

CITATION REPORT

List of articles citing

Medical and economic impact of extraintestinal infections due to *Escherichia coli*: focus on an increasingly important endemic problem

DOI: 10.1016/s1286-4579(03)00049-2
Microbes and Infection, 2003, 5, 449-56.

Source: <https://exaly.com/paper-pdf/35178713/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. 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.

#	Paper	IF	Citations
598	Isolation and molecular characterization of nalidixic acid-resistant extraintestinal pathogenic <i>Escherichia coli</i> from retail chicken products. 2003 , 47, 2161-8		233
597	The Siderophore receptor <i>IroN</i> of extraintestinal pathogenic <i>Escherichia coli</i> is a potential vaccine candidate. <i>Infection and Immunity</i> , 2003 , 71, 7164-9	3.7	69
596	Extraintestinal pathogenic <i>Escherichia coli</i> as a cause of invasive nonurinary infections. 2003 , 41, 5798-802		86
595	Saving Office Practice. 2004 , 140, 844		11
594	How do physicians think about successful aging?. 2004 , 140, W37		3
593	High-Dose Vitamin C and Iron Overload. 2004 , 140, 846		2
592	High-Dose Vitamin C and Iron Overload. 2004 , 140, 846		3
591	Epinephrine-secreting pheochromocytoma presenting with cardiogenic shock and profound hypocalcemia. 2004 , 140, 849-51		28
590	Rapid up-regulation of endothelial nitric-oxide synthase in a mouse model of <i>Escherichia coli</i> lipopolysaccharide-induced bladder inflammation. 2004 , 310, 452-8		34
589	Virulence characteristics and phylogenetic background of multidrug-resistant and antimicrobial-susceptible clinical isolates of <i>Escherichia coli</i> from across the United States, 2000-2001. <i>Journal of Infectious Diseases</i> , 2004 , 190, 1739-44	7	74
588	A new candidate vaccine for <i>Escherichia coli</i> pyelonephritis. 2004 , 171, 1686-7		2
587	A view on antimicrobial resistance in developing countries and responsible risk factors. 2004 , 24, 105-10		212
586	Physical properties of <i>Escherichia coli</i> P pili measured by optical tweezers. 2004 , 87, 4271-83		81
585	Intracellular bacterial communities of uropathogenic <i>Escherichia coli</i> in urinary tract pathogenesis. 2004 , 12, 424-30		130
584	Saving Office Practice. 2004 , 140, 845		
583	Saving Office Practice. 2004 , 140, 845		4
582	Virulence factors predict <i>Escherichia coli</i> colonization patterns among human and animal household members. 2004 , 140, 848-9		35

581	The unfolding of the P pili quaternary structure by stretching is reversible, not plastic. 2005 , 6, 52-6		57
580	<i>E. coli</i> virulence factor hemolysin induces neutrophil apoptosis and necrosis/lysis in vitro and necrosis/lysis and lung injury in a rat pneumonia model. 2005 , 289, L207-16		56
579	Bacterial characteristics in relation to clinical source of <i>Escherichia coli</i> isolates from women with acute cystitis or pyelonephritis and uninfected women. 2005 , 43, 6064-72		89
578	Antimicrobial-resistant and extraintestinal pathogenic <i>Escherichia coli</i> in retail foods. <i>Journal of Infectious Diseases</i> , 2005 , 191, 1040-9	7	183
577	Cytotoxic necrotizing factor type 1 production by uropathogenic <i>Escherichia coli</i> modulates polymorphonuclear leukocyte function. <i>Infection and Immunity</i> , 2005 , 73, 5301-10	3-7	51
576	Spontaneous conversion to quinolone and fluoroquinolone resistance among wild-type <i>Escherichia coli</i> isolates in relation to phylogenetic background and virulence genotype. 2005 , 49, 4739-44		34
575	Antimicrobial Resistance and its Containment in Developing Countries. 2005 , 617-647		3
574	Phylogenetic and pathotypic comparison of concurrent urine and rectal <i>Escherichia coli</i> isolates from men with febrile urinary tract infection. 2005 , 43, 3895-900		43
573	Burden of community-onset <i>Escherichia coli</i> bacteremia in seniors. <i>Journal of Infectious Diseases</i> , 2005 , 191, 1523-9	7	47
572	Contamination of retail foods, particularly turkey, from community markets (Minnesota, 1999-2000) with antimicrobial-resistant and extraintestinal pathogenic <i>Escherichia coli</i> . 2005 , 2, 38-49		76
571	Comparison of <i>Escherichia coli</i> isolates implicated in human urinary tract infection and avian colibacillosis. 2005 , 151, 2097-2110		296
570	Origin of class 1 and 2 integrons and gene cassettes in a population-based sample of uropathogenic <i>Escherichia coli</i> . 2006 , 44, 1347-51		60
569	A sticky chain model of the elongation and unfolding of <i>Escherichia coli</i> P pili under stress. 2006 , 90, 1521-34		46
568	Dynamic force spectroscopy of <i>E. coli</i> P pili. 2006 , 91, 2717-25		54
567	[Expression of virulence factors by extraintestinal strains of <i>Escherichia coli</i>]. 2006 , 24, 479-80		0
566	Outcomes of a pharmacoepidemiological survey on the antibiotic treatment of uncomplicated acute cystitis in community. 2006 , 53, 193-6		3
565	Synthesis and properties of benzo[a]phenoxazinium chalcogen analogues as novel broad-spectrum antimicrobial photosensitizers. 2006 , 49, 5291-9		58
564	Uropathogenic bacteria. 400-422		

563	Force measuring optical tweezers system for long time measurements of P pili stability. 2006,		4
562	Technique for determination of the number of PapA units in an E. Coli P pilus. 2006,		0
561	Relationship between Escherichia coli strains causing urinary tract infection in women and the dominant faecal flora of the same hosts. 2006, 134, 1015-23		63
560	Virulence Gene Regulation in Escherichia coli. 2006, 2,		5
559	Mobile contingency locus controlling Escherichia coli K1 polysialic acid capsule acetylation. 2006, 60, 828-37		19
558	Phylogenetic relationships among clonal groups of extraintestinal pathogenic Escherichia coli as assessed by multi-locus sequence analysis. <i>Microbes and Infection,</i> 2006, 8, 1702-13	9.3	70
557	Extraintestinal isolates of Escherichia coli: identification and prospects for vaccine development. 2006, 5, 45-54		25
556	Pharmacokinetic-pharmacodynamic modelling of danofloxacin in turkeys. 2006, 30, 775-89		29
555	Reduction of Escherichia coli adherence to uroepithelial bladder cells after consumption of cranberry juice: a double-blind randomized placebo-controlled cross-over trial. 2006, 24, 21-7		102
554	Effect of inactivation of the global oxidative stress regulator oxyR on the colonization ability of Escherichia coli O1:K1:H7 in a mouse model of ascending urinary tract infection. <i>Infection and Immunity,</i> 2006, 74, 461-8	3.7	45
553	Phylogenetic background and carriage of pathogenicity island-like domains in relation to antibiotic resistance profiles among Escherichia coli urosepsis isolates. 2006, 58, 748-51		32
552	Similarity between human and chicken Escherichia coli isolates in relation to ciprofloxacin resistance status. <i>Journal of Infectious Diseases,</i> 2006, 194, 71-8	7	116
551	Sharing of virulent Escherichia coli clones among household members of a woman with acute cystitis. <i>Clinical Infectious Diseases,</i> 2006, 43, e101-8	11.6	82
550	A virulence and antimicrobial resistance DNA microarray detects a high frequency of virulence genes in Escherichia coli isolates from Great Lakes recreational waters. 2006, 72, 4200-6		96
549	Integration of pharmacokinetic and pharmacodynamic indices of marbofloxacin in turkeys. 2006, 50, 3779-85		44
548	Experimental mouse lethality of Escherichia coli isolates, in relation to accessory traits, phylogenetic group, and ecological source. <i>Journal of Infectious Diseases,</i> 2006, 194, 1141-50	7	127
547	Cytotoxic necrotizing factor type 1 delivered by outer membrane vesicles of uropathogenic Escherichia coli attenuates polymorphonuclear leukocyte antimicrobial activity and chemotaxis. <i>Infection and Immunity,</i> 2006, 74, 4401-8	3.7	65
546	Identification of candidates for a subunit vaccine against extraintestinal pathogenic Escherichia coli. <i>Infection and Immunity,</i> 2007, 75, 1916-25	3.7	46

545	Surfactant dysfunction and lung injury due to the E. coli virulence factor hemolysin in a rat pneumonia model. 2007 , 292, L632-43		16
544	Extraintestinal pathogenic Escherichia coli survives within neutrophils. <i>Infection and Immunity</i> , 2007 , 75, 2776-85	3-7	22
543	Identification of Escherichia coli from groups A, B1, B2 and D in drinking water in Brazil. 2007 , 5, 323-7		9
542	Modulation of host innate immune response in the bladder by uropathogenic Escherichia coli. <i>Infection and Immunity</i> , 2007 , 75, 5353-60	3-7	81
541	Antimicrobial resistance in Escherichia coli isolated in inflow, effluent and sludge from municipal wastewater treatment plants. 2007 , 4, 275-281		5
540	The genome sequence of avian pathogenic Escherichia coli strain O1:K1:H7 shares strong similarities with human extraintestinal pathogenic E. coli genomes. 2007 , 189, 3228-36		289
539	Autotransporter-encoding sequences are phylogenetically distributed among Escherichia coli clinical isolates and reference strains. 2007 , 73, 1553-62		104
538	A killed, genetically engineered derivative of a wild-type extraintestinal pathogenic E. coli strain is a vaccine candidate. 2007 , 25, 3859-70		22
537	Going for baroque at the Escherichia coli K1 cell surface. 2007 , 15, 196-202		18
536	Specificity of immunomodulator secretion in urinary samples in response to infection by alpha-hemolysin and CNF1 bearing uropathogenic Escherichia coli. 2007 , 37, 22-5		18
535	Characterization of four novel genomic regions of uropathogenic Escherichia coli highly associated with the extraintestinal virulent phenotype: a jigsaw puzzle of genetic modules. 2007 , 297, 83-95		5
534	Occurrence of virulence and antimicrobial resistance genes in Escherichia coli isolates from different aquatic ecosystems within the St. Clair River and Detroit River areas. 2007 , 73, 477-84		116
533	Extraintestinal pathogenic Escherichia coli. 2007 , 4, 134-63		176
532	Retail meat consumption and the acquisition of antimicrobial resistant Escherichia coli causing urinary tract infections: a case-control study. 2007 , 4, 419-31		108
531	Escherichia coli K1-specific bacteriophage CUS-3 distribution and function in phase-variable capsular polysialic acid O acetylation. 2007 , 189, 6447-56		26
530	The human/animal interface: emergence and resurgence of zoonotic infectious diseases. 2007 , 33, 243-99		163
529	Antimicrobial drug-resistant Escherichia coli from humans and poultry products, Minnesota and Wisconsin, 2002-2004. 2007 , 13, 838-46		150
528	Caenorhabditis elegans as a simple model to study phenotypic and genetic virulence determinants of extraintestinal pathogenic Escherichia coli. <i>Microbes and Infection</i> , 2007 , 9, 214-23	9-3	50

527	Flushing bacteria out of the bladder. 2007 , 13, 531-2		10
526	Characterization of antimicrobial resistant Escherichia coli isolated from processed bison carcasses. 2007 , 103, 2361-9		13
525	Host and bacterial determinants of initial severity and outcome of Escherichia coli sepsis. 2007 , 13, 854-62		68
524	Phylogenetic group distribution among Escherichia coli isolated from rivers in Sã Paulo State, Brazil. 2008 , 24, 1573-1577		9
523	Dynamic restacking of Escherichia coli P-pili. 2008 , 37, 111-20		38
522	Differential expression of iutA and ibeA in the early stages of infection by extra-intestinal pathogenic E. coli. <i>Microbes and Infection</i> , 2008 , 10, 432-8	9.3	20
521	Coenzyme A biosynthesis: an antimicrobial drug target. 2008 , 32, 56-106		186
520	Extraintestinal pathogenic isolates of Escherichia coli do not possess active IgA1, IgA2, sIgA or IgG proteases. 2008 , 53, 65-71		3
519	Mechanisms and consequences of bladder cell invasion by uropathogenic Escherichia coli. 2008 , 38 Suppl 2, 2-11		108
518	Naturally occurring bacteriophages lyse a large proportion of canine and feline uropathogenic Escherichia coli isolates in vitro. 2008 , 85, 1-7		12
517	Loop-mediated isothermal amplification assay for rapid detection of common strains of Escherichia coli. 2008 , 46, 2800-4		181
516	Escherichia coli Stress Response as a Tool for Detection of Toxicity. 199-210		
515	Inactivation of ibeA and ibeT results in decreased expression of type 1 fimbriae in extraintestinal pathogenic Escherichia coli strain BEN2908. <i>Infection and Immunity</i> , 2008 , 76, 4129-36	3.7	33
514	Virulence genotypes and phylogenetic background of Escherichia coli serogroup O6 isolates from humans, dogs, and cats. 2008 , 46, 417-22		57
513	Multiple-host sharing, long-term persistence, and virulence of Escherichia coli clones from human and animal household members. 2008 , 46, 4078-82		104
512	Escherichia coli colonization patterns among human household members and pets, with attention to acute urinary tract infection. <i>Journal of Infectious Diseases</i> , 2008 , 197, 218-24	7	110
511	Predictors of antimicrobial-resistant Escherichia coli in the feces of vegetarians and newly hospitalized adults in Minnesota and Wisconsin. <i>Journal of Infectious Diseases</i> , 2008 , 197, 430-4	7	21
510	Molecular epidemiology and phylogenetic distribution of the Escherichia coli pks genomic island. 2008 , 46, 3906-11		119

509	Endemic and epidemic lineages of <i>Escherichia coli</i> that cause urinary tract infections. 2008 , 14, 1575-83		89
508	Specific roles of the iroBCDEN genes in virulence of an avian pathogenic <i>Escherichia coli</i> O78 strain and in production of salmochelins. <i>Infection and Immunity</i> , 2008 , 76, 3539-49	3-7	78
507	. 2008 ,		2
506	[Host and bacterial determinants of <i>Escherichia coli</i> extra intestinal infections]. 2009 , 25, 221-3		
505	. 2009 ,		25
504	Cranberry juice for the prevention of recurrent urinary tract infections: a randomized controlled trial in children. 2009 , 43, 369-72		58
503	Toll-like receptor prestimulation increases phagocytosis of <i>Escherichia coli</i> DH5alpha and <i>Escherichia coli</i> K1 strains by murine microglial cells. <i>Infection and Immunity</i> , 2009 , 77, 557-64	3-7	58
502	Examination of the source and extended virulence genotypes of <i>Escherichia coli</i> contaminating retail poultry meat. 2009 , 6, 657-67		58
501	Prevalence of urovirulence genes <i>cnf</i> , <i>hlyD</i> , <i>sfa/foc</i> , and <i>papGIII</i> in fecal <i>Escherichia coli</i> from healthy dogs and their owners. 2009 , 70, 1401-6		8
500	Organised genome dynamics in the <i>Escherichia coli</i> species results in highly diverse adaptive paths. 2009 , 5, e1000344		802
499	Multipili attachment of bacteria with helixlike pili exposed to stress. 2009 , 130, 235102		16
498	Extraintestinal Pathogenic <i>Escherichia coli</i> . 2009 , 939-961		2
497	Phylogenetic background and virulence genotype of ciprofloxacin-susceptible and ciprofloxacin-resistant <i>Escherichia coli</i> strains of human and avian origin. <i>Journal of Infectious Diseases</i> , 2009 , 199, 1209-17	7	14
496	A metabolic operon in extraintestinal pathogenic <i>Escherichia coli</i> promotes fitness under stressful conditions and invasion of eukaryotic cells. 2009 , 191, 4427-40		38
495	Virulence genotypes and phylogenetic background of fluoroquinolone-resistant and susceptible <i>Escherichia coli</i> urine isolates from dogs with urinary tract infection. 2009 , 136, 108-14		33
494	Fibronectin stimulates <i>Escherichia coli</i> phagocytosis by microglial cells. 2010 , 58, 367-76		13
493	Characterization of the biomechanical properties of T4 pili expressed by <i>Streptococcus pneumoniae</i> --a comparison between helix-like and open coil-like pili. 2009 , 10, 1533-40		20
492	A profile of drug resistance genes and integrons in <i>E. coli</i> causing surgical wound infections in the Faisalabad region of Pakistan. 2009 , 62, 319-23		11

491	Pathotype and antibiotic resistance gene distributions of <i>Escherichia coli</i> isolates from broiler chickens raised on antimicrobial-supplemented diets. 2009 , 75, 6955-62	61
490	Capsular polysaccharide and the O-specific antigen impede antibody binding: a potential obstacle for the successful development of an extraintestinal pathogenic <i>Escherichia coli</i> vaccine. 2009 , 27, 388-95	11
489	A genomic island of an extraintestinal pathogenic <i>Escherichia coli</i> Strain enables the metabolism of fructooligosaccharides, which improves intestinal colonization. 2009 , 191, 388-93	32
488	Biofilms in Medicine. 154-169	
487	Osmotic Stress. 2009 , 3,	28
486	Late ventriculoperitoneal shunt infection caused by <i>Shewanella</i> algae. 2010 , 29, 475-7	8
485	Renal microabscesses due to <i>Bartonella</i> infection. 2010 , 29, 472-3	5
484	Development of Oseltamivir Resistance During Oseltamivir Therapy in a Child With Severe 2009 H1N1 Influenza: ERRATUM. 2010 , 29, 478	
483	Immune response and one-year antibody persistence after a fourth dose of a novel <i>Haemophilus influenzae</i> type b and <i>Neisseria meningitidis</i> serogroups C and Y-tetanus toxoid conjugate vaccine (HibMenCY) at 12 to 15 months of age. 2010 , 29, 469-71	22
482	Hepatitis B virus DNA in saliva from children with chronic hepatitis B infection: implications for saliva as a potential mode of horizontal transmission. 2010 , 29, 465-7	37
481	Within-household sharing of a fluoroquinolone-resistant <i>Escherichia coli</i> sequence type ST131 strain causing pediatric osteoarticular infection. 2010 , 29, 473-5	39
480	Sequence types and antimicrobial susceptibility of invasive <i>Streptococcus pneumoniae</i> isolates from a region with high antibiotic selective pressure and suboptimal vaccine coverage. 2010 , 29, 467-9	12
479	<i>Raoultella ornithinolytica</i> bacteremia in an infant with visceral heterotaxy. 2010 , 29, 477-8	46
478	Dominance of <i>E. coli</i> phagocytosis over LPS in the inflammatory response of microglia. 2010 , 227, 111-9	28
477	Direct adhesion force measurements between <i>E. coli</i> and human uroepithelial cells in cranberry juice cocktail. 2010 , 54, 1744-52	38
476	The population genetics of commensal <i>Escherichia coli</i> . 2010 , 8, 207-17	764
475	. 2010 ,	20
474	Phylogenetic relationships, virulence factors and Rep-PCR epidemiological analysis of <i>E. coli</i> from human sources. 2010 , 25,	1

473	Food reservoir for Escherichia coli causing urinary tract infections. 2010 , 16, 88-95		224
472	Escherichia coli Pyomyositis: an emerging infectious disease among patients with hematologic malignancies. <i>Clinical Infectious Diseases</i> , 2010 , 50, 374-80	11.6	61
471	Escherichia coli sequence type ST131 as the major cause of serious multidrug-resistant E. coli infections in the United States. <i>Clinical Infectious Diseases</i> , 2010 , 51, 286-94	11.6	393
470	A systematic review of outbreak and non-outbreak studies of extraintestinal pathogenic Escherichia coli causing community-acquired infections. 2010 , 138, 1679-90		30
469	Veterinary pharmaceuticals and antibiotic resistance of Escherichia coli isolates in poultry litter from commercial farms and controlled feeding trials. 2010 , 89, 180-8		99
468	First description of bla(CTX-M-14)- and bla(CTX-M-15)-producing Escherichia coli isolates in Brazil. 2010 , 16, 177-84		27
467	Population Genetics of Pathogenic Escherichia coli. 2010 , 269-286		7
466	Characterization of multidrug-resistant Escherichia coli isolated from extraintestinal clinical infections in animals. 2010 , 59, 592-598		24
465	Identification of protective and broadly conserved vaccine antigens from the genome of extraintestinal pathogenic Escherichia coli. 2010 , 107, 9072-7		197
464	Extraintestinal Escherichia coli carrying virulence genes in coastal marine sediments. 2010 , 76, 5659-68		53
463	Molecular and evolutionary bases of within-patient genotypic and phenotypic diversity in Escherichia coli extraintestinal infections. <i>PLoS Pathogens</i> , 2010 , 6, e1001125	7.6	55
462	A multiepitope subunit vaccine conveys protection against extraintestinal pathogenic Escherichia coli in mice. <i>Infection and Immunity</i> , 2010 , 78, 3432-42	3.7	63
461	Waging war against uropathogenic Escherichia coli: winning back the urinary tract. <i>Infection and Immunity</i> , 2010 , 78, 568-85	3.7	157
460	Fast detection of volatile organic compounds from bacterial cultures by secondary electrospray ionization-mass spectrometry. 2010 , 48, 4426-31		141
459	The viral TLR3 agonist poly(I:C) stimulates phagocytosis and intracellular killing of Escherichia coli by microglial cells. 2010 , 482, 17-20		25
458	A matched prospective cohort study on Staphylococcus aureus and Escherichia coli bloodstream infections: extended perspectives beyond resistance. 2010 , 38, 839-45		20
457	Single Molecule Spectroscopy in Chemistry, Physics and Biology. 2010 ,		22
456	Prevalence of serogroups, virulence genotypes, antimicrobial resistance, and phylogenetic background of avian pathogenic Escherichia coli in south of China. 2010 , 7, 1099-106		37

455	Characterization of multidrug-resistant <i>Escherichia coli</i> isolates from animals presenting at a university veterinary hospital. 2011 , 77, 7104-12		68
454	Randomized, placebo-controlled phase 2 trial of a <i>Lactobacillus crispatus</i> probiotic given intravaginally for prevention of recurrent urinary tract infection. <i>Clinical Infectious Diseases</i> , 2011 , 52, 1212-7	11.6	279
453	Understanding the cholera epidemic, Haiti. 2011 , 17, 1161-8		201
452	Antimicrobial resistances of extraintestinal pathogenic <i>Escherichia coli</i> isolates from swine in China. <i>Microbial Pathogenesis</i> , 2011 , 50, 207-12	3.8	26
451	Acute <i>Escherichia coli</i> prostatitis in previously health young men: bacterial virulence factors, antimicrobial resistance, and clinical outcomes. 2011 , 77, 1420-5		34
450	Genotypic and phenotypic trends in antibiotic resistant pathogenic <i>Escherichia coli</i> isolated from humans and farm animals in South Korea. 2011 , 26, 198-204		10
449	Characterisation of TNF block haplotypes affecting the production of TNF and LTA. 2011 , 77, 100-6		12
448	The N-terminal amphipathic region of the <i>Escherichia coli</i> type III secretion system protein EspD is required for membrane insertion and function. 2011 , 81, 734-50		9
447	<i>Escherichia coli</i> from animal reservoirs as a potential source of human extraintestinal pathogenic <i>E. coli</i> . 2011 , 62, 1-10		144
446	The extra-intestinal avian pathogenic <i>Escherichia coli</i> strain BEN2908 invades avian and human epithelial cells and survives intracellularly. 2011 , 147, 435-9		27
445	The evolution of metabolic networks of <i>E. coli</i> . 2011 , 5, 182		55
444	SPF32629A and SPF32629B: enantioselective synthesis, determination of absolute configuration, cytotoxicity and antibacterial evaluation. 2011 , 46, 1803-12		8
443	Clonal identity of <i>Escherichia coli</i> as a predictive factor for recurrent cystitis. 2011 , 2, 495-7		
442	Foodborne illness acquired in the United States. 2011 , 17, 1338; author reply 1339-40		8
441	Foodborne illness acquired in the United States. 2011 , 17, 1338-9; author reply 1339-40		15
440	Commensal <i>Escherichia coli</i> isolate resistant to eight classes of antimicrobial agents in the United States. 2011 , 8, 329-32		5
439	Antimicrobial resistance and distribution of <i>sul</i> genes and integron-associated <i>intI</i> genes among uropathogenic <i>Escherichia coli</i> in Queensland, Australia. 2011 , 60, 1633-1642		53
438	Effect of diet and gut dynamics on the establishment and persistence of <i>Escherichia coli</i> . 2011 , 157, 1375-1384 ₁₅		

437	The interaction between a non-pathogenic and a pathogenic strain synergistically enhances extra-intestinal virulence in <i>Escherichia coli</i> . 2011 , 157, 774-785		11
436	Identification and antimicrobial resistance of extraintestinal pathogenic <i>Escherichia coli</i> from retail meats. <i>Journal of Food Protection</i> , 2011 , 74, 38-44	2.5	29
435	Commonality among fluoroquinolone-resistant sequence type ST131 extraintestinal <i>Escherichia coli</i> isolates from humans and companion animals in Australia. 2011 , 55, 3782-7		99
434	Host factors and portal of entry outweigh bacterial determinants to predict the severity of <i>Escherichia coli</i> bacteremia. 2011 , 49, 777-83		95
433	<i>Escherichia coli</i> of human and avian origin: detection of clonal groups associated with fluoroquinolone and multidrug resistance in Italy. 2012 , 67, 860-7		72
432	A case of pyomyositis due to <i>Escherichia coli</i> in a 14-year-old with aplastic anemia. 2012 , 51, 288-90		2
431	Molecular characterization of <i>Escherichia coli</i> strains that cause symptomatic and asymptomatic urinary tract infections. 2012 , 50, 1027-30		22
430	Chicken as reservoir for extraintestinal pathogenic <i>Escherichia coli</i> in humans, Canada. 2012 , 18, 415-21		108
429	Multiplex PCR-based reverse line blot assay for simultaneous detection of 22 virulence genes in uropathogenic <i>Escherichia coli</i> . 2012 , 78, 1198-202		29
428	Molecular epidemiological analysis of <i>Escherichia coli</i> sequence type ST131 (O25:H4) and blaCTX-M-15 among extended-spectrum-β-lactamase-producing <i>E. coli</i> from the United States, 2000 to 2009. 2012 , 56, 2364-70		94
427	Major microbiological hazards associated with packaged fresh and processed meat and poultry. 2012 , 3-58		3
426	FdeC, a novel broadly conserved <i>Escherichia coli</i> adhesin eliciting protection against urinary tract infections. 2012 , 3,		74
425	Decreased expression of type 1 fimbriae by a pst mutant of uropathogenic <i>Escherichia coli</i> reduces urinary tract infection. <i>Infection and Immunity</i> , 2012 , 80, 2802-15	3.7	39
424	Food-borne origins of <i>Escherichia coli</i> causing extraintestinal infections. <i>Clinical Infectious Diseases</i> , 2012 , 55, 712-9	11.6	189
423	Multiresistant uropathogenic <i>Escherichia coli</i> from a region in India where urinary tract infections are endemic: genotypic and phenotypic characteristics of sequence type 131 isolates of the CTX-M-15 extended-spectrum-β-lactamase-producing lineage. 2012 , 56, 6358-65		66
422	Genetic and phylogenetic analysis of avian extraintestinal and intestinal <i>Escherichia coli</i> . 2012 , 59, 393-409		6
421	Antimicrobial resistance and pharmacodynamics of canine and feline pathogenic <i>E. coli</i> in the United States. 2012 , 48, 379-89		15
420	Bloodstream infection with extended-spectrum beta-lactamase-producing Enterobacteriaceae at a tertiary care hospital in New Zealand: risk factors and outcomes. 2012 , 16, e371-4		34

419	Virulence factors and phylogenetic grouping of <i>Escherichia coli</i> isolates from patients with bacteraemia of urinary tract origin relate to sex and hospital- vs. community-acquired origin. 2012 , 302, 129-34		32
418	<i>Escherichia coli</i> isolates from extraintestinal organs of livestock animals harbour diverse virulence genes and belong to multiple genetic lineages. 2012 , 160, 197-206		19
417	Cranberries and lower urinary tract infection prevention. 2012 , 67, 661-8		40
416	<i>Escherichia coli</i> physiology and metabolism dictates adaptation to diverse host microenvironments. 2012 , 15, 3-9		86
415	First multi-epitope subunit vaccine against extraintestinal pathogenic <i>Escherichia coli</i> delivered by a bacterial type-3 secretion system (T3SS). 2012 , 302, 10-8		22
414	Proteomic analysis of a multi-resistant clinical <i>Escherichia coli</i> isolate of unknown genomic background. 2012 , 75, 1830-7		12
413	The presence of genes encoding for different virulence factors in clonally related <i>Escherichia coli</i> that produce CTX-Ms. 2012 , 72, 297-302		37
412	Variation in endogenous oxidative stress in <i>Escherichia coli</i> natural isolates during growth in urine. 2012 , 12, 120		21
411	Roles of iron acquisition systems in virulence of extraintestinal pathogenic <i>Escherichia coli</i> : salmochelin and aerobactin contribute more to virulence than heme in a chicken infection model. 2012 , 12, 143		83
410	Clonal analysis and virulent traits of pathogenic extraintestinal <i>Escherichia coli</i> isolates from swine in China. 2012 , 8, 140		24
409	Bacteriophages with the ability to degrade uropathogenic <i>Escherichia coli</i> biofilms. 2012 , 4, 471-87		71
408	Estimating variation within the genes and inferring the phylogeny of 186 sequenced diverse <i>Escherichia coli</i> genomes. 2012 , 13, 577		137
407	Effect of fructooligosaccharide metabolism on chicken colonization by an extra-intestinal pathogenic <i>Escherichia coli</i> strain. <i>PLoS ONE</i> , 2012 , 7, e35475	3-7	9
406	Prc contributes to <i>Escherichia coli</i> evasion of classical complement-mediated serum killing. <i>Infection and Immunity</i> , 2012 , 80, 3399-409	3-7	25
405	Virulence et ristance : deux caractéristiques antagonistes chez <i>Escherichia coli</i> ?. 2012 , 21, 249-251		
404	DEVELOPMENT AND CLINICAL VALIDATION OF A MULTIPLEX POLYMERASE CHAIN REACTION-DENATURING HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY METHOD FOR THE IDENTIFICATION OF FOODBORNE DIARRHEAGENIC <i>ESCHERICHIA COLI</i> . 2012 , 32, 6-12		5
403	Molecular and physiological characterization of fluoroquinolone resistance in relation to uropathogenicity among <i>Escherichia coli</i> isolates isolated from Wenyu River, China. 2012 , 87, 37-42		12
402	Synchrotron FTIR microspectroscopy of <i>Escherichia coli</i> at single-cell scale under silver-induced stress conditions. 2013 , 405, 2685-97		17

401	Functional genotypes are associated with commensal <i>Escherichia coli</i> strain abundance within-host individuals and populations. 2013 , 22, 4112-22		3
400	The type 1 pili regulator gene <i>fimX</i> and pathogenicity island PAI-X as molecular markers of uropathogenic <i>Escherichia coli</i> . 2013 , 159, 1606-1617		9
399	<i>Escherichia coli</i> from cellulitis lesions in broilers. 2013 , 7, 40-45		5
398	Draft genome sequences of five recent human uropathogenic <i>Escherichia coli</i> isolates. 2013 , 69, 66-70		13
397	Fitness, stress resistance, and extraintestinal virulence in <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 2013 , 81, 2733-42	3.7	28
396	Abrupt emergence of a single dominant multidrug-resistant strain of <i>Escherichia coli</i> . <i>Journal of Infectious Diseases</i> , 2013 , 207, 919-28	7	201
395	Leukemia and risk of recurrent <i>Escherichia coli</i> bacteremia: genotyping implicates <i>E. coli</i> translocation from the colon to the bloodstream. 2013 , 32, 1393-400		33
394	Population-based incidence and comparative demographics of community-associated and healthcare-associated <i>Escherichia coli</i> bloodstream infection in Auckland, New Zealand, 2005-2011. 2013 , 13, 385		27
393	Human and avian extraintestinal pathogenic <i>Escherichia coli</i> : infections, zoonotic risks, and antibiotic resistance trends. 2013 , 10, 916-32		221
392	From infection to immunotherapy: host immune responses to bacteria at the bladder mucosa. 2013 , 6, 1041-53		62
391	Occurrence of class 1 integrons in uropathogenic fluoroquinolone-resistant clinical <i>Escherichia coli</i> isolates from Jamaica. 2013 , 121, 226-31		2
390	<i>Escherichia coli</i> sequence type 131 (ST131) subclone H30 as an emergent multidrug-resistant pathogen among US veterans. <i>Clinical Infectious Diseases</i> , 2013 , 57, 1256-65	11.6	143
389	OxyR contributes to the virulence of a Clonal Group A <i>Escherichia coli</i> strain (O17:K+:H18) in animal models of urinary tract infection, subcutaneous infection, and systemic sepsis. <i>Microbial Pathogenesis</i> , 2013 , 64, 1-5	3.8	12
388	Complexity of <i>Escherichia coli</i> bacteremia pathophysiology evidenced by comparison of isolates from blood and portal of entry within single patients. 2013 , 303, 529-32		6
387	Virulence potential and adherence properties of <i>Escherichia coli</i> that produce CTX-M and NDM β -lactamases. 2013 , 62, 525-530		29
386	Detection of <i>Escherichia coli</i> in drugs with antibody conjugated quantum dots as immunofluorescence probes. 2013 , 78-79, 9-13		13
385	Clonal diversity of ESBL-producing <i>Escherichia coli</i> in pigs at slaughter level in Portugal. 2013 , 10, 74-9		26
384	The effect of hospital effluent on antimicrobial resistant <i>E. coli</i> within a municipal wastewater system. 2013 , 15, 617-22		22

383	A novel two-component signaling system facilitates uropathogenic <i>Escherichia coli</i> 's ability to exploit abundant host metabolites. <i>PLoS Pathogens</i> , 2013 , 9, e1003428	7.6	52
382	The genetic basis of <i>Escherichia coli</i> pathoadaptation to macrophages. <i>PLoS Pathogens</i> , 2013 , 9, e10038926		45
381	Predictive diagnostics for <i>Escherichia coli</i> infections based on the clonal association of antimicrobial resistance and clinical outcome. 2013 , 51, 2991-9		49
380	Real-time PCR for quantitative analysis of human commensal <i>Escherichia coli</i> populations reveals a high frequency of subdominant phylogroups. 2013 , 79, 5005-12		38
379	Vaginal colonization by papG allele II+ <i>Escherichia coli</i> isolates from pregnant and nonpregnant women as predisposing factor to pyelonephritis. 2013 , 2013, 860402		5
378	Principles of Disease Prevention, Diagnosis, and Control. 2013 , 1-60		
377	Plasmid profiling of multidrug resistant <i>Escherichia coli</i> strains isolated from urinary tract infection patients. 2013 , 1, 1-4		2
376	Multidrug-resistant <i>Escherichia coli</i> bacteremia. 2013 , 19, 1699-701		45
375	Comparative analysis of ESBL-positive <i>Escherichia coli</i> isolates from animals and humans from the UK, The Netherlands and Germany. <i>PLoS ONE</i> , 2013 , 8, e75392	3.7	88
374	Foodborne urinary tract infections: a new paradigm for antimicrobial-resistant foodborne illness. <i>Frontiers in Microbiology</i> , 2013 , 4, 29	5.7	75
373	Antibiotic Resistance in <i>Escherichia coli</i> . 2014 , 374-386		1
372	<i>Escherichia coli</i> . 2014 , 23-58		
371	In vivo correlates of molecularly inferred virulence among extraintestinal pathogenic <i>Escherichia coli</i> (ExPEC) in the wax moth <i>Galleria mellonella</i> model system. 2014 , 5, 388-93		22
370	Differences in extended-spectrum beta-lactamase producing <i>Escherichia coli</i> virulence factor genes in the Baltic Sea region. 2014 , 2014, 427254		6
369	Modification of cellulose non-woven substrates for preparation of modern wound dressings. 2014 , 84, 96-112		21
368	Épidémiologie des bactériémies chez le sujet âgé. 2014 , 6, 102-106		
367	Role of the microbiome in recurrent urinary tract infection. 2014 , 48-59		1
366	Group A <i>Escherichia coli</i> -related purpura fulminans: an unusual manifestation due to an unusual strain?. 2014 , 52, 4404-6		4

365	Response of extraintestinal pathogenic <i>Escherichia coli</i> to human serum reveals a protective role for Rcs-regulated exopolysaccharide colanic acid. <i>Infection and Immunity</i> , 2014 , 82, 298-305	3.7	42
364	A draft genome of <i>Escherichia coli</i> sequence type 127 strain 2009-46. 2014 , 6, 32		7
363	Quantification of bacterial uropathogens in preclinical samples using real-time PCR assays. 2014 , 68, 220-6		5
362	Molecular characterisation of <i>Escherichia coli</i> isolated from hospitalised children and adults with urinary tract infection. 2014 , 33, 975-82		13
361	Cycloserine as an alternative urinary tract infection therapy: susceptibilities of 500 urinary pathogens to standard and alternative therapy antimicrobials. 2014 , 33, 1169-72		2
360	Bacterial self-defence: how <i>Escherichia coli</i> evades serum killing. 2014 , 354, 1-9		75
359	Crosstalk between sentinel and helper macrophages permits neutrophil migration into infected uroepithelium. 2014 , 156, 456-68		147
358	Ratio of "A-type" to "B-type" proanthocyanidin interflavan bonds affects extra-intestinal pathogenic <i>Escherichia coli</i> invasion of gut epithelial cells. 2014 , 62, 3919-25		58
357	<i>Escherichia coli</i> ST131, an intriguing clonal group. 2014 , 27, 543-74		497
356	Cervico-vaginopathogenic <i>Escherichia coli</i> in Iran: Serogroup distributions, virulence factors and antimicrobial resistance properties. <i>Microbial Pathogenesis</i> , 2014 , 75, 29-34	3.8	9
355	Biofilm formation protects <i>Escherichia coli</i> against killing by <i>Caenorhabditis elegans</i> and <i>Myxococcus xanthus</i> . 2014 , 80, 7079-87		42
354	Faecal <i>Escherichia coli</i> from patients with <i>E. coli</i> urinary tract infection and healthy controls who have never had a urinary tract infection. 2014 , 63, 582-589		54
353	Massive diversification in aging colonies of <i>Escherichia coli</i> . 2014 , 196, 3059-73		32
352	Bioavailability, bioactivity and impact on health of dietary flavonoids and related compounds: an update. 2014 , 88, 1803-53		386
351	Genome analysis and in vivo virulence of porcine extraintestinal pathogenic <i>Escherichia coli</i> strain PCN033. 2015 , 16, 717		50
350	Diarrhea, bacteremia and multiorgan dysfunction due to an extraintestinal pathogenic <i>Escherichia coli</i> strain with enteropathogenic <i>E. coli</i> genes. 2015 , 73, ftv076		12
349	Old Friends in New Places: Exploring the Role of Extraintestinal <i>E. coli</i> in Intestinal Disease and Foodborne Illness. 2015 , 62, 491-6		22
348	Methods to determine effects of cranberry proanthocyanidins on extraintestinal infections: Relevance for urinary tract health. 2015 , 59, 1292-306		34

347	Investigation of Biofield Treatment on Antimicrobial Susceptibility, Biochemical Reaction Pattern and Biotyping of Enteropathogenic Multidrug-Resistant Escherichia coli Isolates. 2015 , s2,		
346	Multidrug-Resistant Escherichia coli and Klebsiella pneumoniae Isolated From Patients in Kashan, Iran. 2015 , 8, e27517		21
345	Metabolism and Fitness of Urinary Tract Pathogens. 2015 , 215-230		1
344	Metabolism and Fitness of Urinary Tract Pathogens. 2015 , 3,		38
343	Macrophages Subvert Adaptive Immunity to Urinary Tract Infection. <i>PLoS Pathogens</i> , 2015 , 11, e1005044	4.6	55
342	Genetic Evaluation of E. coli Strains Isolated from Asymptomatic Children with Neurogenic Bladders. 2015 , 2015, 206570		3
341	Serotype O18 avian pathogenic and neonatal meningitis Escherichia coli strains employ similar pathogenic strategies for the onset of meningitis. 2015 , 6, 777-86		17
340	The Genotoxin Colibactin Is a Determinant of Virulence in Escherichia coli K1 Experimental Neonatal Systemic Infection. <i>Infection and Immunity</i> , 2015 , 83, 3704-11	3-7	47
339	Faecal Escherichia coli isolates show potential to cause endogenous infection in patients admitted to the ICU in a tertiary care hospital. 2015 , 7, 57-66		17
338	Comparative analysis of the uropathogenic Escherichia coli surface proteome by tandem mass-spectrometry of artificially induced outer membrane vesicles. 2015 , 115, 93-106		26
337	Antimicrobial resistance risk factors and characterisation of faecal E. coli isolated from healthy Labrador retrievers in the United Kingdom. 2015 , 119, 31-40		40
336	Occurrence of Antimicrobial-Resistant Escherichia coli and Salmonella enterica in the Beef Cattle Production and Processing Continuum. 2015 , 81, 713-25		59
335	Zoonotic potential of Escherichia coli isolates from retail chicken meat products and eggs. 2015 , 81, 1177-87		94
334	Phenotypic features and phylogenetic background of extraintestinal hemolytic Escherichia coli responsible of mortality in puppies. 2015 , 179, 126-30		6
333	Murine model of chemotherapy-induced extraintestinal pathogenic Escherichia coli translocation. <i>Infection and Immunity</i> , 2015 , 83, 3243-56	3-7	17
332	Nonwoven Cellulose Substrates for Modern Wound Dressings. 2015 , 179-194		
331	Intensity and Mechanisms of Fluoroquinolone Resistance within the H30 and H30Rx Subclones of Escherichia coli Sequence Type 131 Compared with Other Fluoroquinolone-Resistant E. coli. 2015 , 59, 4471-80		48
330	Carvone functionalized iron oxide nanostructures thin films prepared by MAPLE for improved resistance to microbial colonization. 2015 , 73, 605-611		10

329	War wound treatment complications due to transfer of an IncN plasmid harboring bla(OXA-181) from <i>Morganella morganii</i> to CTX-M-27-producing sequence type 131 <i>Escherichia coli</i> . 2015 , 59, 3556-62	35
328	Multilocus sequence typing and virulence gene profiles associated with <i>Escherichia coli</i> from human and animal sources. 2015 , 12, 302-10	48
327	Characterization of Pathogenic <i>Escherichia coli</i> in River Water by Simultaneous Detection and Sequencing of 14 Virulence Genes. 2015 , 49, 6800-7	12
326	Colonization with <i>Escherichia coli</i> Strains among Female Sex Partners of Men with Febrile Urinary Tract Infection. 2015 , 53, 1947-50	14
325	Extra-intestinal pathogenic <i>Escherichia coli</i> (ExPEC): Disease, carriage and clones. 2015 , 71, 615-26	96
324	Switching Rho GTPase activation into effective antibacterial defenses requires the caspase-1/IL-1beta signaling axis. 2015 , 6, 186-8	4
323	Host Characteristics and Bacterial Traits Predict Experimental Virulence for <i>Escherichia coli</i> Bloodstream Isolates From Patients With Urosepsis. 2015 , 2, ofv083	58
322	Pore-forming Activity of the <i>Escherichia coli</i> Type III Secretion System Protein EspD. 2015 , 290, 25579-94	15
321	Extraintestinal Pathogenic and Antimicrobial-Resistant <i>Escherichia coli</i> Contamination of 56 Public Restrooms in the Greater Minneapolis-St. Paul Metropolitan Area. 2015 , 81, 4498-506	7
320	Special biochemical profiles of <i>Escherichia coli</i> strains isolated from humans and camels by the VITEK 2 automated system in Al-Ahsa, Saudi Arabia. 2016 , 10, 783-790	2
319	Population Phylogenomics of Extraintestinal Pathogenic <i>Escherichia coli</i> . 2016 , 207-233	
318	The Niche for Sequence Type 131 Among Veterans: Urinary Tract Abnormalities and Long-Term Care Facilities. 2016 , 3, ofw138	8
317	Household Clustering of Sequence Type 131 Clinical and Fecal Isolates According to Whole Genome Sequence Analysis. 2016 , 3, ofw129	42
316	<i>Escherichia coli</i> β -Lactamases: What Really Matters. <i>Frontiers in Microbiology</i> , 2016 , 7, 417	5-7 45
315	Advances in Molecular Serotyping and Subtyping of <i>Escherichia coli</i> . <i>Frontiers in Microbiology</i> , 2016 , 7, 644	5-7 67
314	Genomic Microbial Epidemiology Is Needed to Comprehend the Global Problem of Antibiotic Resistance and to Improve Pathogen Diagnosis. <i>Frontiers in Microbiology</i> , 2016 , 7, 843	5-7 28
313	Small Intestine Early Innate Immunity Response during Intestinal Colonization by <i>Escherichia coli</i> Depends on Its Extra-Intestinal Virulence Status. <i>PLoS ONE</i> , 2016 , 11, e0153034	3-7 5
312	Comprehensive analysis of type 1 fimbriae regulation in <i>fimB</i> -null strains from the multidrug resistant <i>Escherichia coli</i> ST131 clone. 2016 , 101, 1069-87	13

311	Immunogenicity and safety of a tetravalent E. coli O-antigen bioconjugate vaccine in animal models. 2016 , 34, 4152-4160		27
310	Isolation and Characterization of Escherichia coli Sequence Type 131 and Other Antimicrobial-Resistant Gram-Negative Bacilli from Clinical Stool Samples from Veterans. 2016 , 60, 4638-45		4
309	Population Phylogenomics of Extraintestinal Pathogenic Escherichia coli. 2016 , 4,		17
308	Sequence Type 131 30 Is the Main Driver of Emerging Extended-Spectrum-β-Lactamase-Producing . at a Tertiary Care Center. 2016 , 1,		8
307	Bacterial Prostatitis: Bacterial Virulence, Clinical Outcomes, and New Directions. 2016 , 4,		13
306	The Pandemic H30 Subclone of Escherichia coli Sequence Type 131 Is Associated With Persistent Infections and Adverse Outcomes Independent From Its Multidrug Resistance and Associations With Compromised Hosts. <i>Clinical Infectious Diseases</i> , 2016 , 62, 1529-1536	11.6	30
305	Molecular characterization and clinical significance of extraintestinal pathogenic Escherichia coli recovered from a south Indian tertiary care hospital. <i>Microbial Pathogenesis</i> , 2016 , 95, 43-48	3.8	5
304	Strengths and Limitations of Model Systems for the Study of Urinary Tract Infections and Related Pathologies. 2016 , 80, 351-67		24
303	An epidemiologically successful Escherichia coli sequence type modulates Plasmodium falciparum infection in the mosquito midgut. 2016 , 43, 22-30		8
302	Molecular Epidemiology and Genome Dynamics of New Delhi Metallo-β-Lactamase-Producing Extraintestinal Pathogenic Escherichia coli Strains from India. 2016 , 60, 6795-6805		43
301	Prospective Cohort Study of the Relative Abundance of Extended-Spectrum-Beta-Lactamase-Producing Escherichia coli in the Gut of Patients Admitted to Hospitals. 2016 , 60, 6941-6944		6
300	Inflammasomes in the urinary tract: a disease-based review. 2016 , 311, F653-F662		15
299	Thymus transcriptome reveals novel pathways in response to avian pathogenic Escherichia coli infection. 2016 , 95, 2803-2814		22
298	Early settlers: which E. coli strains do you not want at birth?. 2016 , 311, G123-9		30
297	Effect of kpsM on the virulence of porcine extraintestinal pathogenic Escherichia coli. 2016 , 363,		7
296	Extra-Intestinal Escherichia coli (Uropathogenic E. coli and Avian Pathogenic E. coli). 2016 , 205-220		
295	Effect of vegetated filter strips on transport and deposition rates of in overland flow in the eastern escarpments of the Mau Forest, Njoro River Watershed, Kenya. 2016 , 1, 157-182		11
294	Escherichia coli and urinary tract infections: the role of poultry-meat. 2016 , 22, 122-129		96

293	Comparison of the microbiological characteristics and virulence factors of ST131 and non-ST131 clones among extended-spectrum β -lactamase-producing <i>Escherichia coli</i> causing bacteremia. 2016 , 84, 102-4		18
292	Comparative proteomics of uropathogenic <i>Escherichia coli</i> during growth in human urine identify UCA-like (UCL) fimbriae as an adherence factor involved in biofilm formation and binding to uroepithelial cells. 2016 , 131, 177-189		38
291	Heat resistance in extended-spectrum beta-lactamase-producing <i>Escherichia coli</i> may favor environmental survival in a hospital setting. 2016 , 167, 345-9		10
290	Application of Routine Diagnostic Procedure, VITEK 2 Compact, MALDI-TOF MS, and PCR Assays in Identification Procedure of Bacterial Strain with Ambiguous Phenotype. 2016 , 72, 570-82		14
289	Therapies in early development for the treatment of urinary tract inflammation. 2016 , 25, 531-40		13
288	<i>Escherichia coli</i> : an old friend with new tidings. 2016 , 40, 437-463		132
287	A potential camel reservoir for extended-spectrum β -lactamase-producing <i>Escherichia coli</i> causing human infection in Saudi Arabia. 2016 , 48, 427-33		16
286	Influence of immobilized quaternary ammonium group surface density on antimicrobial efficacy and cytotoxicity. 2016 , 32, 13-24		36
285	Quinolone co-resistance in ESBL- or AmpC-producing <i>Escherichia coli</i> from an Indian urban aquatic environment and their public health implications. 2016 , 23, 1954-9		24
284	Extraintestinal Pathogenic <i>Escherichia coli</i> , a Common Human Pathogen: Challenges for Vaccine Development and Progress in the Field. <i>Journal of Infectious Diseases</i> , 2016 , 213, 6-13	7	111
283	Insights into the Mechanistic Basis of Plasmid-Mediated Colistin Resistance from Crystal Structures of the Catalytic Domain of MCR-1. 2017 , 7, 39392		78
282	Extraintestinal Pathogenic and Antimicrobial-Resistant <i>Escherichia coli</i> , Including Sequence Type 131 (ST131), from Retail Chicken Breasts in the United States in 2013. 2017 , 83,		28
281	Rapid and Specific Detection of the <i>Escherichia coli</i> Sequence Type 648 Complex within Phylogroup F. 2017 , 55, 1116-1121		26
280	Epidemic Emergence in the United States of <i>Escherichia coli</i> Sequence Type 131-30 (ST131-30), 2000 to 2009. 2017 , 61,		36
279	Two levels of specialization in bacteraemic <i>Escherichia coli</i> strains revealed by their comparison with commensal strains. 2017 , 145, 872-882		22
278	Genome-Wide Discovery of Genes Required for Capsule Production by Uropathogenic. 2017 , 8,		29
277	Phylogenetic Backgrounds and Virulence-Associated Traits of <i>Escherichia coli</i> Isolates from Surface Waters and Diverse Animals in Minnesota and Wisconsin. 2017 , 83,		10
276	Development and Qualification of an Opsonophagocytic Killing Assay To Assess Immunogenicity of a Bioconjugated <i>Escherichia coli</i> Vaccine. 2017 , 24,		7

275	Food-animal production and the spread of antibiotic resistance: the role of ecology. 2017 , 15, 309-318		42
274	Pathological and microbiological investigations into cases of bacterial chondronecrosis and osteomyelitis in broiler poultry. 2017 , 46, 683-694		20
273	Commensal-to-pathogen transition: One-single transposon insertion results in two pathoadaptive traits in <i>Escherichia coli</i> -macrophage interaction. 2017 , 7, 4504		20
272	Spondylodiscitis in a healthy 12-year-old girl with Extraintestinal pathogenic <i>Escherichia coli</i> (ExPEC) bacteraemia. 2017 , 17, 380		1
271	Characterization and virulence clustering analysis of extraintestinal pathogenic <i>Escherichia coli</i> isolated from swine in China. 2017 , 13, 94		16
270	Using long-term experimental evolution to uncover the patterns and determinants of molecular evolution of an <i>Escherichia coli</i> natural isolate in the streptomycin-treated mouse gut. 2017 , 26, 1802-1817		37
269	An Overview of Two-Component Signal Transduction Systems Implicated in Extra-Intestinal Pathogenic Infections. 2017 , 7, 162		30
268	Evaluation of Recombinant Attenuated Vaccine Strains for Broad Protection against Extraintestinal Pathogenic. <i>Frontiers in Immunology</i> , 2017 , 8, 1280	8.4	5
267	Transcriptional Control of Dual Transporters Involved in β -Ketoglutarate Utilization Reveals Their Distinct Roles in Uropathogenic. <i>Frontiers in Microbiology</i> , 2017 , 8, 275	5:7	7
266	Colonizing opportunistic pathogens (COPs): The beasts in all of us. <i>PLoS Pathogens</i> , 2017 , 13, e1006369	7.6	45
265	The Pandemic 30 Subclone of Sequence Type 131 (ST131) as the Leading Cause of Multidrug-Resistant Infections in the United States (2011-2012). 2017 , 4, ofx089		52
264	Disinfectant Use in the Hospital Environment for Microorganisms Control. 2017 , 08,		2
263	Potential of antibiotic activity by Mast. front of strains and. 2018 , 25, 37-43		25
262	A coliform-targeted metagenomic method facilitating human exposure estimates to <i>Escherichia coli</i> -borne antibiotic resistance genes. 2018 , 94,		13
261	Molecular serogrouping of. 2018 , 19, 1-16		12
260	Molecular Epidemiology of Extraintestinal Pathogenic. 2018 , 8,		27
259	Invasion and translocation of uropathogenic <i>Escherichia coli</i> isolated from urosepsis and patients with community-acquired urinary tract infection. 2018 , 37, 833-839		12
258	Cranberry proanthocyanidin-chitosan hybrid nanoparticles as a potential inhibitor of extra-intestinal pathogenic <i>Escherichia coli</i> invasion of gut epithelial cells. 2018 , 111, 415-420		25

257	Evolution of a Dominant Natural Isolate of Escherichia coli in the Human Gut over the Course of a Year Suggests a Neutral Evolution with Reduced Effective Population Size. 2018 , 84,	31
256	Potential targets for next generation antimicrobial glycoconjugate vaccines. 2018 , 42, 388-423	82
255	Risk factors for acquisition of multidrug-resistant Escherichia coli and development of community-acquired urinary tract infections. 2018 , 146, 46-57	23
254	Draft Genomic Sequences of Nine Extraintestinal Pathogenic Escherichia coli Isolates from Retail Chicken Skin. 2018 , 7,	2
253	Adherent/invasive Escherichia coli (AIEC) isolates from asymptomatic people: new E. coli ST131 O25:H4/H30-Rx virotypes. 2018 , 17, 42	9
252	Antimicrobial Resistance Profile of Positive Clinical Isolates of in China From 2013 to 2016. <i>Frontiers in Microbiology</i> , 2018 , 9, 2514	5-7 16
251	Competition among Strains for Space and Resources. 2018 , 5,	4
250	Prevalence and potential virulence of Escherichia coli in ready-to-eat raw mixed vegetable salads in collective catering in Abidjan, Côte d'Ivoire. 2018 , 120, 2912-2923	
249	Draft Genomic Sequencing of Six Potential Extraintestinal Pathogenic Escherichia coli Isolates from Retail Chicken Meat. 2018 , 6,	3
248	Alarming levels of antimicrobial resistance among sepsis patients admitted to ICU in a tertiary care hospital in India - a case control retrospective study. 2018 , 7, 150	5
247	Trehalose Lipid Biosurfactant Reduces Adhesion of Microbial Pathogens to Polystyrene and Silicone Surfaces: An Experimental and Computational Approach. <i>Frontiers in Microbiology</i> , 2018 , 9, 2441 ⁵⁻⁷	37
246	Escherichia coli, a Versatile Pathogen. 2018 ,	2
245	Recent developments of quinolone-based derivatives and their activities against Escherichia coli. 2018 , 157, 1223-1248	58
244	Clinical and microbiological characteristics of peritoneal dialysis-related peritonitis caused by Escherichia coli in southern Taiwan. 2018 , 37, 1699-1707	6
243	Genomic Characterization of MDR Harboring on the IncL/M-type Plasmid Isolated from Blood Stream Infection. 2018 , 2018, 3036143	4
242	ESBL-plasmid carriage in enhances in vitro bacterial competition fitness and serum resistance in some strains of pandemic sequence types without overall fitness cost. 2018 , 10, 24	18
241	Multi-drug resistant Escherichia coli in diarrhoeagenic foals: Pulsotyping, phylotyping, serotyping, antibiotic resistance and virulence profiling. 2018 , 223, 144-152	11
240	Antimicrobial activity of extracts against multi-drug resistant from patients of urinary tract infection. 2018 , 34, 616-620	6

239	An evaluation of multidrug-resistant <i>Escherichia coli</i> isolates in urinary tract infections from Aguascalientes, Mexico: cross-sectional study. 2018 , 17, 34		48
238	Pandemic Bacteremic <i>Escherichia Coli</i> Strains: Evolution and Emergence of Drug-Resistant Pathogens. 2018 , 416, 163-180		10
237	Characterization of Asymptomatic Bacteriuria Isolates in Search of Alternative Strains for Efficient Bacterial Interference against Uropathogens. <i>Frontiers in Microbiology</i> , 2018 , 9, 214	5.7	14
236	The Functional Amyloid Curli Protects <i>Escherichia coli</i> against Complement-Mediated Bactericidal Activity. 2018 , 8,		23
235	Comparison of Commensal <i>Escherichia coli</i> Isolates from Adults and Young Children in Lubuskie Province, Poland: Virulence Potential, Phylogeny and Antimicrobial Resistance. 2018 , 15,		11
234	Estimating the number of infections caused by antibiotic-resistant <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> in 2014: a modelling study. 2018 , 6, e969-e979		47
233	Diagnosis of three different pathogenic microorganisms by gas chromatography-mass spectrometry. <i>F1000Research</i> , 2017 , 6, 1415	3.6	7
232	Quantitative surveillance of shiga toxins 1 and 2, <i>Escherichia coli</i> O178 and O157 in feces of western-Canadian slaughter cattle enumerated by droplet digital PCR with a focus on seasonality and slaughterhouse location. <i>PLoS ONE</i> , 2018 , 13, e0195880	3.7	8
231	Accessory Traits and Phylogenetic Background Predict <i>Escherichia coli</i> Extraintestinal Virulence Better Than Does Ecological Source. <i>Journal of Infectious Diseases</i> , 2019 , 219, 121-132	7	21
230	Current Trends in Antimicrobial Resistance of <i>Escherichia coli</i> . 2018 , 416, 181-211		28
229	In vitro assessment of antimicrobial and genotoxic effect of metallosurfactant based nickel hydroxide nanoparticles against <i>Escherichia coli</i> and its genomic DNA. 2018 , 170, 99-108		12
228	Cytotoxic <i>Escherichia coli</i> strains encoding colibactin isolated from immunocompromised mice with urosepsis and meningitis. <i>PLoS ONE</i> , 2018 , 13, e0194443	3.7	7
227	Contribution of Healthy Chickens to Antimicrobial-Resistant <i>Escherichia coli</i> Associated with Human Extraintestinal Infections in Egypt. 2018 , 18, 408-416		8
226	from Commercial Broiler and Backyard Chickens Share Sequence Types, Antimicrobial Resistance Profiles, and Resistance Genes with Human Extraintestinal Pathogenic. 2019 , 16, 813-822		25
225	Numerical interpretation of TRS-PCR profiling results for <i>Escherichia coli</i> strains isolated from patients with bacteriuria in Lodz region, Poland. 2019 , 46, 5543-5553		1
224	Bloodstream Infections in Patients at a University Hospital: Virulence Factors and Clinical Characteristics. 2019 , 9, 191		28
223	Virulence-associated traits and in vitro biofilm-forming ability of <i>Escherichia coli</i> isolated from a major river traversing Northern India. 2019 , 26, 21304-21311		2
222	Human carriage of cefotaxime-resistant <i>Escherichia coli</i> in North-East India: an analysis of STs and associated resistance mechanisms. 2020 , 75, 72-76		5

221	Genomic Epidemiology of Major Extraintestinal Pathogenic Lineages Causing Urinary Tract Infections in Young Women Across Canada. 2019 , 6, ofz431	11
220	Pathobionts Associated with Inflammatory Bowel Disease. 2019 , 32,	84
219	Characterization of multiple type-VI secretion system (T6SS) VgrG proteins in the pathogenicity and antibacterial activity of porcine extra-intestinal pathogenic Escherichia coli. 2019 , 10, 118-132	12
218	Global Extraintestinal Pathogenic Escherichia coli (ExPEC) Lineages. 2019 , 32,	143
217	Safety and immunogenicity of a vaccine for extra-intestinal pathogenic Escherichia coli (ESTELLA): a phase 2 randomised controlled trial. 2019 , 19, 631-640	31
216	Multidrug-Resistant Resulting in Postpartum Necrotizing Endomyometritis. 2019 , 2019, 6715974	2
215	Effect of calcination temperature on the antibacterial activity of TiO ₂ /Ag nanocomposite. 2019 , 6, 095059	7
214	Avian Pathogenic Escherichia coli: Link to Foodborne Urinary Tract Infections in Humans. 2019 , 261-292	
213	Pneumonia-Specific Escherichia coli with Distinct Phylogenetic and Virulence Profiles, France, 2012-2014. 2019 , 25, 710-718	14
212	High prevalence of CTX-M belonging to ST410 and ST889 among ESBL producing E. coli isolates from waterfowl birds in China's tropical island, Hainan. 2019 , 194, 30-35	10
211	Secreted proteases: A new insight in the pathogenesis of extraintestinal pathogenic Escherichia coli. 2019 , 309, 159-168	14
210	Combination of a flow cytometric bead system with 16S rRNA-targeted oligonucleotide probes for bacteria detection. 2019 , 411, 2161-2168	3
209	Food Safety in Poultry Meat Production. 2019 ,	3
208	Hepcidin, iron, and bacterial infection. 2019 , 110, 223-242	10
207	Rapid Emergence, Subsidence, and Molecular Detection of Sequence Type 1193-, a New Disseminated Multidrug-Resistant Commensal and Extraintestinal Pathogen. 2019 , 57,	35
206	Antimicrobial Resistance and Virulence Gene Profiles Among Escherichia coli Isolates from Retail Chicken Carcasses in Vietnam. 2019 , 16, 298-306	8
205	Characterization of a Putative Antimicrobial Peptide from an Antarctic Bacterium. 2019 , 1358, 012024	
204	Molecular Characterization of Uropathogenic Reveals Emergence of Drug Resistant O15, O22 and O25 Serogroups. 2019 , 55,	5

203	Microbiological Quality of Prawns Collected from Local Markets of Dhaka Metropolis. 2019 , 35, 13-16		1
202	Computational insights into factor affecting the potency of diaryl sulfone analogs as Escherichia coli dihydropteroate synthase inhibitors. 2019 , 78, 37-52		10
201	Biofilm formation by ESBL-producing strains of Escherichia coli and Klebsiella pneumoniae. 2019 , 309, 13-18		15
200	Antibiotic resistant zoonotic bacteria in Irrawaddy squirrel (Callosciurus pygerythrus). 2019 , 5, 260-268		3
199	Sub-Inhibitory concentrations of SOS-Response inducing antibiotics stimulate integrase expression and excision of pathogenicity islands in uropathogenic Escherichia coli strain 536. 2020 , 310, 151361		5
198	Inactivation of extraintestinal pathogenic E. coli suspended in ground chicken meat by high pressure processing and identification of virulence factors which may affect resistance to high pressure. 2020 , 111, 107070		5
197	Isolation, phenotypic and genotypic characterization of Escherichia coli from the bloodstream samples in Riyadh, Saudi Arabia. 2020 , 32, 1464-1469		6
196	Regulation of mononuclear phagocyte function by the microbiota at mucosal sites. 2020 , 159, 26-38		10
195	Pathogenicity Factors of Genomic Islands in Intestinal and Extraintestinal. <i>Frontiers in Microbiology</i> , 2020 , 11, 2065	5:7	22
194	Have We Outlived the Concept of Commensalism for Staphylococcus aureus?. <i>Clinical Infectious Diseases</i> , 2021 , 73, e267-e269	11.6	1
193	Genotyping of Escherichia coli Isolates for Extraintestinal Virulence Genes by Use of Whole-Genome Sequencing Data. 2020 , 58,		47
192	F Plasmids Are the Major Carriers of Antibiotic Resistance Genes in Human-Associated Commensal Escherichia coli. 2020 , 5,		6
191	Antimicrobial proanthocyanidin-chitosan composite nanoparticles loaded with gentamicin. 2020 , 162, 1500-1508		6
190	A Thermosensitive, Phase-Variable Epigenetic Switch: Revisited. 2020 , 84,		6
189	Estimating the Incubation Period of Urinary Tract Infections Using Foodborne Outbreak Data. 2020 , 17, 628-630		1
188	Antimicrobial Polymer-Peptide Conjugates Based on Maximin H5 and PEG to Prevent Biofouling of and. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 46991-47001	9.5	7
187	Impact of Sequential Passaging on Protein Expression of Using Proteomics Analysis. 2020 , 2020, 2716202		1
186	A Clinical Extensively-Drug Resistant (XDR) and Role of Its β -Lactamase Genes. <i>Frontiers in Microbiology</i> , 2020 , 11, 590357	5:7	4

185	Purulent Infectious Myositis: Its Anguish and Ubiquitous!. 2020 , 16, 131-134	0
184	Genomic Analysis of CTX-M-Group-1-Producing Extraintestinal Pathogenic (ExPEc) from Patients with Urinary Tract Infections (UTI) from Colombia. 2020 , 9,	5
183	Antibiotic Resistance among Iraqi Local E. coli isolates. 2020 ,	
182	Cyclooxygenase-2 Inhibition Reduces Autophagy of Macrophages Enhancing Extraintestinal Pathogenic Infection. <i>Frontiers in Microbiology</i> , 2020 , 11, 708	5-7 4
181	A retrospective study on Escherichia coli bacteremia in immunocompromised patients: Microbiological features, clinical characteristics, and risk factors for shock and death. 2020 , 34, e23319	3
180	Antibiotic-resistant bacteria and antimicrobial residues in wastewater and process water from German pig slaughterhouses and their receiving municipal wastewater treatment plants. 2020 , 727, 138788	34
179	A novel copper-based 3D porous nanocomposite for electrochemical detection and inactivation of pathogenic bacteria. 2020 , 321, 128449	14
178	Effects of concentrated poultry operations and cropland manure application on antibiotic resistant Escherichia coli and nutrient pollution in Chesapeake Bay watersheds. 2020 , 735, 139401	4
177	Structural analysis of the O-antigen polysaccharide from Escherichia coli O188. 2020 , 498, 108051	5
176	Antimicrobial activity of Streptomyces griseoviridis K10 against ESBL Escherichia coli, MRSA, and other pathogenic microorganisms. 2020 , 439, 012066	
175	MicroRNAs regulate innate immunity against uropathogenic and commensal-like Escherichia coli infections in the surrogate insect model Galleria mellonella. 2020 , 10, 2570	8
174	Fruit extracts to control pathogenic : A sweet solution. 2020 , 6, e03410	7
173	The risk of urinary tract infection in vegetarians and non-vegetarians: a prospective study. 2020 , 10, 906	5
172	Serine protease autotransporters of Enterobacteriaceae (SPATEs) are largely distributed among Escherichia coli isolated from the bloodstream. 2020 , 51, 447-454	8
171	Extended Phylogeny and Extraintestinal Virulence Potential of Commensal from Piglets and Sows. 2020 , 17,	10
170	Fungi Are Capable of Mycoremediation of River Water Contaminated by E. coli. 2020 , 231, 1	2
169	A supercritical assisted process for the production of amoxicillin-loaded liposomes for antimicrobial applications. 2020 , 163, 104842	15
168	Whole Genome Sequencing Detects Minimal Clustering Among Escherichia coli Sequence Type 131-H30 Isolates Collected From United States Children's Hospitals. 2021 , 10, 183-187	2

167	Epidemiology of Escherichia coli Bacteremia: A Systematic Literature Review. <i>Clinical Infectious Diseases</i> , 2021 , 72, 1211-1219	11.6	32
166	Extended-spectrum beta-lactamase-producing Escherichia coli and antimicrobial resistance in municipal and hospital wastewaters in Czech Republic: Culture-based and metagenomic approaches. 2021 , 193, 110487		6
165	Enhancement of antibacterial activity of synthesized ligand-free CdS nanocrystals due to silver doping. 2021 , 61, 27-36		2
164	Enhanced antimicrobial photodynamic activity of photosensitizer encapsulated copper based metallocatanionic vesicles against E.coli using visible light. 2021 , 324, 114688		6
163	Isolation and complete genome sequencing of the virulent phage vB_EcoS_XY3 infecting multidrug-resistant Escherichia coli. 2021 , 166, 303-307		
162	The population genetics of pathogenic Escherichia coli. 2021 , 19, 37-54		72
161	Antibacterial and photocatalytic aspects of zinc oxide nanorods synthesized using Piper nigrum seed extract. 1		3
160	The Role of Vaccines in Combating Antimicrobial Resistance. 2021 , 347-430		3
159	The Beginning of the End. 2021 , 97-124		1
158	Epidemiology of Invasive Escherichia coli Infection and Antibiotic Resistance Status Among Patients Treated in US Hospitals: 2009-2016. <i>Clinical Infectious Diseases</i> , 2021 , 73, 565-574	11.6	7
157	Complete Genome Sequence of Escherichia coli Strain FEX669, a ColV Plasmid-Containing Isolate from Retail Chicken Meat. 2021 , 10,		
156	Preconceptual Priming Overrides Susceptibility to Escherichia coli Systemic Infection during Pregnancy. 2021 , 12,		1
155	sp. nov., a novel Gram-stain-negative bacterium, isolated from a faecal sample of an international traveller. 2021 , 71,		5
154	Escherichia coli Genomic Diversity within Extraintestinal Acute Infections Argues for Adaptive Evolution at Play. 2021 , 6,		1
153	Antagonistic Activity of Endophytic Fungi Isolated from Globba patens Miq. Rhizome against Human Pathogenic Bacteria. 2021 , 15, 232-239		
152	Whole-genome analyses of extended-spectrum or AmpC β -lactamase-producing Escherichia coli isolates from companion dogs in Japan. <i>PLoS ONE</i> , 2021 , 16, e0246482	3.7	2
151	Targeting of Mammalian Glycans Enhances Phage Predation in the Gastrointestinal Tract. 2021 , 12,		11
150	BacteriaAnchoring Hybrid Liposome Capable of Absorbing Multiple Toxins for Antivirulence Therapy of Infection. 2021 , 15, 4173-4185		10

149	RNA-seq analysis of antibacterial mechanism of essential oil against. 2021 , 9, e11081		0
148	The development and characterization of an E. coli O25B bioconjugate vaccine. 2021 , 38, 421-435		5
147	Electrochemical Genosensing of Based on Padlock Probes and Rolling Circle Amplification. 2021 , 21,		1
146	A bacterial shield and sword previously uncharacterized two-component system protects uropathogenic Escherichia coli from host-derived oxidative insults and promotes hemolysin-mediated host cell pyroptosis.		1
145	Prevalence and Antibiotic Resistance Characteristics of Extraintestinal Pathogenic among Healthy Chickens from Farms and Live Poultry Markets in China. 2021 , 11,		0
144	Comparative Characteristics and Zoonotic Potential of Avian Pathogenic (APEC) Isolates from Chicken and Duck in South Korea. <i>Microorganisms</i> , 2021 , 9,	4.9	1
143	Strategies to Tackle Antimicrobial Resistance: The Example of and. 2021 , 22,		1
142	Phylogroup stability contrasts with high within sequence type complex dynamics of Escherichia coli bloodstream infection isolates over a 12-year period. 2021 , 13, 77		11
141	Cranberry Proanthocyanidins-PANI Nanocomposite for the Detection of Bacteria Associated with Urinary Tract Infections. 2021 , 11,		2
140	The population genomics of increased virulence and antibiotic resistance in human commensal Escherichia coli over 30 years in France.		1
139	High prevalence of bla and bla among ESBL producing E. coli isolates from beef cattle in China's Sichuan-Chongqing Circle. 2021 , 11, 13725		1
138	Efficacy of Lactobacillus vaginal suppositories for the prevention of recurrent cystitis: A phase II clinical trial. 2021 , 28, 1026-1031		3
137	Comparison of Antimicrobial Resistance, Virulence Genes, Phylogroups, and Biofilm Formation of Isolated From Intensive Farming and Free-Range Sheep. <i>Frontiers in Microbiology</i> , 2021 , 12, 699927	5.7	5
136	Global molecular epidemiology of carbapenem-resistant Escherichia coli (2002-2017). 2021 , 1		3
135	Antibiotic susceptibility and production of extended-spectrum beta-lactamase (ESBL) of E. coli strains isolated from meat. 2021 , 15, 370-376		
134	Genomic evolution of antimicrobial resistance in Escherichia coli. 2021 , 11, 15108		2
133	Characterization and genome sequence of the genetically unique Escherichia bacteriophage vB_EcoM_IME392. 2021 , 166, 2505-2520		6
132	Colistin-resistant Gram-negative bacteria in Saudi Arabia: A literature review. 2021 , 33, 101610		1

131	Extended-spectrum β -lactamase (ESBL)-producing <i>Escherichia coli</i> survey in wild seabirds at a pristine atoll in the southern Atlantic Ocean, Brazil: First report of the O25b-ST131 clone harboring bla. 2022 , 806, 150539	0
130	High occurrence of carbapenem-resistant <i>Escherichia coli</i> isolates from healthy rabbits (<i>Oryctolagus cuniculus</i>): first report of bla and bla type genes from livestock in Tunisia. 2021 , 73, 708-717	1
129	The Deletion of Gene Facilitates <i>Escherichia coli</i> Escape from Immune Recognition. 2021 , 203, e0033621	
128	Molecular Characteristics, Ecology, and Zoonotic Potential of <i>Escherichia coli</i> Strains That Cause Hemorrhagic Pneumonia in Animals. 2021 , 87, e0147121	0
127	Extended-spectrum β -lactamase-producing <i>Escherichia coli</i> from extraintestinal infections in humans and from food-producing animals in Italy: a 'One Health' study. 2021 , 58, 106433	2
126	The Phylogenetic Structure of Reptile, Avian and Uropathogenic with Particular Reference to Extraintestinal Pathotypes. 2021 , 22,	1
125	Cranberry () dietary supplementation and fecal microbiota of Wistar rats. 2021 , 7, 257-270	0
124	Genomic diversity of from healthy children in rural Gambia. 2021 , 9, e10572	4
123	Molecular characterisation of extended-spectrum β -lactamase producing <i>Escherichia coli</i> in wild birds and cattle, Ibadan, Nigeria. 2021 , 17, 33	3
122	Unraveling the Secrets of Bacterial Adhesion Organelles Using Single-Molecule Force Spectroscopy. 2010 , 337-362	7
121	Characterization of <i>Escherichia coli</i> bloodstream isolates associated with mortality. 2016 , 65, 71-79	19
120	<i>Escherichia coli</i> clonal group A among uropathogenic infections in Mexico City. 2016 , 65, 1438-1444	1
119	Clonal ST131-22 strains from a healthy pig and a human urinary tract infection carry highly similar resistance and virulence plasmids. 2019 , 5,	18
118	Origin, maintenance and spread of antibiotic resistance genes within plasmids and chromosomes of bloodstream isolates of. 2020 , 6,	6
117	Genomic analysis of trimethoprim-resistant extraintestinal pathogenic and recurrent urinary tract infections. 2020 , 6,	10
116	Phylogenetic, virulence and antibiotic resistance characteristics of commensal strain populations of <i>Escherichia coli</i> from community subjects in the Paris area in 2010 and evolution over 30 years. 2016 , 162, 642-650	62
115	Major role of iron uptake systems in the intrinsic extra-intestinal virulence of the genus <i>Escherichia</i> revealed by a genome-wide association study.	4
114	<i>Escherichia ruysiae</i> sp. nov., isolated from an international traveller.	3

113	Molecular Epidemiology and Population Genetics of Extraintestinal Pathogenic Escherichia coli. 91-107		1
112	Diagnosis of three different pathogenic microorganisms by gas chromatography-mass spectrometry. <i>F1000Research</i> , 2017 , 6, 1415	3.6	8
111	Major role of iron uptake systems in the intrinsic extra-intestinal virulence of the genus Escherichia revealed by a genome-wide association study. 2020 , 16, e1009065		20
110	Patient's origin and lifestyle associated with CTX-M-producing Escherichia coli: a case-control-control study. <i>PLoS ONE</i> , 2012 , 7, e30498	3.7	34
109	Predicting Essential Metabolic Genome Content of Niche-Specific Enterobacterial Human Pathogens during Simulation of Host Environments. <i>PLoS ONE</i> , 2016 , 11, e0149423	3.7	12
108	Evaluation of Escherichia coli isolates from healthy chickens to determine their potential risk to poultry and human health. <i>PLoS ONE</i> , 2017 , 12, e0180599	3.7	76
107	IDENTIFICATION AND MOLECULAR CHARACTERISATION OF ESBL PRODUCING UROPATHOGENIC ESCHERICHIA COLI STRAINS ISOLATED FROM A TERTIARY CARE HOSPITAL OF TRIPURA. <i>Journal of Evolution of Medical and Dental Sciences</i> , 2018 , 7, 2829-2833	0.1	4
106	Sexual Activity and the Risk of Acute Uncomplicated Urinary Tract Infection in Premenopausal Women: Implications for Reproductive Health Programming. 2018 , 9,		2
105	Phylogenetic Grouping and Assessment of Virulence Genotypes, With Antibiotic Resistance Patterns, of Escherichia Coli Strains Implicated in Female Urinary Tract Infections. <i>International Journal of Enteric Pathogens</i> , 2016 , 4,	0.2	6
104	The Antibacterial Activity of Satureja khuzestanica Essential Oil Against Clinical Isolates of E. coli. 2016 , 11,		4
103	The Role and Mechanism of Thiol-Dependent Antioxidant System in Bacterial Drug Susceptibility and Resistance. 2020 , 27, 1940-1954		1
102	The Antibiotic Resistance Pattern of Gram-Negative Bacteria in Children Younger Than 24 Months with a Urinary Tract Infection: A Retrospective Single-Center Study over 15 Consecutive Years. 2015 , 19, 148-153		6
101	Resistance Trend, Antibiotic Utilization and Mortality in Patients with Bacteraemia. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2019 , 7, 1119-1123	1	2
100	Trend analysis of bacterial uropathogens and their susceptibility pattern: A 4-year (2013-2016) study from Aseer region, Saudi Arabia. 2018 , 10, 41-46		8
99	Using Atomic Force Microscopy to Measure Anti-Adhesion Effects on Uropathogenic Bacteria, Observed in Urine after Cranberry Juice Consumption. 2012 , 03, 533-540		7
98	Antimicrobial Resistance and Virulence Profiles of mcr-1-Positive Escherichia coli Isolated from Swine Farms in Heilongjiang Province of China. <i>Journal of Food Protection</i> , 2020 , 83, 2209-2215	2.5	3
97	The unexhausted potential of E. coli. <i>ELife</i> , 2015 , 4,	8.9	158
96	Escherichia coli Bacteremia-induced Purpura Fulminans: A Case Report. <i>Cureus</i> , 2018 , 10, e3638	1.2	2

95	Molecular Epidemiology and Characteristics of CTX-M-55 Extended-Spectrum β -Lactamase-Producing From Guangzhou, China. <i>Frontiers in Microbiology</i> , 2021 , 12, 730012	5.7	3
94	Extraintestinal Pathogenic : Virulence Factors and Antibiotic Resistance. <i>Pathogens</i> , 2021 , 10,	4.5	6
93	A previously uncharacterized two-component signaling system in uropathogenic Escherichia coli coordinates protection against host-derived oxidative stress with activation of hemolysin-mediated host cell pyroptosis. <i>PLoS Pathogens</i> , 2021 , 17, e1010005	7.6	3
92	Escherichia coli infections. 2006 , 205-258		4
91	Susceptibility tests of oral antibiotics including cefixime against Escherichia coli, isolated from pediatric patients with community acquired urinary tract infections. <i>Korean Journal of Pediatrics</i> , 2006 , 49, 777	2.4	5
90	Detection of Diarrheagenic Escherichia coli Isolated Using Molecular Approaches. <i>Research Journal of Microbiology</i> , 2008 , 3, 359-367	0.1	2
89	Molecular Typing Methods for Analysis of Extraintestinal Pathogenic Escherichia coli. 2011 , 213-227		
88	Antimicrobial Resistance and Plasmid Characterization of Escherichia coli Isolated in In natura Water. <i>American Journal of Drug Discovery and Development</i> , 2013 , 4, 80-84		4
87	Concluding Perspectives of Sequelae and Long-Term Consequences of Infectious DiseasesâWhat's Next?. 487-493		
86	The Family Enterobacteriaceae. 2015 , 307-320		
85	Virulence Genes, Genetic Diversity, Antimicrobial Susceptibility and Phylogenetic Background of Escherichia coli Isolates. <i>International Journal of Enteric Pathogens</i> , 2015 , 3,	0.2	1
84	Bacterial Prostatitis: Bacterial Virulence, Clinical Outcomes, and New Directions. 121-134		
83	PREVALENCE OF EXTENDED SPECTRUM BETA LACTAMASE (ESBL) PRODUCTION AMONG URINARY ISOLATES IN A TERTIARY CARE SETUP.....A BITTER TRUTH ABOUT THE SUPERBUGS.....!!!!!! Journal of Evolution of Medical and Dental Sciences, 2017 , 6, 867-873	0.1	
82	Chapter 14 The paediatric urinary tract: emerging lessons from the adult urinary microbiome. 2017 , 271-279		1
81	Initial study of three different pathogenic microorganisms by gas chromatography-mass spectrometry. <i>F1000Research</i> , 6, 1415	3.6	1
80	T�h h�h nhiem Escherichia coli sinh beta-lactamase pho rong tr� ng�i ch�i nu�ng � o �ng bang s�ng Cuu Long. <i>Tap Chi Khoa Hoc = Journal of Science</i> , 2018 , 54(N�ng nghiep), 1	0.1	
79	Structure Evaluation of IroN for Designing a Vaccine against Escherichia Coli, an In Silico Approach. <i>Journal of Medical Microbiology and Infectious Diseases</i> , 2019 , 7, 93-106	0.4	1
78	Whole genome sequencing detects minimal clustering among Escherichia coli Sequence Type 131H30 isolates collected from U.S. children� hospitals.		

77	Antibiotic Resistance Profile and Diversity of Subtypes Genes in Causing Bloodstream Infection in Northern Vietnam. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2019 , 7, 4393-4398	1	1
76	and efficacy study of cefepime, doripenem, tigecycline, and tetracycline against extended-spectrum beta-lactamases in chickens. <i>Veterinary World</i> , 2020 , 13, 446-451	1.7	1
75	[Laboratory errors for identification of the escherichia coli strains of the serological groups O6 and O25 as acute intestinal infections.]. <i>Klinicheskaya Laboratornaya Diagnostika</i> , 2020 , 65, 368-374	0.5	
74	Targeting of Mammalian Glycans Enhances Phage Predation in the Gastrointestinal Tract.		
73	Genomic diversity of Escherichia coli isolates from healthy children in rural Gambia.		
72	Antimicrobial, antioxidant and cytotoxic properties of <i>Chenopodium glaucum</i> L. <i>PLoS ONE</i> , 2021 , 16, e0255502	3.7	3
71	Epidemiologic Investigation of Extra-intestinal pathogenic E. coli (ExPEC) based on PCR phylogenetic group and fimH single nucleotide polymorphisms (SNPs) in China. <i>International Journal of Molecular Epidemiology and Genetics</i> , 2011 , 2, 339-53	0.9	13
70	Escherichia coli: a brief review of diarrheagenic pathotypes and their role in diarrheal diseases in Iran. <i>Iranian Journal of Microbiology</i> , 2012 , 4, 102-17	0.9	60
69	A preliminary study on virulence factors & antimicrobial resistance in extra-intestinal pathogenic Escherichia coli (ExPEC) in Bangladesh. <i>Indian Journal of Medical Research</i> , 2013 , 137, 988-90	2.9	4
68	Molecular characterization and antibiotic resistance of enterotoxigenic and entero-aggregative Escherichia coli isolated from raw milk and unpasteurized cheeses. <i>Veterinary Research Forum</i> , 2014 , 5, 29-34	0.5	11
67	Escherichia coli pyomyositis in an immunocompromised host. <i>Wisconsin Medical Journal</i> , 2011 , 110, 182-4.5	4.5	9
66	Tug-of-War between Covalent Binding and Electrostatic Interaction Effectively Killing without Detectable Resistance. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 56838-56849	9.5	2
65	Virulence genotype and phenotype of multiple Antimicrobial Resistant Escherichia coli isolates from Broilers assessed in a "One-Health" Perspective. <i>Journal of Food Protection</i> , 2021 ,	2.5	0
64	Bio contamination of surfaces and medical devices in controlled environment areas at a hospital in Morocco. <i>E3S Web of Conferences</i> , 2021 , 319, 01080	0.5	
63	Intestinal Persistence of Colonizing Escherichia coli Strains, Especially ST131-H30, in Relation to Bacterial and Host Factors.. <i>Journal of Infectious Diseases</i> , 2022 ,	7	2
62	AB Enterotoxin-Mediated Pathogenesis: Perspectives Gleaned from Shiga Toxins.. <i>Toxins</i> , 2022 , 14,	4.9	1
61	A Comprehensive Computational Analysis for Identification of a Specific Anti-avian Pathogenic Escherichia coli Peptide. <i>International Journal of Peptide Research and Therapeutics</i> , 2022 , 28, 1	2.1	0
60	Detecting bacterial infections in wounds: a review of biosensors and wearable sensors in comparison with conventional laboratory methods.. <i>Analyst, The</i> , 2022 ,	5	2

59	Genetic Characterization of Multidrug-Resistant Isolates from Bloodstream Infections in Lithuania.. <i>Microorganisms</i> , 2022 , 10,	4.9	1
58	Secreted Autotransporter Toxin (Sat) Mediates Innate Immune System Evasion.. <i>Frontiers in Immunology</i> , 2022 , 13, 844878	8.4	1
57	Preclinical Immunogenicity and Efficacy of Optimized O25b O-Antigen Glycoconjugates To Prevent MDR ST131 E. coli Infections.. <i>Infection and Immunity</i> , 2022 , e0002222	3.7	2
56	Molecular characterization and antimicrobial resistance profile of pathogenic Escherichia coli from goats with respiratory disease in eastern China.. <i>Microbial Pathogenesis</i> , 2022 , 105501	3.8	0
55	Data_Sheet_1.docx. 2018 ,		
54	Video_1.MOV. 2018 ,		
53	Video_2.MOV. 2018 ,		
52	Data_Sheet_1.docx. 2018 ,		
51	Table_1.docx. 2019 ,		
50	Data_Sheet_1.docx. 2020 ,		
49	Table_1.docx. 2020 ,		
48	Data_Sheet_1.PDF. 2020 ,		
47	Image_1.TIF. 2020 ,		
46	Image_2.TIF. 2020 ,		
45	Image_3.TIF. 2020 ,		
44	Image_4.TIF. 2020 ,		
43	Image_1.JPEG. 2018 ,		
42	Image_2.JPEG. 2018 ,		

41 Image_3.TIF. 2018,

40 Image_4.TIF. 2018,

39 Table_1.DOCX. 2018,

38 Table_2.DOC. 2018,

37 Table_3.XLSX. 2018,

36 Table_4.XLSX. 2018,

35 Table_5.XLSX. 2018,

34 Plasmid-Mediated Mechanism of Quinolone Resistance on Isolates from Different Clinical Samples. *Archives of Razi Institute*, 2021, 76, 561-573

0.6

33 Global Distribution of O-Serotypes and Antibiotic Resistance in Extraintestinal Pathogenic Escherichia coli (ExPEC) Collected From the Blood of Bacteremia Patients Across Multiple Surveillance Studies. *Clinical Infectious Diseases*,

11.6 0

32 To kill or to be killed: pangenome analysis of Escherichia coli strains reveals a tailocin specific for pandemic ST131. *BMC Biology*, 2022, 20,

7.3 0

31 Gut Microbiota and Immunotherapy. *Frontiers in Microbiology*, 13,

5.7 3

30 Distribution of extraintestinal pathogenic Escherichia coli O-serotypes and antibiotic resistance in blood isolates collected from patients in a surveillance study in Japan. *Journal of Infection and Chemotherapy*, 2022,

2.2 0

29 Regulation of gut microbiota of Astragali Radix in treating for chronic atrophic gastritis rats based on metabolomics coupled with 16S rRNA gene sequencing. *Chemico-Biological Interactions*, 2022, 110063⁵

0

28 Molecular characterization of extended-spectrum beta-lactamase-producing extra-intestinal pathogenic Escherichia coli isolated in a university teaching hospital Dakar-Senegal.

27 Evidence of Community-Wide Spread of Multi-Drug Resistant Escherichia coli in Young Children in Lusaka and Ndola Districts, Zambia. 2022, 10, 1684

1

26 Diversity of Escherichia coli found in the Salish Sea. 9,

0

25 Phylotypic Profiling, Distribution of Pathogenicity Island Markers, and Antimicrobial Susceptibility of Escherichia coli Isolated from Retail Chicken Meat and Humans. 2022, 11, 1197

1

24 Hcp Proteins of the Type VI Secretion System Promote Avian Pathogenic E. coli DE205B (O2:K1) to Induce Meningitis in Rats. 2022, 12, 1353

0

23	Review of Escherichia Coli Infections of Veterinary Importance.	0
22	Pfiban enfeksiyā miyozit.	0
21	Isolation and Characterization of Lytic Bacteriophages Active against Clinical Strains of E. coli and Development of a Phage Antimicrobial Cocktail. 2022 , 14, 2381	1
20	Evaluation of ERIC-PCR method for determining genetic diversity among Escherichia coli isolated from human and retail imported frozen shrimp and beef. 2022 , 9,	0
19	Sequence-based genotyping of extra-intestinal pathogenic Escherichia coli isolates from patients with suspected community-onset sepsis, Sweden. 2022 , 173, 105836	0
18	Molecular exposition of broad-spectrum antibacterial efficacy by p-coumaric acid from an edible mushroom Termitomyces heimii: in vitro and in silico approach.	0
17	A 3D-printed microfluidic gradient generator with integrated photonic silicon sensors for rapid antimicrobial susceptibility testing. 2022 , 22, 4950-4961	0
16	The coming of age of neutrophil extracellular traps in thrombosis: Where are we now and where are we headed?.	1
15	Genomics Analysis to Identify Multiple Genetic Determinants That Drive the Global Transmission of the Pandemic ST95 Lineage of Extraintestinal Pathogenic Escherichia coli (ExPEC). 2022 , 11, 1489	0
14	Determination of biomarkers associated with neoadjuvant treatment response focusing on colibactin-producing Escherichia coli in patients with mid or low rectal cancer: a prospective clinical study protocol (MICARE). 2022 , 12, e061527	0
13	Characteristics, pathogenic mechanism, zoonotic potential, drug resistance, and prevention of avian pathogenic Escherichia coli (APEC). 13,	0
12	Identification of a small molecule 0390 as a potent antimicrobial agent to combat antibiotic-resistant Escherichia coli. 13,	0
11	In Vivo Role of Two-Component Regulatory Systems in Models of Urinary Tract Infections. 2023 , 12, 119	0
10	Chicken Production and Human Clinical Escherichia coli Isolates Differ in Their Carriage of Antimicrobial Resistance and Virulence Factors.	0
9	Targeted literature review of the burden of extraintestinal pathogenic Escherichia Coli among elderly patients in Asia Pacific regions. 1-20	0
8	Recent advancement, immune responses, and mechanism of action of various vaccines against intracellular bacterial infections. 2023 , 314, 121332	1
7	Epidemiology, clinical features, and antimicrobial resistance of invasive Escherichia coli disease in patients admitted in tertiary care hospitals.	0
6	Multi-drug Resistance, β -Lactamases Production, and Coexistence of bla _{NDM-1} and mcr-1 in Escherichia coli Clinical Isolates From a Referral Hospital in Kathmandu, Nepal. 2023 , 16, 117863612311522	0

- 5 Crosstalk between Gut Microbiota and Host Immunity: Impact on Inflammation and Immunotherapy. **2023**, 11, 294 1
- 4 Wild Birds and Zoonotic Pathogens. **2023**, 1-31 0
- 3 Broad protective vaccination against systemic *Escherichia coli* with autotransporter antigens. **2023**, 19, e1011082 1
- 2 Comparison of antimicrobial resistant *Escherichia coli* isolated from Irish commercial pig farms with and without zinc oxide and antimicrobial usage. **2023**, 15, 1
- 1 Using source-associated mobile genetic elements to identify zoonotic extraintestinal *E. coli* infections. **2023**, 100518 0