James R Johnson

List of Publications by Citations

307 papers	19,557 citations	77 h-index	129 g-index
317 ext. papers	22,570 ext. citations	6.4 avg, IF	6.78 L-index

#	Paper	IF	Citations
307	Extended virulence genotypes of Escherichia coli strains from patients with urosepsis in relation to phylogeny and host compromise. *Journal of Infectious Diseases*, **2000**, 181, 261-72	7	924
306	Guidelines for antimicrobial treatment of uncomplicated acute bacterial cystitis and acute pyelonephritis in women. Infectious Diseases Society of America (IDSA). *Clinical Infectious Diseases*, **1999**, 29, 745-58	11.6	811
305	Organised genome dynamics in the Escherichia coli species results in highly diverse adaptive paths. *PLoS Genetics*, **2009**, 5, e1000344	6	802
304	Intercontinental emergence of Escherichia coli clone O25:H4-ST131 producing CTX-M-15. *Journal of Antimicrobial Chemotherapy*, **2008**, 61, 273-81	5.1	618
303	Medical and economic impact of extraintestinal infections due to Escherichia coli: focus on an increasingly important endemic problem. *Microbes and Infection*, **2003**, 5, 449-56	9.3	526
302	Escherichia coli sequence type ST131 as the major cause of serious multidrug-resistant E. coli infections in the United States. *Clinical Infectious Diseases*, **2010**, 51, 286-94	11.6	393
301	Widespread distribution of urinary tract infections caused by a multidrug-resistant Escherichia coli clonal group. *New England Journal of Medicine*, **2001**, 345, 1007-13	59.2	393
300	Phylogenetic distribution of extraintestinal virulence-associated traits in Escherichia coli. *Journal of Infectious Diseases*, **2001**, 183, 78-88	7	307
299	The genome sequence of avian pathogenic Escherichia coli strain O1:K1:H7 shares strong similarities with human extraintestinal pathogenic E. coli genomes. *Journal of Bacteriology*, **2007**, 189, 3228-36	3.5	289
298	The epidemic of extended-spectrum-□lactamase-producing Escherichia coli ST131 is driven by a single highly pathogenic subclone, H30-Rx. *MBio*, **2013**, 4, e00377-13	7.8	288
297	Extraintestinal pathogenic Escherichia coli: "the other bad E coli". *Translational Research*, **2002**, 139, 155-62		264
296	Isolation and molecular characterization of nalidixic acid-resistant extraintestinal pathogenic Escherichia coli from retail chicken products. *Antimicrobial Agents and Chemotherapy*, **2003**, 47, 2161-8	5.9	233
295	Epidemic clonal groups of Escherichia coli as a cause of antimicrobial-resistant urinary tract infections in Canada, 2002 to 2004. *Antimicrobial Agents and Chemotherapy*, **2009**, 53, 2733-9	5.9	226
294	Systematic review: antimicrobial urinary catheters to prevent catheter-associated urinary tract infection in hospitalized patients. *Annals of Internal Medicine*, **2006**, 144, 116-26	8	222
293	Comparison of extraintestinal pathogenic Escherichia coli strains from human and avian sources reveals a mixed subset representing potential zoonotic pathogens. *Applied and Environmental Microbiology*, **2008**, 74, 7043-50	4.8	208
292	Abrupt emergence of a single dominant multidrug-resistant strain of Escherichia coli. *Journal of Infectious Diseases*, **2013**, 207, 919-28	7	201
291	Evolutionary History of the Global Emergence of the Escherichia coli Epidemic Clone ST131. *MBio*, **2016**, 7, e02162	7.8	200

290	Extended-spectrum β-lactamase-producing Escherichia coli from retail chicken meat and humans: comparison of strains, plasmids, resistance genes, and virulence factors. *Clinical Infectious Diseases*, **2013**, 56, 478-87	11.6	193
289	Food-borne origins of Escherichia coli causing extraintestinal infections. *Clinical Infectious Diseases*, **2012**, 55, 712-9	11.6	189
288	Molecular epidemiology of extraintestinal pathogenic (uropathogenic) Escherichia coli. *International Journal of Medical Microbiology*, **2005**, 295, 383-404	3.7	188
287	Antimicrobial-resistant and extraintestinal pathogenic Escherichia coli in retail foods. *Journal of Infectious Diseases*, **2005**, 191, 1040-9	7	183
286	Loop-mediated isothermal amplification assay for rapid detection of common strains of Escherichia coli. *Journal of Clinical Microbiology*, **2008**, 46, 2800-4	9.7	181
285	Phylogenetic origin and virulence genotype in relation to resistance to fluoroquinolones and/or extended-spectrum cephalosporins and cephamycins among Escherichia coli isolates from animals and humans. *Journal of Infectious Diseases*, **2003**, 188, 759-68	7	177
284	A new clone sweeps clean: the enigmatic emergence of Escherichia coli sequence type 131. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 4997-5004	5.9	164
283	Antimicrobial drug-resistant Escherichia coli from humans and poultry products, Minnesota and Wisconsin, 2002-2004. *Emerging Infectious Diseases*, **2007**, 13, 838-46	10.2	150
282	Escherichia coli sequence type 131 (ST131) subclone H30 as an emergent multidrug-resistant pathogen among US veterans. *Clinical Infectious Diseases*, **2013**, 57, 1256-65	11.6	143
281	High-resolution two-locus clonal typing of extraintestinal pathogenic Escherichia coli. *Applied and Environmental Microbiology*, **2012**, 78, 1353-60	4.8	141
280	Relationship between Escherichia coli strains causing acute cystitis in women and the fecal E. coli population of the host. *Journal of Clinical Microbiology*, **2008**, 46, 2529-34	9.7	138
279	Phylogenetic distribution of virulence-associated genes among Escherichia coli isolates associated with neonatal bacterial meningitis in the Netherlands. *Journal of Infectious Diseases*, **2002**, 185, 774-84	7	133
278	Molecular epidemiological and phylogenetic associations of two novel putative virulence genes, iha and iroN(E. coli), among Escherichia coli isolates from patients with urosepsis. *Infection and Immunity*, **2000**, 68, 3040-7	3.7	132
277	Experimental mouse lethality of Escherichia coli isolates, in relation to accessory traits, phylogenetic group, and ecological source. *Journal of Infectious Diseases*, **2006**, 194, 1141-50	7	127
276	Extended virulence genotypes and phylogenetic background of Escherichia coli isolates from patients with cystitis, pyelonephritis, or prostatitis. *Journal of Infectious Diseases*, **2005**, 191, 46-50	7	123
275	The genetic structure of Escherichia coli populations in primary and secondary habitats. *Microbiology (United Kingdom)*, **2002**, 148, 1513-1522	2.9	121
274	Molecular epidemiology and phylogenetic distribution of the Escherichia coli pks genomic island. *Journal of Clinical Microbiology*, **2008**, 46, 3906-11	9.7	119
273	Microbial virulence determinants and the pathogenesis of urinary tract infection. *Infectious Disease Clinics of North America*, **2003**, 17, 261-78, viii	6.5	117

272	Similarity between human and chicken Escherichia coli isolates in relation to ciprofloxacin resistance status. *Journal of Infectious Diseases*, **2006**, 194, 71-8	7	116
271	Acquisition of avian pathogenic Escherichia coli plasmids by a commensal E. coli isolate enhances its abilities to kill chicken embryos, grow in human urine, and colonize the murine kidney. *Infection and Immunity*, **2006**, 74, 6287-92	3.7	116
270	Escherichia coli isolates that carry vat, fyuA, chuA, and yfcV efficiently colonize the urinary tract. *Infection and Immunity*, **2012**, 80, 4115-22	3.7	115
269	Escherichia coli colonization patterns among human household members and pets, with attention to acute urinary tract infection. *Journal of Infectious Diseases*, **2008**, 197, 218-24	7	110
268	Fimbrial profiles predict virulence of uropathogenic Escherichia coli strains: contribution of ygi and yad fimbriae. *Infection and Immunity*, **2011**, 79, 4753-63	3.7	107
267	Quinolone, fluoroquinolone and trimethoprim/sulfamethoxazole resistance in relation to virulence determinants and phylogenetic background among uropathogenic Escherichia coli. *Journal of Antimicrobial Chemotherapy*, **2006**, 57, 204-11	5.1	107
266	IroN functions as a siderophore receptor and is a urovirulence factor in an extraintestinal pathogenic isolate of Escherichia coli. *Infection and Immunity*, **2002**, 70, 7156-60	3.7	105
265	Escherichia coli ST131-22 as a Foodborne Uropathogen. *MBio*, **2018**, 9,	7.8	105
264	Multiple-host sharing, long-term persistence, and virulence of Escherichia coli clones from human and animal household members. *Journal of Clinical Microbiology*, **2008**, 46, 4078-82	9.7	104
263	Determination of Escherichia coli O types by allele-specific polymerase chain reaction: application to the O types involved in human septicemia. *Diagnostic Microbiology and Infectious Disease*, **2007**, 57, 129-36	2.9	104
262	Identification of a new iron-regulated virulence gene, ireA, in an extraintestinal pathogenic isolate of Escherichia coli. *Infection and Immunity*, **2001**, 69, 6209-16	3.7	103
261	Associations between multidrug resistance, plasmid content, and virulence potential among extraintestinal pathogenic and commensal Escherichia coli from humans and poultry. *Foodborne Pathogens and Disease*, **2012**, 9, 37-46	3.8	99
260	Commonality among fluoroquinolone-resistant sequence type ST131 extraintestinal Escherichia coli isolates from humans and companion animals in Australia. *Antimicrobial Agents and Chemotherapy*, **2011**, 55, 3782-7	5.9	99
259	A disseminated multidrug-resistant clonal group of uropathogenic Escherichia coli in pyelonephritis. *Lancet, The*, **2002**, 359, 2249-51	40	99
258	Molecular epidemiology of Escherichia coli sequence type 131 and Its H30 and H30-Rx subclones among extended-spectrum-□lactamase-positive and -negative E. coli clinical isolates from the Chicago Region, 2007 to 2010. *Antimicrobial Agents and Chemotherapy*, **2013**, 57, 6385-8	5.9	98
257	Escherichia coli sequence type 131 is a dominant, antimicrobial-resistant clonal group associated with healthcare and elderly hosts. *Infection Control and Hospital Epidemiology*, **2013**, 34, 361-9	2	97
256	Zoonotic potential of Escherichia coli isolates from retail chicken meat products and eggs. *Applied and Environmental Microbiology*, **2015**, 81, 1177-87	4.8	94
255	Rapid and specific detection, molecular epidemiology, and experimental virulence of the O16 subgroup within Escherichia coli sequence type 131. *Journal of Clinical Microbiology*, **2014**, 52, 1358-65	9.7	94

254	Molecular epidemiological analysis of Escherichia coli sequence type ST131 (O25:H4) and blaCTX-M-15 among extended-spectrum-β-lactamase-producing E. coli from the United States, 2000 to 2009. *Antimicrobial Agents and Chemotherapy*, **2012**, 56, 2364-70	5.9	94
253	The IrgA homologue adhesin Iha is an Escherichia coli virulence factor in murine urinary tract infection. *Infection and Immunity*, **2005**, 73, 965-71	3.7	93
252	Virulence of Escherichia coli clinical isolates in a murine sepsis model in relation to sequence type ST131 status, fluoroquinolone resistance, and virulence genotype. *Infection and Immunity*, **2012**, 80, 1554-62	3.7	92
251	Ongoing horizontal and vertical transmission of virulence genes and papA alleles among Escherichia coli blood isolates from patients with diverse-source bacteremia. *Infection and Immunity* , **2001**, 69, 5363-74	3.7	91
250	Virulence factor profiles and phylogenetic background of Escherichia coli isolates from veterans with bacteremia and uninfected control subjects. *Journal of Infectious Diseases*, **2004**, 190, 2121-8	7	90
249	Canine feces as a reservoir of extraintestinal pathogenic Escherichia coli. *Infection and Immunity*, **2001**, 69, 1306-14	3.7	90
248	Changes in Colonic Bile Acid Composition following Fecal Microbiota Transplantation Are Sufficient to Control Clostridium difficile Germination and Growth. *PLoS ONE*, **2016**, 11, e0147210	3.7	90
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246	Evidence of commonality between canine and human extraintestinal pathogenic Escherichia coli strains that express papG allele III. *Infection and Immunity*, **2000**, 68, 3327-36	3.7	89
245	CTX-M-27- and CTX-M-14-producing, ciprofloxacin-resistant Escherichia coli of the H30 subclonal group within ST131 drive a Japanese regional ESBL epidemic. *Journal of Antimicrobial Chemotherapy*, **2015**, 70, 1639-49	5.1	87
244	Sharing of Escherichia coli sequence type ST131 and other multidrug-resistant and Urovirulent E. coli strains among dogs and cats within a household. *Journal of Clinical Microbiology*, **2009**, 47, 3721-5	9.7	87
243	Extraintestinal pathogenic Escherichia coli as a cause of invasive nonurinary infections. *Journal of Clinical Microbiology*, **2003**, 41, 5798-802	9.7	86
242	Selection footprint in the FimH adhesin shows pathoadaptive niche differentiation in Escherichia coli. *Molecular Biology and Evolution*, **2004**, 21, 1373-83	8.3	86
241	Comparison of Escherichia coli ST131 pulsotypes, by epidemiologic traits, 1967-2009. *Emerging Infectious Diseases*, **2012**, 18, 598-607	10.2	85
240	Multidrug-resistant extraintestinal pathogenic Escherichia coli of sequence type ST131 in animals and foods. *Veterinary Microbiology*, **2011**, 153, 99-108	3.3	84
239	Rates of mutation and host transmission for an Escherichia coli clone over 3 years. *PLoS ONE*, **2011**, 6, e26907	3.7	82
238	Sharing of virulent Escherichia coli clones among household members of a woman with acute cystitis. *Clinical Infectious Diseases*, **2006**, 43, e101-8	11.6	82
237	Analysis of the F antigen-specific papA alleles of extraintestinal pathogenic Escherichia coli using a novel multiplex PCR-based assay. *Infection and Immunity*, **2000**, 68, 1587-99	3.7	82

236	Modulation of host innate immune response in the bladder by uropathogenic Escherichia coli. *Infection and Immunity*, **2007**, 75, 5353-60	3.7	81
235	Quinolone-resistant uropathogenic Escherichia coli strains from phylogenetic group B2 have fewer virulence factors than their susceptible counterparts. *Journal of Clinical Microbiology*, **2005**, 43, 2962-4	9.7	80
234	2609. Escherichia coli Clonal Lineages and Virulence Factors Predict Fecal Colonization within Households. *Open Forum Infectious Diseases*, **2019**, 6, S907-S907	1	78
233	1438. Escherichia coli (EC) ST131-H30 Clonal Group is Associated with Antimicrobial Resistance, Illness Severity, Host Compromise, and Non-Cure among Patients with Bacteriuria. *Open Forum Infectious Diseases*, **2019**, 6, S525-S525	1	78
232	2583. Short-term Impact of Antimicrobial Exposure on Fecal Carriage of Resistant Microorganisms. *Open Forum Infectious Diseases*, **2019**, 6, S897-S897	1	78
231	1429. Diagnosis and Management of Osteomyelitis Associated with Stage IV Pressure Ulcers: Report of a Query to the Emerging Infections Network of the Infectious Diseases Society of America. *Open Forum Infectious Diseases*, **2019**, 6, S521-S522	1	78
230	Virulence factors of Escherichia coli isolates that produce CTX-M-type extended-spectrum beta-lactamases. *Antimicrobial Agents and Chemotherapy*, **2005**, 49, 4667-70	5.9	77
229	Epidemiological correlates of virulence genotype and phylogenetic background among Escherichia coli blood isolates from adults with diverse-source bacteremia. *Journal of Infectious Diseases*, **2002**, 185, 1439-47	7	77
228	Activities of a nitrofurazone-containing urinary catheter and a silver hydrogel catheter against multidrug-resistant bacteria characteristic of catheter-associated urinary tract infection. *Antimicrobial Agents and Chemotherapy*, **1999**, 43, 2990-5	5.9	77
227	Contamination of retail foods, particularly turkey, from community markets (Minnesota, 1999-2000) with antimicrobial-resistant and extraintestinal pathogenic Escherichia coli. *Foodborne Pathogens and Disease*, **2005**, 2, 38-49	3.8	76
226	Evaluation of Escherichia coli isolates from healthy chickens to determine their potential risk to poultry and human health. *PLoS ONE*, **2017**, 12, e0180599	3.7	76
225	Distribution and characteristics of Escherichia coli clonal group A. *Emerging Infectious Diseases*, **2005**, 11, 141-5	10.2	75
224	Identification of urovirulence traits in Escherichia coli by comparison of urinary and rectal E. coli isolates from dogs with urinary tract infection. *Journal of Clinical Microbiology*, **2003**, 41, 337-45	9.7	74
223	Virulence characteristics and phylogenetic background of multidrug-resistant and antimicrobial-susceptible clinical isolates of Escherichia coli from across the United States, 2000-2001. *Journal of Infectious Diseases*, **2004**, 190, 1739-44	7	74
222	Clonal analysis reveals high rate of structural mutations in fimbrial adhesins of extraintestinal pathogenic Escherichia coli. *Molecular Microbiology*, **2006**, 59, 975-88	4.1	72
221	Identification of two previously unrecognized genes (guaA and argC) important for uropathogenesis. *Molecular Microbiology*, **1996**, 22, 217-29	4.1	72
220	Uropathogenic Escherichia coli as agents of diverse non-urinary tract extraintestinal infections. *Journal of Infectious Diseases*, **2002**, 186, 859-64	7	71
219	Improved repetitive-element PCR fingerprinting for resolving pathogenic and nonpathogenic phylogenetic groups within Escherichia coli. *Vaccine Journal*, **2000**, 7, 265-73		71

218	Prevalence and characteristics of the epidemic multiresistant Escherichia coli ST131 clonal group among extended-spectrum beta-lactamase-producing E. coli isolates in Copenhagen, Denmark. *Journal of Clinical Microbiology*, **2013**, 51, 1779-85	9.7	70
217	Phylogenetic relationships among clonal groups of extraintestinal pathogenic Escherichia coli as assessed by multi-locus sequence analysis. *Microbes and Infection*, **2006**, 8, 1702-13	9.3	70
216	Four main virotypes among extended-spectrum-β-lactamase-producing isolates of Escherichia coli O25b:H4-B2-ST131: bacterial, epidemiological, and clinical characteristics. *Journal of Clinical Microbiology*, **2013**, 51, 3358-67	9.7	69
215	Separate F-Type Plasmids Have Shaped the Evolution of the H30 Subclone of Escherichia coli Sequence Type 131. *MSphere*, **2016**, 1,	5	68
214	Hepatitis due to herpes simplex virus in marrow-transplant recipients. *Clinical Infectious Diseases*, **1992**, 14, 38-45	11.6	68
213	Intermingled Klebsiella pneumoniae Populations Between Retail Meats and Human Urinary Tract Infections. *Clinical Infectious Diseases*, **2015**, 61, 892-9	11.6	67
212	The clonal distribution and diversity of extraintestinal Escherichia coli isolates vary according to patient characteristics. *Antimicrobial Agents and Chemotherapy*, **2013**, 57, 5912-7	5.9	65
211	Uropathogenic Escherichia coli induces chronic pelvic pain. *Infection and Immunity*, **2011**, 79, 628-35	3.7	64
210	Escherichia coli Pyomyositis: an emerging infectious disease among patients with hematologic malignancies. *Clinical Infectious Diseases*, **2010**, 50, 374-80	11.6	61
209	Enteroaggregative Escherichia coli O78:H10, the cause of an outbreak of urinary tract infection. *Journal of Clinical Microbiology*, **2012**, 50, 3703-11	9.7	59
208	Structure and urovirulence characteristics of the fecal Escherichia coli population among healthy women. *Microbes and Infection*, **2009**, 11, 274-80	9.3	59
207	Phylogenetic background and virulence profiles of fluoroquinolone-resistant clinical Escherichia coli isolates from the Netherlands. *Journal of Infectious Diseases*, **2002**, 186, 1852-6	7	59
206	Host Characteristics and Bacterial Traits Predict Experimental Virulence for Escherichia coli Bloodstream Isolates From Patients With Urosepsis. *Open Forum Infectious Diseases*, **2015**, 2, ofv083	1	58
205	Transmission of an extended-spectrum-beta-lactamase-producing Escherichia coli (sequence type ST131) strain between a father and daughter resulting in septic shock and Emphysematous pyelonephritis. *Journal of Clinical Microbiology*, **2009**, 47, 3780-2	9.7	58
204	Virulence genotype and phylogenetic origin in relation to antibiotic resistance profile among Escherichia coli urine sample isolates from Israeli women with acute uncomplicated cystitis. *Antimicrobial Agents and Chemotherapy*, **2005**, 49, 26-31	5.9	58
203	Genetic diversity and virulence profiles of Escherichia coli isolates causing spontaneous bacterial peritonitis and bacteremia in patients with cirrhosis. *Journal of Clinical Microbiology*, **2010**, 48, 2709-14	9.7	57
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201	Rapid and specific detection of Escherichia coli clonal group A by gene-specific PCR. *Journal of Clinical Microbiology*, **2004**, 42, 2618-22	9.7	57

200	Escherichia coli sequence type ST131 as an emerging fluoroquinolone-resistant uropathogen among renal transplant recipients. *Antimicrobial Agents and Chemotherapy*, **2010**, 54, 546-50	5.9	55
199	Clonal origin, virulence factors, and virulence. *Infection and Immunity*, **2000**, 68, 424-5	3.7	55
198	Escherichia coli serotype O15:K52:H1 as a uropathogenic clone. *Journal of Clinical Microbiology*, **2000**, 38, 201-9	9.7	53
197	The Pandemic 30 Subclone of Sequence Type 131 (ST131) as the Leading Cause of Multidrug-Resistant Infections in the United States (2011-2012). *Open Forum Infectious Diseases*, **2017**, 4, ofx089	1	52
196	Prominence of an O75 clonal group (clonal complex 14) among non-ST131 fluoroquinolone-resistant Escherichia coli causing extraintestinal infections in humans and dogs in Australia. *Antimicrobial Agents and Chemotherapy*, **2012**, 56, 3898-904	5.9	52
195	Iha from an Escherichia coli urinary tract infection outbreak clonal group A strain is expressed in vivo in the mouse urinary tract and functions as a catecholate siderophore receptor. *Infection and Immunity*, **2006**, 74, 3427-36	3.7	52
194	Carbapenemase-producing bacteria in companion animals: a public health concern on the horizon. *Journal of Antimicrobial Chemotherapy*, **2014**, 69, 1155-7	5.1	50
193	Ciprofloxacin-resistant gram-negative bacilli in the fecal microflora of children. *Antimicrobial Agents and Chemotherapy*, **2006**, 50, 3325-9	5.9	50
192	Predictive diagnostics for Escherichia coli infections based on the clonal association of antimicrobial resistance and clinical outcome. *Journal of Clinical Microbiology*, **2013**, 51, 2991-9	9.7	49
191	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. *Antimicrobial Agents and Chemotherapy*, **2015**, 59, 4471-80	5.9	48
190	Rapid and Extensive Expansion in the United States of a New Multidrug-resistant Escherichia coli Clonal Group, Sequence Type 1193. *Clinical Infectious Diseases*, **2019**, 68, 334-337	11.6	48
189	Clonal group distribution of fluoroquinolone-resistant Escherichia coli among humans and companion animals in Australia. *Journal of Antimicrobial Chemotherapy*, **2010**, 65, 1936-8	5.1	48
188	Three-decade epidemiological analysis of Escherichia coli O15:K52:H1. *Journal of Clinical Microbiology*, **2009**, 47, 1857-62	9.7	47
187	Genotyping of Escherichia coli Isolates for Extraintestinal Virulence Genes by Use of Whole-Genome Sequencing Data. *Journal of Clinical Microbiology*, **2020**, 58,	9.7	47
186	Urinary tract infections. *Primary Care - Clinics in Office Practice*, **2008**, 35, 345-67, vii	2.2	46
185	Predictors and molecular epidemiology of community-onset extended-spectrum β-lactamase-producing Escherichia coli infection in a Midwestern community. *Infection Control and Hospital Epidemiology*, **2013**, 34, 947-53	2	45
184	Escherichia coli sequence type 131 as a prominent cause of antibiotic resistance among urinary Escherichia coli isolates from reproductive-age women. *Journal of Clinical Microbiology*, **2013**, 51, 3270-6	9.7	45
183	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. *Infection and Immunity*, **2006**, 74, 461-8	3.7	45

182	papG alleles among Escherichia coli strains causing urosepsis: associations with other bacterial characteristics and host compromise. *Infection and Immunity*, **1998**, 66, 4568-71	3.7	45
181	Reservoirs of Extraintestinal Pathogenic Escherichia coli. *Microbiology Spectrum*, **2015**, 3,	8.9	44
180	Presence of putative repeat-in-toxin gene tosA in Escherichia coli predicts successful colonization of the urinary tract. *MBio*, **2011**, 2, e00066-11	7.8	44
179	Human-associated fluoroquinolone-resistant Escherichia coli clonal lineages, including ST354, isolated from canine feces and extraintestinal infections in Australia. *Microbes and Infection*, **2015**, 17, 266-74	9.3	43
178	Molecular Analysis of Escherichia coli from retail meats (2002-2004) from the United States National Antimicrobial Resistance Monitoring System. *Clinical Infectious Diseases*, **2009**, 49, 195-201	11.6	43
177	Community transmission in the United States of a CTX-M-15-producing sequence type ST131 Escherichia coli strain resulting in death. *Journal of Clinical Microbiology*, **2011**, 49, 3406-8	9.7	43
176	Antimicrobial urinary catheters: a systematic review. *Expert Review of Medical Devices*, **2008**, 5, 495-506	3.5	43
175	Occurrence of antibiotic-resistant uropathogenic Escherichia coli clonal group A in wastewater effluents. *Applied and Environmental Microbiology*, **2007**, 73, 4180-4	4.8	43
174	Phylogenetic and pathotypic comparison of concurrent urine and rectal Escherichia coli isolates from men with febrile urinary tract infection. *Journal of Clinical Microbiology*, **2005**, 43, 3895-900	9.7	43
173	Colonisation with ESBL-producing and carbapenemase-producing Enterobacteriaceae, vancomycin-resistant enterococci, and meticillin-resistant Staphylococcus aureus in a long-term care facility over one year. *BMC Infectious Diseases*, **2015**, 15, 168	4	42
172	Role of homologous recombination in adaptive diversification of extraintestinal Escherichia coli. *Journal of Bacteriology*, **2013**, 195, 231-42	3.5	42
171	Global molecular epidemiology of the O15:K52:H1 extraintestinal pathogenic Escherichia coli clonal group: evidence of distribution beyond Europe. *Journal of Clinical Microbiology*, **2002**, 40, 1913-23	9.7	42
170	Phylogenetic diversity, antimicrobial susceptibility and virulence characteristics of phylogroup F Escherichia coli in Australia. *Microbiology (United Kingdom)*, **2016**, 162, 1904-1912	2.9	42
169	Household Clustering of Sequence Type 131 Clinical and Fecal Isolates According to Whole Genome Sequence Analysis. *Open Forum Infectious Diseases*, **2016**, 3, ofw129	1	42
168	Clinical and microbiological determinants of infection after transrectal prostate biopsy. *Clinical Infectious Diseases*, **2015**, 60, 979-87	11.6	41
167	Risk factors for trimethoprim-sulfamethoxazole resistance in patients with acute uncomplicated cystitis. *Antimicrobial Agents and Chemotherapy*, **2008**, 52, 846-51	5.9	41
166	Gut Colonization of Healthy Children and Their Mothers With Pathogenic Ciprofloxacin-Resistant Escherichia coli. *Journal of Infectious Diseases*, **2015**, 212, 1862-8	7	39
165	Within-household sharing of a fluoroquinolone-resistant Escherichia coli sequence type ST131 strain causing pediatric osteoarticular infection. *Pediatric Infectious Disease Journal*, **2010**, 29, 473-5	3.4	39

164	Development of polymerase chain reaction-based assays for bacterial gene detection. *Journal of Microbiological Methods*, **2000**, 41, 201-9	2.8	39
163	Complete Genome Sequence of the Epidemic and Highly Virulent CTX-M-15-Producing H30-Rx Subclone of Escherichia coli ST131. *Genome Announcements*, **2013**, 1,		38
162	Extensive Household Outbreak of Urinary Tract Infection and Intestinal Colonization due to Extended-Spectrum β-Lactamase-Producing Escherichia coli Sequence Type 131. *Clinical Infectious Diseases*, **2015**, 61, e5-12	11.6	37
161	Epidemic Emergence in the United States of Escherichia coli Sequence Type 131-30 (ST131-30), 2000 to 2009. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	36
160	Phylogenomic Analysis of Extraintestinal Pathogenic Sequence Type 1193, an Emerging Multidrug-Resistant Clonal Group. *Antimicrobial Agents and Chemotherapy*, **2019**, 63,	5.9	36
159	Virulence factors predict Escherichia coli colonization patterns among human and animal household members. *Annals of Internal Medicine*, **2004**, 140, 848-9	8	35
158	Rapid Emergence, Subsidence, and Molecular Detection of Sequence Type 1193-, a New Disseminated Multidrug-Resistant Commensal and Extraintestinal Pathogen. *Journal of Clinical Microbiology*, **2019**, 57,	9.7	35
157	Diagnostic Errors that Lead to Inappropriate Antimicrobial Use. *Infection Control and Hospital Epidemiology*, **2015**, 36, 949-56	2	34
156	In vitro comparison of nitrofurazone- and silver alloy-coated foley catheters for contact-dependent and diffusible inhibition of urinary tract infection-associated microorganisms. *Antimicrobial Agents and Chemotherapy*, **2012**, 56, 4969-72	5.9	34
155	Spontaneous conversion to quinolone and fluoroquinolone resistance among wild-type Escherichia coli isolates in relation to phylogenetic background and virulence genotype. *Antimicrobial Agents and Chemotherapy*, **2005**, 49, 4739-44	5.9	34
154	Genetic Structure and Antimicrobial Resistance of Escherichia coli and Cryptic Clades in Birds with Diverse Human Associations. *Applied and Environmental Microbiology*, **2015**, 81, 5123-33	4.8	33
153	Temporal trends in antimicrobial resistance and virulence-associated traits within the Escherichia coli sequence type 131 clonal group and its H30 and H30-Rx subclones, 1968 to 2012. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 6886-95	5.9	33
152	Genotypic and phenotypic characterization of Escherichia coli isolates from children with urinary tract infection and from healthy carriers. *Pediatric Infectious Disease Journal*, **2013**, 32, 543-8	3.4	33
151	Virulence genotypes and phylogenetic background of fluoroquinolone-resistant and susceptible Escherichia coli urine isolates from dogs with urinary tract infection. *Veterinary Microbiology*, **2009**, 136, 108-14	3.3	33
150	Identification of CTX-M beta-lactamases in Escherichia coli from hospitalized patients and residents of long-term care facilities. *Diagnostic Microbiology and Infectious Disease*, **2010**, 66, 402-6	2.9	32
149	Internet survey of Foley catheter practices and knowledge among Minnesota nurses. *American Journal of Infection Control*, **2010**, 38, 31-7	3.8	32
148	Epidemiology of Escherichia coli Bacteremia: A Systematic Literature Review. *Clinical Infectious Diseases*, **2021**, 72, 1211-1219	11.6	32
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