

Urinary tract infections: epidemiology, mechanisms of

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The role of H4 flagella in Escherichia coli ST131 virulence. Scientific Reports, 2015, 5, 16149.	1.6	34
2	Siderophore production: A unique quality of pathogenic Klebsiella pneumonia to survive in low iron concentration. Asian Journal of Medical and Biological Research, 2015, 1, 130-138.	0.1	1
3	Pushing the Limits of MALDI-TOF Mass Spectrometry: Beyond Fungal Species Identification. Journal of Fungi (Basel, Switzerland), 2015, 1, 367-383.	1.5	15
4	Molecular Characterization of the Multidrug Resistant Escherichia coli ST131 Clone. Pathogens, 2015, 4, 422-430.	1.2	39
5	Quantitative and Systems-Based Approaches for Deciphering Bacterial Membrane Interactome and Gene Function. Advances in Experimental Medicine and Biology, 2015, 883, 135-154.	0.8	0
6	Prevalence of virulence factors and phylogenetic characterization of uropathogenic Escherichia colicausing urinary tract infection in patients with and without diabetes mellitus. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2015, 109, trv086.	0.7	8
8	Discovery Science. Lecture Notes in Computer Science, 2015, , .	1.0	1
9	Switching Rho GTPase activation into effective antibacterial defenses requires the caspase-1/IL-1beta signaling axis. Small GTPases, 2015, 6, 186-188.	0.7	5
11	The emerging threat of multidrug-resistant Gram-negative bacteria in urology. Nature Reviews Urology, 2015, 12, 570-584.	1.9	283
12	The Prevalence of Urinary Tract Infections in Institutionalized vs. Noninstitutionalized Elderly Persons. Urogenital Tract Infection, 2016, 11, 56.	0.1	2
13	A Summary of Acupuncture and Moxibustion Therapy for the Urinary Tract Infection after Stroke. Journal of Infectious Diseases and Diagnosis, 2016, 01, .	0.1	0
14	Construction and Experimental Validation of a Quantitative Kinetic Model of Nitric Oxide Stress in Enterohemorrhagic Escherichia coli O157:H7. Bioengineering, 2016, 3, 9.	1.6	28
15	Identification of Genes Coding Aminoglycoside Modifying Enzymes in <i>E. coli</i> of UTI Patients in India. Scientific World Journal, The, 2016, 2016, 1-5.	0.8	10
16	Fighting Urinary Tract Infections with Antibiotic and Non-Antibiotic Therapies. Urologia, 2016, 83, 5-10.	0.3	3
17	Dimeric and Trimeric Fusion Proteins Generated with Fimbrial Adhesins of Uropathogenic Escherichia coli. Frontiers in Cellular and Infection Microbiology, 2016, 6, 135.	1.8	15
18	Multidrug- and Extensively Drug-Resistant Uropathogenic Escherichia coli Clinical Strains: Phylogenetic Groups Widely Associated with Integrons Maintain High Genetic Diversity. Frontiers in Microbiology, 2016, 7, 2042.	1.5	51
19	Subinhibitory Concentrations of Allicin Decrease Uropathogenic Escherichia coli (UPEC) Biofilm Formation, Adhesion Ability, and Swimming Motility. International Journal of Molecular Sciences, 2016, 17, 979.	1.8	25
20	Urinary Tract Infection Molecular Mechanisms and Clinical Translation. Pathogens, 2016, 5, 24.	1.2	17

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21	Adhesive Pili in UTI Pathogenesis and Drug Development. <i>Pathogens</i> , 2016, 5, 30.	1.2	66
22	Enterococcus Species in the Oral Cavity: Prevalence, Virulence Factors and Antimicrobial Susceptibility. <i>PLoS ONE</i> , 2016, 11, e0163001.	1.1	101
23	Antivirulence Isoquinolone Mannosides: Optimization of the Biaryl Aglycone for FimH Lectin Binding Affinity and Efficacy in the Treatment of Chronic UTI. <i>ChemMedChem</i> , 2016, 11, 367-373.	1.6	53
24	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, 1069-1087.	1.2	21
25	Transurethral instillation with fusion protein MrpH.FimH induces protective innate immune responses against uropathogenic <i>Escherichia coli</i> and <i>Proteus mirabilis</i> . <i>Apmis</i> , 2016, 124, 444-452.	0.9	12
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27	Molecular and Structural Characterization of a Novel <i>Escherichia coli</i> Interleukin Receptor Mimic Protein. <i>MBio</i> , 2016, 7, e02046.	1.8	17
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29	A high-throughput assay for the measurement of uropathogenic <i>Escherichia coli</i> attachment to urinary bladder cells. <i>International Journal of Experimental Pathology</i> , 2016, 97, 194-201.	0.6	3
30	Molecular identification of multi drug resistant bacteria from urinary tract infected urine samples. <i>Microbial Pathogenesis</i> , 2016, 98, 37-44.	1.3	28
31	Precision Targeting: Mast Cells Wipe Out Infected Bladder Epithelia. <i>Immunity</i> , 2016, 45, 1179-1181.	6.6	1
32	Modulation of Membrane Influx and Efflux in <i>Escherichia coli</i> Sequence Type 131 Has an Impact on Bacterial Motility, Biofilm Formation, and Virulence in a <i>Caenorhabditis elegans</i> Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2901-2911.	1.4	18
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58	Ceftazidime-avibactam Versus Doripenem for the Treatment of Complicated Urinary Tract Infections, Including Acute Pyelonephritis: RECAPTURE, a Phase 3 Randomized Trial Program. <i>Clinical Infectious Diseases</i> , 2016, 63, 754-762.	2.9	281
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60	Antimicrobial Susceptibility Test with Plasmonic Imaging and Tracking of Single Bacterial Motions on Nanometer Scale. <i>ACS Nano</i> , 2016, 10, 845-852.	7.3	123
61	Metagenomic Sequencing with Strain-Level Resolution Implicates Uropathogenic <i>E.Âcoli</i> in Necrotizing Enterocolitis and Mortality in Preterm Infants. <i>Cell Reports</i> , 2016, 14, 2912-2924.	2.9	143
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145	Bacteriology and Antibigram of Urinary Tract Infection Among Female Patients in a Tertiary Health Facility in South Eastern Nigeria. <i>Open Microbiology Journal</i> , 2017, 11, 292-300.	0.2	21
146	Biofilm Formation and Immunomodulatory Activity of Proteus mirabilis Clinically Isolated Strains. <i>International Journal of Molecular Sciences</i> , 2017, 18, 414.	1.8	43
147	Therapeutic Applications of Rose Hips from Different Rosa Species. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1137.	1.8	110
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1918	Uropathogenic <i>Escherichia coli</i> in Mexico, an Overview of Virulence and Resistance Determinants: Systematic Review and Meta-analysis. <i>Archives of Medical Research</i> , 2023, 54, 247-260.	1.5	3
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1920	Female reproductive tract-organ axes. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	4
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1922	Defining the Optimal Duration of Therapy for Hospitalized Patients With Complicated Urinary Tract Infections and Associated Bacteremia. <i>Clinical Infectious Diseases</i> , 2023, 76, 1604-1612.	2.9	12
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1926	Nanotechnology Involved in Treating Urinary Tract Infections: An Overview. <i>Nanomaterials</i> , 2023, 13, 555.	1.9	2
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1930	Instant detection of extended-spectrum β -lactamase-producing bacteria from the urine of patients using infrared spectroscopy combined with machine learning. <i>Analyst, The</i> , 2023, 148, 1130-1140.	1.7	1
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1933	Application of Various Techniques to Gain Insights Into the Complex Urinary Tract Microbial Communities of Renal Transplant Recipients. <i>Transplantation Direct</i> , 2023, 9, e1418.	0.8	1
1934	Fibrinogen Deposition on Silicone Oil-Infused Silver-Releasing Urinary Catheters Compromises Antibiofilm and Anti-Encrustation Properties. <i>Langmuir</i> , 2023, 39, 1562-1572.	1.6	1
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1941	Facile transduction with P1 phage in <i>Escherichia coli</i> associated with urinary tract infections. <i>Journal of Microbiological Methods</i> , 2023, 208, 106722.	0.7	2
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1944	Community-Acquired Urinary Tract Infection Among Sexually Active Women: Risk Factors, Bacterial Profile and Their Antimicrobial Susceptibility Patterns, Arba Minch, Southern Ethiopia. <i>Infection and Drug Resistance</i> , 0, Volume 16, 2297-2310.	1.1	0
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1946	Distribution of virulence genes and biofilm characterization of human isolates of <i>Streptococcus agalactiae</i> : A pilot study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2023, 223, 113151.	2.5	0
1947	A Case of Recurrent Urinary Tract Infection Successfully Treated during Homeopathic Supportive Care in Oncology. <i>Homeopathy</i> , 0, , .	0.5	1
1949	A hybrid individual-based mathematical model to study bladder infections. <i>Frontiers in Applied Mathematics and Statistics</i> , 0, 9, .	0.7	1
1950	Antimicrobial Activity of Spices Popularly Used in Mexico against Urinary Tract Infections. <i>Antibiotics</i> , 2023, 12, 325.	1.5	5
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1952	The world of microbes and its medical significance. , 2023, , 3-22.		0
1954	Nitrite-negative results in urinary tract infection by Enterobacterales: does the nitrite dipstick test have low sensitivity?. <i>Journal of Medical Microbiology</i> , 2023, 72, .	0.7	2
1955	Antibacterial Potential of Gold Nanoparticles Synthesized From Leaf Extract of <i>Syzygium cumini</i> Against Multidrug-Resistant Urinary Tract Pathogens. <i>Cureus</i> , 2023, , .	0.2	1

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1957	Direct single-cell antimicrobial susceptibility testing of <i>Escherichia coli</i> in urine using a ready-to-use 3D microwell array chip. <i>Lab on A Chip</i> , 2023, 23, 2399-2410.	3.1	4
1958	<i>Camellia sinensis</i> : Insights on its molecular mechanisms of action towards nutraceutical, anticancer potential and other therapeutic applications. <i>Arabian Journal of Chemistry</i> , 2023, 16, 104680.	2.3	13
1959	Antimicrobial Resistance in Urinary Tract Infections: Is There an Issue and Does It Matter?. <i>EMJ Microbiology & Infectious Diseases</i> , 0, , 2-9.	0.0	0
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1961	Increased incidence of urinary tract infections caused by <i>Enterococcus</i> in COVID-19 patients of the Clinical Center of Vojvodina. <i>PONS - Medicinski Casopis</i> , 2022, 19, 4-8.	0.0	0
1962	Broad protective vaccination against systemic <i>Escherichia coli</i> with autotransporter antigens. <i>PLoS Pathogens</i> , 2023, 19, e1011082.	2.1	5
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1971	Infections of the urogenital tract. , 2023, , 327-392.		0
1972	Using source-associated mobile genetic elements to identify zoonotic extraintestinal <i>E. coli</i> infections. <i>One Health</i> , 2023, 16, 100518.	1.5	7
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1974	Antimicrobial susceptibility of bacterial uropathogens in a South African regional hospital. <i>African Journal of Laboratory Medicine</i> , 2023, 12, .	0.2	1
1975	Investigating Catheter-Related Infections in Southern Benin Hospitals: Identification, Susceptibility, and Resistance Genes of Involved Bacterial Strains. <i>Microorganisms</i> , 2023, 11, 617.	1.6	1
1976	Susceptibility Profile of Nitrofurantoin and Fosfomycin among Carbapenem-resistant Enterobacteriaceae Isolates in UTI from a Tertiary Care Hospital. <i>Journal of Pure and Applied Microbiology</i> , 2023, 17, 345-353.	0.3	0
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1979	The catheterized bladder environment promotes Efg1- and Als1-dependent <i>Candida albicans</i> infection. <i>Science Advances</i> , 2023, 9, .	4.7	5
1980	Extended-spectrum beta-lactamase-producing Enterobacteriaceae related urinary tract infection in adult cancer patients: a multicenter retrospective study, 2015–2019. <i>BMC Infectious Diseases</i> , 2023, 23, .	1.3	0
1981	GeniÅylemiÅy Spektrumlu Beta-Laktamaz Åcereten Enterobacteriaceae ÅzolatlarÅ±na KarÅyÅ± Seftazidim- AvibaktamÅ±n In Vitro EtkinliÅyinin AraÅytÅ±rÅ±lmasÅ±. <i>Journal of Immunology and Clinical Microbiology</i> , 2023, 8, 17-23.	0.7	1
1982	Antimicrobial Activity of Gepotidacin Tested against Escherichia coli and Staphylococcus saprophyticus Isolates Causing Urinary Tract Infections in Medical Centers Worldwide (2019 to 2020). <i>Antimicrobial Agents and Chemotherapy</i> , 2023, 67, .	1.4	1
1983	Effective Treatments of UTI–Is Intravesical Therapy the Future?. <i>Pathogens</i> , 2023, 12, 417.	1.2	1
1984	Urinary Tract Infections in a Tunisian Orthopedic Institute: Major Strain Microbiological Profile. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2023, 14, 91-105.	0.3	0
1985	In vitro Antibacterial Activities of Selected Medicinal Plants Used by Traditional Healers for Treating Urinary Tract Infection in Haramaya District, Eastern Ethiopia. <i>Infection and Drug Resistance</i> , 0, Volume 16, 1327-1338.	1.1	1
1986	Inhibitory effect of 405Ånm laser light on bacterial biofilm in urethral stent. <i>Scientific Reports</i> , 2023, 13, .	1.6	0
1987	Pathophysiology of urinary tract infections. <i>Surgery</i> , 2023, , .	0.1	0
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1989	Artificial Intelligence: A Next-Level Approach in Confronting the COVID-19 Pandemic. <i>Healthcare (Switzerland)</i> , 2023, 11, 854.	1.0	1
1990	Enhancement of the Efficacy of Photodynamic Therapy against Uropathogenic Gram-Negative Bacteria Species. <i>Photonics</i> , 2023, 10, 310.	0.9	5
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1993	Urinary Glycosaminoglycans Are Associated with Recurrent UTI and Urobiome Ecology in Postmenopausal Women. <i>ACS Infectious Diseases</i> , 2023, 9, 1022-1032.	1.8	2
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1995	Cultureless enumeration of live bacteria in urinary tract infection by single-cell Raman spectroscopy. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	1
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1998	The role of intestinal translocation of <i>E.coli</i> in the development of acute obstructive pyelonephritis in an experiment. <i>Journal of Clinical Medicine of Kazakhstan</i> , 2023, 20, 9-14.	0.1	1
1999	Fluorothiazinon inhibits the virulence factors of uropathogenic <i>Escherichia coli</i> involved in the development of urinary tract infection. <i>Journal of Antibiotics</i> , 2023, 76, 279-290.	1.0	3
2000	An immunoresponsive three-dimensional urine-tolerant human urothelial model to study urinary tract infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 13, .	1.8	4
2001	Trimethylamine N-Oxide (TMAO) Mediates Increased Inflammation and Colonization of Bladder Epithelial Cells during a Uropathogenic <i>E. coli</i> Infection In Vitro. <i>Pathogens</i> , 2023, 12, 523.	1.2	0
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2003	Characterization of host and <i>Escherichia coli</i> strains causing recurrent urinary tract infections based on molecular typing. <i>BMC Microbiology</i> , 2023, 23, .	1.3	0
2004	Presence and Relevance of Emerging Microorganisms in Clinical Genitourinary Samples. <i>Microorganisms</i> , 2023, 11, 915.	1.6	1
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2008	Genomic Islands in Uropathogenic <i>Escherichia coli</i> . , 2023, , 171-195.		0
2009	Pharmacokinetic/Pharmacodynamic Analysis of Oral Calcium Fosfomycin: Are Urine Levels Sufficient to Ensure Efficacy for Urinary Tract Infections?. <i>Pharmaceutics</i> , 2023, 15, 1185.	2.0	0
2010	A review on traditional natural compounds and conventional methods for the treatment of UTI. <i>Urine</i> , 2023, , .	4.0	1
2011	Emerging Non-Antibiotic Options Targeting Uropathogenic Mechanisms for Recurrent Uncomplicated Urinary Tract Infection. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7055.	1.8	7
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2016	Detection of microbial biofilms inside the lumen of ureteral stents: two case reports. <i>Journal of Medical Case Reports</i> , 2023, 17, .	0.4	3
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2018	Analysis of Cellular Damage Resulting from Exposure of Bacteria to Graphene Oxide and Hybrids Using Fourier Transform Infrared Spectroscopy. <i>Antibiotics</i> , 2023, 12, 776.	1.5	1
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2050	Urologic Complications in Patients with Diabetes. , 2023, , 979-991.		0
2103	<i>Escherichia coli</i> . , 2023, , .		1
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2123	Infektionen der Nieren und Harnleiter, Uro-Tuberkulose. <i>Springer Reference Medizin</i> , 2023, , 447-473.	0.0	0
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2252	Recurrent urinary tract infection genetic risk: a systematic review and gene network analysis. International Urogynecology Journal, 2024, 35, 259-271.	0.7	0
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2379	Zinc Oxide Nanoparticles in Biomedical Applications: Advances in Synthesis, Antimicrobial Properties, and Toxicity Considerations. Nanotechnology in the Life Sciences, 2024, , 119-149.	0.4	0