, 2020, 87, 834-838.	1.1	1
66	Blueberry Muffin Rash, Bilateral Cataracts, and Thrombocytopenia in a Neonate. Clinical Chemistry, 2021, 67, 472-475.	1.5	1
67	RE: Histoplasmosis in a child with JRA on low-dose methotrexate. Rheumatology, 2007, 46, 1216-1216.	0.9	0
68	MOLECULAR DETERMINANTS OF MICROBIAL PATHOGENESIS. , 2009, , 2-21.		0