

Glen C Ulett

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7007656/glen-c-ulett-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

108
papers

4,219
citations

38
h-index

61
g-index

117
ext. papers

5,009
ext. citations

5.3
avg, IF

5.23
L-index

#	Paper	IF	Citations
108	Respiratory viruses augment the adhesion of bacterial pathogens to respiratory epithelium in a viral species- and cell type-dependent manner. <i>Journal of Virology</i> , 2006 , 80, 1629-36	6.6	247
107	Pathogens penetrating the central nervous system: infection pathways and the cellular and molecular mechanisms of invasion. <i>Clinical Microbiology Reviews</i> , 2014 , 27, 691-726	34	209
106	Functional analysis of antigen 43 in uropathogenic <i>Escherichia coli</i> reveals a role in long-term persistence in the urinary tract. <i>Infection and Immunity</i> , 2007 , 75, 3233-44	3.7	154
105	Cytokine gene expression in innately susceptible BALB/c mice and relatively resistant C57BL/6 mice during infection with virulent <i>Burkholderia pseudomallei</i> . <i>Infection and Immunity</i> , 2000 , 68, 2034-42	3.7	144
104	Uropathogenic <i>Escherichia coli</i> virulence and innate immune responses during urinary tract infection. <i>Current Opinion in Microbiology</i> , 2013 , 16, 100-7	7.9	136
103	UpaG, a new member of the trimeric autotransporter family of adhesins in uropathogenic <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2008 , 190, 4147-61	3.5	119
102	The asymptomatic bacteriuria <i>Escherichia coli</i> strain 83972 outcompetes uropathogenic <i>E. coli</i> strains in human urine. <i>Infection and Immunity</i> , 2006 , 74, 615-24	3.7	116
101	BALB/c and C57BL/6 mice infected with virulent <i>Burkholderia pseudomallei</i> provide contrasting animal models for the acute and chronic forms of human melioidosis. <i>Microbial Pathogenesis</i> , 1998 , 24, 269-75	3.8	107
100	Molecular characterization of the <i>Escherichia coli</i> asymptomatic bacteriuria strain 83972: the taming of a pathogen. <i>Infection and Immunity</i> , 2006 , 74, 781-5	3.7	102
99	Autotransporter proteins: novel targets at the bacterial cell surface. <i>FEMS Microbiology Letters</i> , 2007 , 274, 163-72	2.9	97
98	The role of F9 fimbriae of uropathogenic <i>Escherichia coli</i> in biofilm formation. <i>Microbiology (United Kingdom)</i> , 2007 , 153, 2321-2331	2.9	79
97	The bacteriome and mycobiome associated with oral squamous cell carcinoma: metagenomic analysis of samples from Yemeni and Sri Lankan cohorts. <i>Journal of Oral Microbiology</i> , 2017 , 9, 1325188	6.3	78
96	Virulence properties of asymptomatic bacteriuria <i>Escherichia coli</i> . <i>International Journal of Medical Microbiology</i> , 2009 , 299, 53-63	3.7	78
95	Identification of type 3 fimbriae in uropathogenic <i>Escherichia coli</i> reveals a role in biofilm formation. <i>Journal of Bacteriology</i> , 2008 , 190, 1054-63	3.5	78
94	Contribution of siderophore systems to growth and urinary tract colonization of asymptomatic bacteriuria <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 2012 , 80, 333-44	3.7	76
93	Nontypeable <i>Haemophilus influenzae</i> adheres to intercellular adhesion molecule 1 (ICAM-1) on respiratory epithelial cells and upregulates ICAM-1 expression. <i>Infection and Immunity</i> , 2006 , 74, 830-8	3.7	75
92	<i>Burkholderia pseudomallei</i> virulence: definition, stability and association with clonality. <i>Microbes and Infection</i> , 2001 , 3, 621-31	9.3	72

91	Innate transcriptional networks activated in bladder in response to uropathogenic Escherichia coli drive diverse biological pathways and rapid synthesis of IL-10 for defense against bacterial urinary tract infection. <i>Journal of Immunology</i> , 2012 , 188, 781-92	5.3	71
90	Inflammatory Bacteriome and Oral Squamous Cell Carcinoma. <i>Journal of Dental Research</i> , 2018 , 97, 725-832		70
89	UpaH is a newly identified autotransporter protein that contributes to biofilm formation and bladder colonization by uropathogenic Escherichia coli CFT073. <i>Infection and Immunity</i> , 2010 , 78, 1659-69	3.7	70
88	Antigen-43-mediated autoaggregation impairs motility in Escherichia coli. <i>Microbiology (United Kingdom)</i> , 2006 , 152, 2101-2110	2.9	67
87	Asymptomatic bacteriuria: prevalence rates of causal microorganisms, etiology of infection in different patient populations, and recent advances in molecular detection. <i>FEMS Microbiology Letters</i> , 2013 , 346, 1-10	2.9	66
86	Molecular characterization of UpaB and UpaC, two new autotransporter proteins of uropathogenic Escherichia coli CFT073. <i>Infection and Immunity</i> , 2012 , 80, 321-32	3.7	66
85	Diversity of group B streptococcus serotypes causing urinary tract infection in adults. <i>Journal of Clinical Microbiology</i> , 2009 , 47, 2055-60	9.7	65
84	Asymptomatic bacteriuria Escherichia coli strain 83972 carries mutations in the foc locus and is unable to express F1C fimbriae. <i>Microbiology (United Kingdom)</i> , 2006 , 152, 1799-1806	2.9	65
83	Role of capsule and O antigen in the virulence of uropathogenic Escherichia coli. <i>PLoS ONE</i> , 2014 , 9, e94386	3.86	63
82	Recent insights into microbial triggers of interleukin-10 production in the host and the impact on infectious disease pathogenesis. <i>FEMS Immunology and Medical Microbiology</i> , 2012 , 64, 295-313		62
81	Strain- and host species-specific inflammasome activation, IL-1 β release, and cell death in macrophages infected with uropathogenic Escherichia coli. <i>Mucosal Immunology</i> , 2016 , 9, 124-36	9.2	57
80	The co-transcriptome of uropathogenic Escherichia coli-infected mouse macrophages reveals new insights into host-pathogen interactions. <i>Cellular Microbiology</i> , 2015 , 17, 730-46	3.9	55
79	Intramacrophage survival of uropathogenic Escherichia coli: differences between diverse clinical isolates and between mouse and human macrophages. <i>Immunobiology</i> , 2011 , 216, 1164-71	3.4	49
78	Burkholderia pseudomallei penetrates the brain via destruction of the olfactory and trigeminal nerves: implications for the pathogenesis of neurological melioidosis. <i>MBio</i> , 2014 , 5, e00025	7.8	46
77	Epithelial cell coculture models for studying infectious diseases: benefits and limitations. <i>Journal of Biomedicine and Biotechnology</i> , 2011 , 2011, 852419		45
76	Genome-wide mapping of cystitis due to Streptococcus agalactiae and Escherichia coli in mice identifies a unique bladder transcriptome that signifies pathogen-specific antimicrobial defense against urinary tract infection. <i>Infection and Immunity</i> , 2012 , 80, 3145-60	3.7	43
75	Beta-hemolysin-independent induction of apoptosis of macrophages infected with serotype III group B streptococcus. <i>Journal of Infectious Diseases</i> , 2003 , 188, 1049-53	7	42
74	Induction of multiple chemokine and colony-stimulating factor genes in experimental Burkholderia pseudomallei infection. <i>Immunology and Cell Biology</i> , 2001 , 79, 490-501	5	41

73	Infection and cellular defense dynamics in a novel 17 β -estradiol murine model of chronic human group B streptococcus genital tract colonization reveal a role for hemolysin in persistence and neutrophil accumulation. <i>Journal of Immunology</i> , 2014 , 192, 1718-31	5.3	40
72	Nitric oxide is a key determinant of group B streptococcus-induced murine macrophage apoptosis. <i>Journal of Infectious Diseases</i> , 2005 , 191, 1761-70	7	40
71	Infection-induced IL-10 and JAK-STAT: A review of the molecular circuitry controlling immune hyperactivity in response to pathogenic microbes. <i>Jak-stat</i> , 2012 , 1, 159-67		39
70	Group B Streptococcus (GBS) urinary tract infection involves binding of GBS to bladder uroepithelium and potent but GBS-specific induction of interleukin 1alpha. <i>Journal of Infectious Diseases</i> , 2010 , 201, 866-70	7	38
69	Pathogenesis of Streptococcus urinary tract infection depends on bacterial strain and Hemolysin/cytolysin that mediates cytotoxicity, cytokine synthesis, inflammation and virulence. <i>Scientific Reports</i> , 2016 , 6, 29000	4.9	37
68	Regulation of Apoptosis by Gram-Positive Bacteria: Mechanistic Diversity and Consequences for Immunity. <i>Current Immunology Reviews</i> , 2006 , 2, 119-141	1.3	37
67	Urinary tract infection of mice to model human disease: Practicalities, implications and limitations. <i>Critical Reviews in Microbiology</i> , 2016 , 42, 780-99	7.8	35
66	The cytochrome bd-I respiratory oxidase augments survival of multidrug-resistant Escherichia coli during infection. <i>Scientific Reports</i> , 2016 , 6, 35285	4.9	34
65	A dysbiotic mycobiome dominated by is identified within oral squamous-cell carcinomas. <i>Journal of Oral Microbiology</i> , 2017 , 9, 1385369	6.3	32
64	F9 fimbriae of uropathogenic Escherichia coli are expressed at low temperature and recognise Gal β -3GlcNAc-containing glycans. <i>PLoS ONE</i> , 2014 , 9, e93177	3.7	30
63	Clinical Escherichia coli isolates utilize alpha-hemolysin to inhibit in vitro epithelial cytokine production. <i>Microbes and Infection</i> , 2012 , 14, 628-38	9.3	30
62	The Basics of Bacteriuria: Strategies of Microbes for Persistence in Urine. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016 , 6, 14	5.9	30
61	Genome-Wide Discovery of Genes Required for Capsule Production by Uropathogenic. <i>MBio</i> , 2017 , 8,	7.8	29
60	UafB is a serine-rich repeat adhesin of Staphylococcus saprophyticus that mediates binding to fibronectin, fibrinogen and human uroepithelial cells. <i>Microbiology (United Kingdom)</i> , 2011 , 157, 1161-1173	7.9	29
59	Mechanisms of group B streptococcal-induced apoptosis of murine macrophages. <i>Journal of Immunology</i> , 2005 , 175, 2555-62	5.3	29
58	Macrophage-lymphocyte interactions mediate anti-Burkholderia pseudomallei activity. <i>FEMS Immunology and Medical Microbiology</i> , 1998 , 21, 283-6		28
57	Burkholderia pseudomallei Rapidly Infects the Brain Stem and Spinal Cord via the Trigeminal Nerve after Intranasal Inoculation. <i>Infection and Immunity</i> , 2016 , 84, 2681-8	3.7	28
56	Prognostic value of semi-quantitative bacteriuria counts in the diagnosis of group B streptococcus urinary tract infection: a 4-year retrospective study in adult patients. <i>BMC Infectious Diseases</i> , 2012 , 12, 273	4	26

55	A Novel Protective Vaccine Antigen from the Core Genome. <i>MSphere</i> , 2016 , 1,	5	26
54	A model of immunity to Burkholderia pseudomallei: unique responses following immunization and acute lethal infection. <i>Microbes and Infection</i> , 2005 , 7, 1263-75	9.3	25
53	Uropathogenic Escherichia coli Engages CD14-Dependent Signaling to Enable Bladder-Macrophage-Dependent Control of Acute Urinary Tract Infection. <i>Journal of Infectious Diseases</i> , 2016 , 213, 659-68	7	24
52	The role of H4 flagella in Escherichia coli ST131 virulence. <i>Scientific Reports</i> , 2015 , 5, 16149	4.9	24
51	Trade-off between iron uptake and protection against oxidative stress: deletion of cueO promotes uropathogenic Escherichia coli virulence in a mouse model of urinary tract infection. <i>Journal of Bacteriology</i> , 2008 , 190, 6909-12	3.5	24
50	Phylogenetic lineage and pilus protein Spb1/SAN1518 affect opsonin-independent phagocytosis and intracellular survival of Group B Streptococcus. <i>Microbes and Infection</i> , 2011 , 13, 369-382	9.3	23
49	G-CSF immunotherapy for treatment of acute disseminated murine melioidosis. <i>FEMS Microbiology Letters</i> , 2003 , 224, 315-8	2.9	23
48	Protein-based profiling of the immune response to uropathogenic Escherichia coli in adult patients immediately following hospital admission for acute cystitis. <i>Pathogens and Disease</i> , 2016 , 74,	4.2	23
47	Regulation of hemolysin in uropathogenic Escherichia coli fine-tunes killing of human macrophages. <i>Virulence</i> , 2018 , 9, 967-980	4.7	22
46	A comparison of antibiotic regimens in the treatment of acute melioidosis in a mouse model. <i>Journal of Antimicrobial Chemotherapy</i> , 2003 , 51, 77-81	5.1	22
45	Molecular Characterization of the Vacuolating Autotransporter Toxin in Uropathogenic Escherichia coli. <i>Journal of Bacteriology</i> , 2016 , 198, 1487-98	3.5	21
44	Molecular analysis of asymptomatic bacteriuria Escherichia coli strain VR50 reveals adaptation to the urinary tract by gene acquisition. <i>Infection and Immunity</i> , 2015 , 83, 1749-64	3.7	20
43	Escherichia coli 83972 expressing a P fimbriae oligosaccharide receptor mimic impairs adhesion of uropathogenic E. coli. <i>Journal of Infectious Diseases</i> , 2012 , 206, 1242-9	7	20
42	Bacterial pathogenesis and interleukin-17: interconnecting mechanisms of immune regulation, host genetics, and microbial virulence that influence severity of infection. <i>Critical Reviews in Microbiology</i> , 2018 , 44, 465-486	7.8	17
41	Human bladder uroepithelial cells synergize with monocytes to promote IL-10 synthesis and other cytokine responses to uropathogenic Escherichia coli. <i>PLoS ONE</i> , 2013 , 8, e78013	3.7	17
40	Evaluation of the in vitro growth of urinary tract infection-causing gram-negative and gram-positive bacteria in a proposed synthetic human urine (SHU) medium. <i>Journal of Microbiological Methods</i> , 2016 , 127, 164-171	2.8	16
39	Interleukin-17A Contributes to the Control of Streptococcus pyogenes Colonization and Inflammation of the Female Genital Tract. <i>Scientific Reports</i> , 2016 , 6, 26836	4.9	16
38	Discovery and Characterization of Human-Urine Utilization by Asymptomatic-Bacteriuria-Causing Streptococcus agalactiae. <i>Infection and Immunity</i> , 2016 , 84, 307-19	3.7	15

37	Quorum sensing negatively regulates multinucleate cell formation during intracellular growth of <i>Burkholderia pseudomallei</i> in macrophage-like cells. <i>PLoS ONE</i> , 2013 , 8, e63394	3.7	15
36	Colonisation dynamics and virulence of two clonal groups of multidrug-resistant <i>Escherichia coli</i> isolated from dogs. <i>Microbes and Infection</i> , 2009 , 11, 100-7	9.3	14
35	Analogous cytokine responses to <i>Burkholderia pseudomallei</i> strains contrasting in virulence correlate with partial cross-protection in immunized mice. <i>Infection and Immunity</i> , 2002 , 70, 3953-8	3.7	14
34	Comprehensive analysis of type 1 fimbriae regulation in <i>fimB</i> -null strains from the multidrug resistant <i>Escherichia coli</i> ST131 clone. <i>Molecular Microbiology</i> , 2016 , 101, 1069-87	4.1	13
33	Effect of the <i>Streptococcus agalactiae</i> Virulence Regulator CovR on the Pathogenesis of Urinary Tract Infection. <i>Journal of Infectious Diseases</i> , 2017 , 215, 475-483	7	13
32	<i>Burkholderia pseudomallei</i> Capsule Exacerbates Respiratory Melioidosis but Does Not Afford Protection against Antimicrobial Signaling or Bacterial Killing in Human Olfactory Ensheathing Cells. <i>Infection and Immunity</i> , 2016 , 84, 1941-1956	3.7	12
31	Unique structural features of a bacterial autotransporter adhesin suggest mechanisms for interaction with host macromolecules. <i>Nature Communications</i> , 2019 , 10, 1967	17.4	11
30	Group B streptococcus cystitis presenting in a diabetic patient with a massive abdominopelvic abscess: a case report. <i>Journal of Medical Case Reports</i> , 2012 , 6, 237	1.2	11
29	Molecular and Structural Characterization of a Novel <i>Escherichia coli</i> Interleukin Receptor Mimic Protein. <i>MBio</i> , 2016 , 7, e02046	7.8	11
28	Type 2 NADH Dehydrogenase Is the Only Point of Entry for Electrons into the <i>Streptococcus agalactiae</i> Respiratory Chain and Is a Potential Drug Target. <i>MBio</i> , 2018 , 9,	7.8	11
27	Rapid Bladder Interleukin-10 Synthesis in Response to Uropathogenic <i>Escherichia coli</i> Is Part of a Defense Strategy Triggered by the Major Bacterial Flagellar Filament FliC and Contingent on TLR5. <i>MSphere</i> , 2019 , 4,	5	10
26	Variation in hemolysin A expression between uropathogenic isolates determines NLRP3-dependent-independent macrophage cell death and host colonization. <i>FASEB Journal</i> , 2019 , 33, 7437-7450	0.9	9
25	Binding of CFA/I Pili of Enterotoxigenic <i>Escherichia coli</i> to Asialo-GM1 Is Mediated by the Minor Pilin CfaE. <i>Infection and Immunity</i> , 2016 , 84, 1642-1649	3.7	8
24	Crystal Structures of Group B <i>Streptococcus</i> Glyceraldehyde-3-Phosphate Dehydrogenase: Apo-Form, Binary and Ternary Complexes. <i>PLoS ONE</i> , 2016 , 11, e0165917	3.7	8
23	Stable Expression of Modified Green Fluorescent Protein in Group B <i>Streptococci</i> To Enable Visualization in Experimental Systems. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	7
22	Restriction of chronic <i>Escherichia coli</i> urinary tract infection depends upon T cell-derived interleukin-17, a deficiency of which predisposes to flagella-driven bacterial persistence. <i>FASEB Journal</i> , 2020 , 34, 14572-14587	0.9	7
21	Complex Multilevel Control of Hemolysin Production by Uropathogenic <i>Escherichia coli</i> . <i>MBio</i> , 2019 , 10,	7.8	6
20	Structure of <i>Streptococcus agalactiae</i> glyceraldehyde-3-phosphate dehydrogenase holoenzyme reveals a novel surface. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014 , 70, 1333-9	1.1	6

19	Complete Genome Sequence of Serotype III Sequence Type 17 Strain 874391. <i>Genome Announcements</i> , 2017 , 5,		6
18	Increased Age, but Not Parity Predisposes to Higher Bacteriuria Burdens Due to Streptococcus Urinary Tract Infection and Influences Bladder Cytokine Responses, Which Develop Independent of Tissue Bacterial Loads. <i>PLoS ONE</i> , 2016 , 11, e0167732	3.7	6
17	Innate immune response to bacterial urinary tract infection sensitises high-threshold bladder afferents and recruits silent nociceptors. <i>Pain</i> , 2020 , 161, 202-210	8	6
16	Evaluation of hematogenous spread and ascending infection in the pathogenesis of acute pyelonephritis due to group B streptococcus in mice. <i>Microbial Pathogenesis</i> , 2020 , 138, 103796	3.8	6
15	Physical Extraction and Fast Protein Liquid Chromatography for Purifying Flagella Filament From Uropathogenic for Immune Assay. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 118	5.9	4
14	Characterisation of the efficacy of endodontic medications using a three-dimensional fluorescent tooth model: An ex vivo study. <i>Australian Endodontic Journal</i> , 2015 , 41, 88-96	1.7	4
13	Epitope-specific immune recognition of the nontypeable Haemophilus influenzae outer membrane protein 26. <i>Human Vaccines and Immunotherapeutics</i> , 2013 , 9, 625-35	4.4	4
12	Cellular Management of Zinc in Group B Streptococcus Supports Bacterial Resistance against Metal Intoxication and Promotes Disseminated Infection. <i>MSphere</i> , 2021 , 6,	5	4
11	Quantification of bacteriuria caused by Hemolysin-positive Escherichia coli in human and mouse urine using quantitative polymerase chain reaction (qPCR) targeting hlyD. <i>Journal of Microbiological Methods</i> , 2018 , 152, 173-178	2.8	3
10	Bacterial pathogenesis: Remodelling recurrent infection. <i>Nature Microbiology</i> , 2016 , 2, 16256	26.6	2
9	Differential Afa/Dr Fimbriae Expression in the Multidrug-Resistant Escherichia coli ST131 Clone.. <i>MBio</i> , 2022 , e0351921	7.8	2
8	Chlamydia trachomatis glyceraldehyde 3-phosphate dehydrogenase: Enzyme kinetics, high-resolution crystal structure, and plasminogen binding. <i>Protein Science</i> , 2020 , 29, 2446-2458	6.3	2
7	Copper Intoxication in Group B Streptococcus Triggers Transcriptional Activation of the Operon That Contributes to Enhanced Virulence during Acute Infection. <i>Journal of Bacteriology</i> , 2021 , 203, e0031521	3.5	2
6	Blocking the SMIDAS touch of Enterococcus faecalis. <i>Annals of Translational Medicine</i> , 2015 , 3, S3	3.2	1
5	Conserved bacterial de novo guanine biosynthesis pathway enables microbial survival and colonization in the environmental niche of the urinary tract. <i>ISME Journal</i> , 2021 , 15, 2158-2162	11.9	1
4	Infects Glial Cells and Invades the Central Nervous System the Olfactory and Trigeminal Nerves.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022 , 12, 793416	5.9	1
3	NAD ⁺ pool depletion as a signal for the Rex regulon involved in Streptococcus agalactiae virulence. <i>PLoS Pathogens</i> , 2021 , 17, e1009791	7.6	0
2	The Copper Resistome of Group B Streptococcus Reveals Insight into the Genetic Basis of Cellular Survival during Metal Ion Stress.. <i>Journal of Bacteriology</i> , 2022 , e0006822	3.5	0

- 1 Hemolytic activity and biofilm-formation among clinical isolates of group B streptococcus causing acute urinary tract infection and asymptomatic bacteriuria. *International Journal of Medical Microbiology*, **2021**, 311, 151520

3·7