Matthew A Mulvey

List of Publications by Year
in descending order

82 papers	5,781 citations	101543 36 h-index	138484 58 g-index
114 all docs	114 docs citations	114 times ranked	5523 citing authors

#	Article	IF	Citations
1	Lysosomal iron recycling in mouse macrophages is dependent upon both LcytB and Steap3 reductases. Blood Advances, 2022, 6, 1692-1707.	5.2	18
2	A tRNA modifying enzyme as a tunable regulatory nexus for bacterial stress responses and virulence. Nucleic Acids Research, 2022, 50, 7570-7590.	14.5	8
3	The Cdkn2a gene product p19 alternative reading frame (p19ARF) is a critical regulator of IFNÎ²-mediated Lyme arthritis. PLoS Pathogens, 2022, 18, e1010365.	4.7	3
4	Ucl fimbriae regulation and glycan receptor specificity contribute to gut colonisation by extra-intestinal pathogenic Escherichia coli. PLoS Pathogens, 2022, 18, e1010582.	4.7	6
5	Bile Salts Regulate Zinc Uptake and Capsule Synthesis in a Mastitis-Associated Extraintestinal Pathogenic Escherichia coli Strain. Infection and Immunity, 2021, 89, e0035721.	2.2	7
6	Clinical and molecular epidemiology of invasive Staphylococcus aureus infection in Utah children; continued dominance of MSSA over MRSA. PLoS ONE, 2020, 15, e0238991.	2.5	20
7	Mucosal-associated invariant T (MAIT) cells mediate protective host responses in sepsis. ELife, 2020, 9, .	6.0	22
8	Population dynamics of an Escherichia coli ST131 lineage during recurrent urinary tract infection. Nature Communications, 2019, 10, 3643.	12.8	76
9	Commensal Strains of Neisseria Use DNA to Poison Their Pathogenic Rivals. Cell Host and Microbe, 2019, 26, 156-158.	11.0	0
10	Jekyll and Hyde: Bugs with Double Personalities that Muddle the Distinction between Commensal and Pathogen. Journal of Molecular Biology, 2019, 431, 2911-2913.	4.2	3
11	Context-Dependent Requirements for FimH and Other Canonical Virulence Factors in Gut Colonization by Extraintestinal Pathogenic Escherichia coli. Infection and Immunity, 2018, 86, .	2.2	25
12	Dual colorimetric and fluorogenic probes for visualizing tyrosine phosphatase activity. Chemical Communications, 2017, 53, 2233-2236.	4.1	18
13	Escherichia coli O78 isolated from septicemic lambs shows high pathogenicity in a zebrafish model. Veterinary Research, 2017, 48, 3.	3.0	12
14	Repeated treatments with chitosan in combination with antibiotics completely eradicate uropathogenic <i>Escherichia coli</i> from infected mouse urinary bladders. Journal of Infectious Diseases, 2017, 216, jix023.	4.0	20
15	The Rhomboid Protease GlpG Promotes the Persistence of Extraintestinal Pathogenic Escherichia coli within the Gut. Infection and Immunity, 2017, 85, .	2.2	19
16	High-throughput identification and rational design of synergistic small-molecule pairs for combating and bypassing antibiotic resistance. PLoS Biology, 2017, 15, e2001644.	5.6	53
17	Urosepsis: Overview of the Diagnostic and Treatment Challenges. , 2016, , 135-157.		2
18	Integrated Pathophysiology of Pyelonephritis. , 2016, , 503-522.		0

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19	Asymptomatic Bacteriuria and Bacterial Interference. , 2016, , 87-120.		0
20	Pathoadaptive Mutations in Uropathogenic Escherichia coli. , 2016, , 331-357.		0
21	Innate Immune Responses to Bladder Infection. , 2016, , 555-564.		0
22	UropathogenicEscherichia coli-Associated Exotoxins. , 2016, , 263-276.		0
23	Proteus mirabilisand Urinary Tract Infections. , 2016, , 383-433.		13
24	Susceptibility to Urinary Tract Infection: Benefits and Hazards of the Antibacterial Host Response. , 2016, , 523-554.		0
25	Host Responses to Urinary Tract Infections and Emerging Therapeutics: Sensation and Pain within the Urinary Tract. , 2016, , 565-588.		1
26	Histone Deacetylase 6 Regulates Bladder Architecture and Host Susceptibility to Uropathogenic Escherichia coli. Pathogens, 2016, 5, 20.	2.8	6
27	Similarly Lethal Strains of Extraintestinal Pathogenic Escherichia coli Trigger Markedly Diverse Host Responses in a Zebrafish Model of Sepsis. MSphere, 2016, 1, .	2.9	22
28	Invasion of Host Cells and Tissues by Uropathogenic Bacteria. Microbiology Spectrum, 2016, 4, .	3.0	58
29	Strengths and Limitations of Model Systems for the Study of Urinary Tract Infections and Related Pathologies. Microbiology and Molecular Biology Reviews, 2016, 80, 351-367.	6.6	50
30	The Extraintestinal Pathogenic Escherichia coli Factor RqlI Constrains the Genotoxic Effects of the RecQ-Like Helicase RqlH. PLoS Pathogens, 2015, 11, e1005317.	4.7	20
31	Forced Resurgence and Targeting of Intracellular Uropathogenic Escherichia coli Reservoirs. PLoS ONE, 2014, 9, e93327.	2.5	58
32	Reply to Kaye and Sobel. Clinical Infectious Diseases, 2014, 58, 444-445.	5.8	4
33	Urinary Tract Infections: Current and Emerging Management Strategies. Clinical Infectious Diseases, 2013, 57, 719-724.	5.8	202
34	The RTX pore-forming toxin Î±-hemolysin of uropathogenic <i>Escherichia coli</i>: progress and perspectives. Future Microbiology, 2013, 8, 73-84.	2.0	75
35	A Phyletically Rare Gene Promotes the Niche-specific Fitness of an E. coli Pathogen during Bacteremia. PLoS Pathogens, 2013, 9, e1003175.	4.7	21
36	Combining Quantitative Genetic Footprinting and Trait Enrichment Analysis to Identify Fitness Determinants of a Bacterial Pathogen. PLoS Genetics, 2013, 9, e1003716.	3.5	39

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37	The Cpx Stress Response System Potentiates the Fitness and Virulence of Uropathogenic Escherichia coli. Infection and Immunity, 2013, 81, 1450-1459.	2.2	69
38	Adenylate Cyclase and the Cyclic AMP Receptor Protein Modulate Stress Resistance and Virulence Capacity of Uropathogenic Escherichia coli. Infection and Immunity, 2013, 81, 249-258.	2.2	48
39	Toxin-Antitoxin Systems Are Important for Niche-Specific Colonization and Stress Resistance of Uropathogenic Escherichia coli. PLoS Pathogens, 2012, 8, e1002954.	4.7	175
40	The Repeat-In-Toxin Family Member TosA Mediates Adherence of Uropathogenic Escherichia coli and Survival during Bacteremia. Infection and Immunity, 2012, 80, 493-505.	2.2	57
41	Bacteria differentially induce degradation of Bcl-xL, a survival protein, by human platelets. Blood, 2012, 120, 5014-5020.	1.4	53
42	The UPEC Pore-Forming Toxin Î±-Hemolysin Triggers Proteolysis of Host Proteins to Disrupt Cell Adhesion, Inflammatory, and Survival Pathways. Cell Host and Microbe, 2012, 11, 58-69.	11.0	148
43	Uropathogenic Escherichia coli Induces Serum Amyloid A in Mice following Urinary Tract and Systemic Inoculation. PLoS ONE, 2012, 7, e32933.	2.5	16
44	Persistence of Uropathogenic <i>Escherichia coli</i> in the Face of Multiple Antibiotics. Antimicrobial Agents and Chemotherapy, 2010, 54, 1855-1863.	3.2	294
45	Roles of Putative Type II Secretion and Type IV Pilus Systems in the Virulence of Uropathogenic Escherichia coli. PLoS ONE, 2009, 4, e4752.	2.5	51
46	Uropathogenic Escherichia coli Invades Host Cells via an HDAC6-modulated Microtubule-dependent Pathway. Journal of Biological Chemistry, 2009, 284, 446-454.	3.4	45
47	Conditioning of Uropathogenic <i>Escherichia coli</i> for Enhanced Colonization of Host. Infection and Immunity, 2009, 77, 2104-2112.	2.2	40
48	Use of Zebrafish to Probe the Divergent Virulence Potentials and Toxin Requirements of Extraintestinal Pathogenic Escherichia coli. PLoS Pathogens, 2009, 5, e1000697.	4.7	72
49	Bacterial landlines: contact-dependent signaling in bacterial populations. Current Opinion in Microbiology, 2009, 12, 177-181.	5.1	53
50	Clathrin, AP-2, and the NPXY-binding subset of alternate endocytic adaptors facilitate FimH-mediated bacterial invasion of host cells. Cellular Microbiology, 2008, 10, 2553-2567.	2.1	72
51	Origins and virulence mechanisms of uropathogenic Escherichia coli. Experimental and Molecular Pathology, 2008, 85, 11-19.	2.1	493
52	Impact of the RNA Chaperone Hfq on the Fitness and Virulence Potential of Uropathogenic <i>Escherichia coli</i>. Infection and Immunity, 2008, 76, 3019-3026.	2.2	142
53	Inactivation of Host Akt/Protein Kinase B Signaling by Bacterial Pore-forming Toxins. Molecular Biology of the Cell, 2008, 19, 1427-1438.	2.1	92
54	Integrin-Mediated Host Cell Invasion by Type 1â€“Piliated Uropathogenic Escherichia coli. PLoS Pathogens, 2007, 3, e100.	4.7	265

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55	Flushing bacteria out of the bladder. Nature Medicine, 2007, 13, 531-532.	30.7	12
56	Contact-dependent inhibition: bacterial brakes and secret handshakes. Trends in Microbiology, 2006, 14, 58-60.	7.7	11
57	Actin-gated intracellular growth and resurgence of uropathogenic Escherichia coli. Cellular Microbiology, 2006, 8, 704-717.	2.1	119
58	Polyamine-Mediated Resistance of Uropathogenic Escherichia coli to Nitrosative Stress. Journal of Bacteriology, 2006, 188, 928-933.	2.2	52
59	Covert Operations of Uropathogenic Escherichia coli within the Urinary Tract. Traffic, 2005, 6, 18-31.	2.7	144
60	CD14- and Toll-Like Receptor-Dependent Activation of Bladder Epithelial Cells by Lipopolysaccharide and Type 1 Piliated<i>Escherichia coli</i>. Infection and Immunity, 2003, 71, 1470-1480.	2.2	136
61	Molecular Regulation of Urothelial Renewal and Host Defenses during Infection with Uropathogenic Escherichia coli. Journal of Biological Chemistry, 2002, 277, 7412-7419.	3.4	179
62	Adhesion and entry of uropathogenic Escherichia coli. Cellular Microbiology, 2002, 4, 257-271.	2.1	321
63	Dynamic interactions between host and pathogen during acute urinary tract infections. Urology, 2001, 57, 56-61.	1.0	78
64	Establishment of a Persistent Escherichia coli Reservoir during the Acute Phase of a Bladder Infection. Infection and Immunity, 2001, 69, 4572-4579.	2.2	706
65	Bacterial Invasion Augments Epithelial Cytokine Responses to <i>Escherichia coli</i> Through a Lipopolysaccharide-Dependent Mechanism. Journal of Immunology, 2001, 166, 1148-1155.	0.8	226
66	Bad bugs and beleaguered bladders: Interplay between uropathogenic Escherichia coli and innate host defenses. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 8829-8835.	7.1	432
67	Bacterial pili: molecular mechanisms of pathogenesis. Current Opinion in Microbiology, 2000, 3, 65-72.	5.1	189
68	Assembly of the Sindbis Virus Spike Protein Complex. Virology, 1996, 219, 125-132.	2.4	52
69	Gram-Positive Uropathogens, Polymicrobial Urinary Tract Infection, and the Emerging Microbiota of the Urinary Tract. , 0, , 459-502.		9
70	Anatomy and Physiology of the Urinary Tract: Relation to Host Defense and Microbial Infection. , 0, , 1-25.		3
71	Origin and Dissemination of Antimicrobial Resistance among Uropathogenic<i>Escherichia coli</i>. , 0, , 179-205.		1
72	Virulence and Fitness Determinants of Uropathogenic <i>Escherichia coli</i>. , 0, , 235-261.		8

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73	Invasion of Host Cells and Tissues by Uropathogenic Bacteria. , 0, , 359-381.		1
74	Epidemiology and Virulence of <i>Klebsiella pneumoniae</i>. , 0, , 435-457.		7
75	Population Phylogenomics of Extraintestinal Pathogenic<i>Escherichia coli</i>. , 0, , 207-233.		1
76	The Vaginal Microbiota and Urinary Tract Infection. , 0, , 79-86.		5
77	Urinary Tract Infections in Infants and Children. , 0, , 69-77.		1
78	Clinical Presentations and Epidemiology of Urinary Tract Infections. , 0, , 27-40.		8
79	Reservoirs of Extraintestinal Pathogenic<i>Escherichia coli</i>. , 0, , 159-177.		3
80	Structure, Function, and Assembly of Adhesive Organelles by Uropathogenic Bacteria. , 0, , 277-329.		1
81	Drug and Vaccine Development for the Treatment and Prevention of Urinary Tract Infections. , 0, , 589-646.		6
82	Diagnosis, Treatment, and Prevention of Urinary Tract Infection. , 0, , 41-68.		2