

James B Kaper

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235
papers

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h-index

148
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246
ext. papers

24,439
ext. citations

6.7
avg, IF

6.75
L-index

#	Paper	IF	Citations
235	Diarrheagenic Escherichia coli. <i>Clinical Microbiology Reviews</i> , 1998 , 11, 142-201	34	3515
234	Pathogenic Escherichia coli. <i>Nature Reviews Microbiology</i> , 2004 , 2, 123-40	22.2	3006
233	Pathogenicity islands and the evolution of microbes. <i>Annual Review of Microbiology</i> , 2000 , 54, 641-79	17.5	984
232	Bacteria-host communication: the language of hormones. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 8951-6	11.5	663
231	Enteropathogenic and enterohaemorrhagic Escherichia coli: more subversive elements. <i>Molecular Microbiology</i> , 1998 , 30, 911-21	4.1	565
230	The complete sequence of the locus of enterocyte effacement (LEE) from enteropathogenic Escherichia coli E2348/69. <i>Molecular Microbiology</i> , 1998 , 28, 1-4	4.1	525
229	A cloned pathogenicity island from enteropathogenic Escherichia coli confers the attaching and effacing phenotype on E. coli K-12. <i>Molecular Microbiology</i> , 1997 , 23, 399-407	4.1	454
228	The diarrheal response of humans to some classic serotypes of enteropathogenic Escherichia coli is dependent on a plasmid encoding an enteroadhesiveness factor. <i>Journal of Infectious Diseases</i> , 1985 , 152, 550-9	7	404
227	Quorum sensing Escherichia coli regulators B and C (QseBC): a novel two-component regulatory system involved in the regulation of flagella and motility by quorum sensing in E. coli. <i>Molecular Microbiology</i> , 2002 , 43, 809-21	4.1	391
226	Association of genomic O island 122 of Escherichia coli EDL 933 with verocytotoxin-producing Escherichia coli seropathotypes that are linked to epidemic and/or serious disease. <i>Journal of Clinical Microbiology</i> , 2003 , 41, 4930-40	9.7	386
225	Quorum sensing is a global regulatory mechanism in enterohemorrhagic Escherichia coli O157:H7. <i>Journal of Bacteriology</i> , 2001 , 183, 5187-97	3.5	346
224	A bacteriophage encoding a pathogenicity island, a type-IV pilus and a phage receptor in cholera bacteria. <i>Nature</i> , 1999 , 399, 375-9	50.4	335
223	The Per regulon of enteropathogenic Escherichia coli : identification of a regulatory cascade and a novel transcriptional activator, the locus of enterocyte effacement (LEE)-encoded regulator (Ler). <i>Molecular Microbiology</i> , 1999 , 33, 296-306	4.1	330
222	Molecular evolution of a pathogenicity island from enterohemorrhagic Escherichia coli O157:H7. <i>Infection and Immunity</i> , 1998 , 66, 3810-7	3.7	324
221	Vibrio parahaemolyticus and related halophilic Vibrios. <i>CRC Critical Reviews in Microbiology</i> , 1982 , 10, 77-124		322
220	The flagella of enteropathogenic Escherichia coli mediate adherence to epithelial cells. <i>Molecular Microbiology</i> , 2002 , 44, 361-79	4.1	295
219	The locus of enterocyte effacement (LEE)-encoded regulator controls expression of both LEE- and non-LEE-encoded virulence factors in enteropathogenic and enterohemorrhagic Escherichia coli. <i>Infection and Immunity</i> , 2000 , 68, 6115-26	3.7	287

218	Plasmid-mediated adhesion in enteropathogenic Escherichia coli. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1983 , 2, 534-8	2.8	226
217	Interactions between enteropathogenic Escherichia coli and host epithelial cells. <i>Trends in Microbiology</i> , 1997 , 5, 109-14	12.4	203
216	Commensal and pathogenic Escherichia coli use a common pilus adherence factor for epithelial cell colonization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 10637-42	11.5	201
215	Recombinant nontoxigenic Vibrio cholerae strains as attenuated cholera vaccine candidates. <i>Nature</i> , 1984 , 308, 655-8	50.4	183
214	The type III effectors NleE and NleB from enteropathogenic E. coli and OspZ from Shigella block nuclear translocation of NF-kappaB p65. <i>PLoS Pathogens</i> , 2010 , 6, e1000898	7.6	178
213	Adherence of diarrheagenic Escherichia coli strains to epithelial cells. <i>Infection and Immunity</i> , 2005 , 73, 18-29	3.7	165
212	Synergistic role of curli and cellulose in cell adherence and biofilm formation of attaching and effacing Escherichia coli and identification of Fis as a negative regulator of curli. <i>Environmental Microbiology</i> , 2009 , 11, 992-1006	5.2	160
211	Identification and characterization of lpfABCCDDE, a fimbrial operon of enterohemorrhagic Escherichia coli O157:H7. <i>Infection and Immunity</i> , 2002 , 70, 5416-27	3.7	157
210	Role of intimin and bundle-forming pili in enteropathogenic Escherichia coli adhesion to pediatric intestinal tissue in vitro. <i>Infection and Immunity</i> , 1998 , 66, 1570-8	3.7	157
209	Identification of CesT, a chaperone for the type III secretion of Tir in enteropathogenic Escherichia coli. <i>Molecular Microbiology</i> , 1999 , 33, 1176-89	4.1	156
208	EspG, a novel type III system-secreted protein from enteropathogenic Escherichia coli with similarities to VirA of Shigella flexneri. <i>Infection and Immunity</i> , 2001 , 69, 4027-33	3.7	151
207	Quorum-sensing Escherichia coli regulator A: a regulator of the LysR family involved in the regulation of the locus of enterocyte effacement pathogenicity island in enterohemorrhagic E. coli. <i>Infection and Immunity</i> , 2002 , 70, 3085-93	3.7	151
206	Enterohemorrhagic reduce mucus and intermicrovillar bridges in human stem cell-derived colonoids. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2016 , 2, 48-62.e3	7.9	147
205	Conserved sequences in bacterial and viral sialidases. <i>Glycoconjugate Journal</i> , 1989 , 6, 349-53	3	145
204	StcE, a metalloprotease secreted by Escherichia coli O157:H7, specifically cleaves C1 esterase inhibitor. <i>Molecular Microbiology</i> , 2002 , 45, 277-88	4.1	138
203	Multiple elements controlling adherence of enterohemorrhagic Escherichia coli O157:H7 to HeLa cells. <i>Infection and Immunity</i> , 2003 , 71, 4985-95	3.7	136
202	Bacterial cell-to-cell signaling in the gastrointestinal tract. <i>Infection and Immunity</i> , 2005 , 73, 3197-209	3.7	134
201	Randomized, double-blind, placebo-controlled, multicentered trial of the efficacy of a single dose of live oral cholera vaccine CVD 103-HgR in preventing cholera following challenge with Vibrio cholerae O1 El tor inaba three months after vaccination. <i>Infection and Immunity</i> , 1999 , 67, 6341-5	3.7	127

200	Onset and duration of protective immunity in challenged volunteers after vaccination with live oral cholera vaccine CVD 103-HgR. <i>Journal of Infectious Diseases</i> , 1992 , 166, 837-41	7	126
199	espC pathogenicity island of enteropathogenic Escherichia coli encodes an enterotoxin. <i>Infection and Immunity</i> , 2001 , 69, 315-24	3-7	120
198	Cloning and sequence of a region encoding a surface polysaccharide of Vibrio cholerae O139 and characterization of the insertion site in the chromosome of Vibrio cholerae O1. <i>Molecular Microbiology</i> , 1996 , 19, 815-26	4-1	117
197	Activation of enteropathogenic Escherichia coli (EPEC) LEE2 and LEE3 operons by Ler. <i>Molecular Microbiology</i> , 2000 , 38, 781-93	4-1	115
196	Investigation of the roles of toxin-coregulated pili and mannose-sensitive hemagglutinin pili in the pathogenesis of Vibrio cholerae O139 infection. <i>Infection and Immunity</i> , 1998 , 66, 692-5	3-7	115
195	Flagellin of enteropathogenic Escherichia coli stimulates interleukin-8 production in T84 cells. <i>Infection and Immunity</i> , 2003 , 71, 2120-9	3-7	114
194	An activator of glutamate decarboxylase genes regulates the expression of enteropathogenic Escherichia coli virulence genes through control of the plasmid-encoded regulator, Per. <i>Molecular Microbiology</i> , 2001 , 41, 1133-50	4-1	111
193	Analysis of ToxR-dependent transcription activation of ompU, the gene encoding a major envelope protein in Vibrio cholerae. <i>Molecular Microbiology</i> , 1998 , 29, 235-46	4-1	110
192	Intestinal adherence associated with type IV pili of enterohemorrhagic Escherichia coli O157:H7. <i>Journal of Clinical Investigation</i> , 2007 , 117, 3519-29	15-9	102
191	Safety and immunogenicity of different immunization regimens of CVD 103-HgR live oral cholera vaccine in soldiers and civilians in Thailand. <i>Journal of Infectious Diseases</i> , 1992 , 165, 1042-8	7	98
190	EspB and EspD require a specific chaperone for proper secretion from enteropathogenic Escherichia coli. <i>Molecular Microbiology</i> , 1998 , 27, 1247-60	4-1	96
189	Virulence factors in Shiga-like toxin-producing Escherichia coli isolated from humans and cattle. <i>Journal of Infectious Diseases</i> , 1992 , 165, 979-80	7	96
188	Longus: a long pilus ultrastructure produced by human enterotoxigenic Escherichia coli. <i>Molecular Microbiology</i> , 1994 , 12, 71-82	4-1	93
187	Characterization of Escherichia coli strains from cases of childhood diarrhea in provincial southwestern Nigeria. <i>Journal of Clinical Microbiology</i> , 2000 , 38, 7-12	9-7	93
186	Molecular cloning and transcriptional regulation of ompT, a ToxR-repressed gene in Vibrio cholerae. <i>Molecular Microbiology</i> , 2000 , 35, 189-203	4-1	90
185	Enteropathogenic Escherichia coli EspG disrupts microtubules and in conjunction with Orf3 enhances perturbation of the tight junction barrier. <i>Molecular Microbiology</i> , 2005 , 56, 447-64	4-1	89
184	Characterization of Cah, a calcium-binding and heat-extractable autotransporter protein of enterohaemorrhagic Escherichia coli. <i>Molecular Microbiology</i> , 2002 , 45, 951-66	4-1	88
183	Live oral vaccines against cholera: an update. <i>Vaccine</i> , 1993 , 11, 207-12	4-1	87

182	Complete nucleotide sequence and analysis of the locus of enterocyte Effacement from rabbit diarrheagenic Escherichia coli RDEC-1. <i>Infection and Immunity</i> , 2001 , 69, 2107-15	3.7	86
181	Enterohemorrhagic Escherichia coli. <i>Current Opinion in Microbiology</i> , 1998 , 1, 103-8	7.9	84
180	Long polar fimbriae contribute to colonization by Escherichia coli O157:H7 in vivo. <i>Infection and Immunity</i> , 2004 , 72, 6168-71	3.7	82
179	Characterization of the second long polar (LP) fimbriae of Escherichia coli O157:H7 and distribution of LP fimbriae in other pathogenic E. coli strains. <i>FEMS Microbiology Letters</i> , 2004 , 238, 333-44	2.9	82
178	Characterization of the locus of enterocyte effacement (LEE) in different enteropathogenic Escherichia coli (EPEC) and Shiga-toxin producing Escherichia coli (STEC) serotypes. <i>FEMS Microbiology Letters</i> , 1998 , 164, 133-9	2.9	80
177	Identification of a group 1-like capsular polysaccharide operon for Vibrio vulnificus. <i>Infection and Immunity</i> , 2001 , 69, 6893-901	3.7	79
176	Evidence for a Hybrid Genomic Island in Verocytotoxin-Producing Escherichia coli CL3 (Serotype O113:H21) Containing Segments of EDL933 (Serotype O157:H7) O Islands 122 and 48. <i>Infection and Immunity</i> , 2004 , 72, 4330-4330	3.7	78
175	Temporal Expression of Enteropathogenic Escherichia coli Virulence Genes in an In Vitro Model of Infection. <i>Infection and Immunity</i> , 2005 , 73, 2570-2570	3.7	78
174	The ToxR-mediated organic acid tolerance response of Vibrio cholerae requires OmpU. <i>Journal of Bacteriology</i> , 2001 , 183, 2746-54	3.5	77
173	Novel form of actin-based motility transports bacteria on the surfaces of infected cells. <i>Cytoskeleton</i> , 1996 , 34, 279-87		77
172	Role of Shiga toxin versus H7 flagellin in enterohaemorrhagic Escherichia coli signalling of human colon epithelium in vivo. <i>Cellular Microbiology</i> , 2006 , 8, 869-79	3.9	75
171	The cloned locus of enterocyte effacement from enterohemorrhagic Escherichia coli O157:H7 is unable to confer the attaching and effacing phenotype upon E. coli K-12. <i>Infection and Immunity</i> , 1999 , 67, 4260-3	3.7	75
170	An in vivo expression technology screen for Vibrio cholerae genes expressed in human volunteers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 18229-34	11.5	74
169	Characterization of the second long polar (LP) fimbriae of Escherichia coli O157:H7 and distribution of LP fimbriae in other pathogenic E. coli strains. <i>FEMS Microbiology Letters</i> , 2004 , 238, 333-344	2.9	74
168	Comparison of Vibrio cholerae pathogenicity islands in sixth and seventh pandemic strains. <i>Infection and Immunity</i> , 2001 , 69, 1947-52	3.7	71
167	SepL, a protein required for enteropathogenic Escherichia coli type III translocation, interacts with secretion component SepD. <i>Molecular Microbiology</i> , 2004 , 52, 1613-25	4.1	67
166	Contribution of the tdh1 gene of Kanagawa phenomenon-positive Vibrio parahaemolyticus to production of extracellular thermostable direct hemolysin. <i>Microbial Pathogenesis</i> , 1991 , 11, 453-60	3.8	66
165	Morphological studies on fimbriae expressed by Vibrio cholerae 01. <i>Microbial Pathogenesis</i> , 1988 , 4, 257-68		66

164	A gene from the locus of enterocyte effacement that is required for enteropathogenic <i>Escherichia coli</i> to increase tight-junction permeability encodes a chaperone for EspF. <i>Infection and Immunity</i> , 2002 , 70, 2271-7	3.7	64
163	The locus of enterocyte effacement pathogenicity island of Shiga toxin-producing <i>Escherichia coli</i> O157:H7 and other attaching and effacing <i>E. coli</i> . <i>Japanese Journal of Medical Science and Biology</i> , 1998 , 51 Suppl, S101-7		63
162	Temporal expression of enteropathogenic <i>Escherichia coli</i> virulence genes in an in vitro model of infection. <i>Infection and Immunity</i> , 2005 , 73, 1034-43	3.7	61
161	Longus pilus of enterotoxigenic <i>Escherichia coli</i> and its relatedness to other type-4 pili--a minireview. <i>Gene</i> , 1997 , 192, 39-43	3.8	60
160	Effects of DNase production, plasmid size, and restriction barriers on transformation of <i>Vibrio cholerae</i> by electroporation and osmotic shock. <i>FEMS Microbiology Letters</i> , 1990 , 56, 149-54	2.9	60
159	Hfq affects the expression of the LEE pathogenicity island in enterohaemorrhagic <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2009 , 73, 446-65	4.1	59
158	SepZ/EspZ is secreted and translocated into HeLa cells by the enteropathogenic <i>Escherichia coli</i> type III secretion system. <i>Infection and Immunity</i> , 2005 , 73, 4327-37	3.7	59
157	The <i>Escherichia coli</i> common pilus and the bundle-forming pilus act in concert during the formation of localized adherence by enteropathogenic <i>E. coli</i> . <i>Journal of Bacteriology</i> , 2009 , 191, 3451-61	3.5	58
156	Etiology of acute diarrhea in adults in southwestern Nigeria. <i>Journal of Clinical Microbiology</i> , 2003 , 41, 4525-30	9.7	57
155	The <i>Escherichia coli</i> phosphotyrosine proteome relates to core pathways and virulence. <i>PLoS Pathogens</i> , 2013 , 9, e1003403	7.6	56
154	The ex vivo response of human intestinal mucosa to enteropathogenic <i>Escherichia coli</i> infection. <i>Cellular Microbiology</i> , 2009 , 11, 521-30	3.9	49
153	Shiga toxin binding in normal and inflamed human intestinal mucosa. <i>Microbes and Infection</i> , 2007 , 9, 35-9	9.3	49
152	The Concept of Pathogenicity Islands1-11		49
151	Genomic diversity of EPEC associated with clinical presentations of differing severity. <i>Nature Microbiology</i> , 2016 , 1, 15014	26.6	48
150	<i>Vibrio cholerae</i> flagellins induce Toll-like receptor 5-mediated interleukin-8 production through mitogen-activated protein kinase and NF-kappaB activation. <i>Infection and Immunity</i> , 2008 , 76, 5524-34	3.7	47
149	Determination of spatial and temporal colonization of enteropathogenic <i>E. coli</i> and enterohemorrhagic <i>E. coli</i> in mice using bioluminescent in vivo imaging. <i>Gut Microbes</i> , 2011 , 2, 34-41	8.8	45
148	Calcium-dependent intestinal chloride secretion by <i>Vibrio parahaemolyticus</i> thermostable direct hemolysin in a rabbit model. <i>Gastroenterology</i> , 1995 , 109, 381-6	13.3	45
147	Overview and Historical Perspectives. <i>Microbiology Spectrum</i> , 2014 , 2,	8.9	44

146	Fitness cost of the green fluorescent protein in gastrointestinal bacteria. <i>Canadian Journal of Microbiology</i> , 2003 , 49, 531-7	3.2	44
145	Simultaneous expression of CFA/I and CS3 colonization factor antigens of enterotoxigenic <i>Escherichia coli</i> by delta aroC, delta aroD <i>Salmonella typhi</i> vaccine strain CVD 908. <i>Vaccine</i> , 1995 , 13, 939-46	4.1	43
144	A novel locus of enterocyte effacement (LEE) pathogenicity island inserted at pheV in bovine Shiga toxin-producing <i>Escherichia coli</i> strain O103:H2. <i>FEMS Microbiology Letters</i> , 2001 , 204, 75-9	2.9	42
143	Volunteer studies investigating the safety and efficacy of live oral El Tor <i>Vibrio cholerae</i> O1 vaccine strain CVD 111. <i>American Journal of Tropical Medicine and Hygiene</i> , 1997 , 56, 533-7	3.2	42
142	Long polar fimbriae and tissue tropism in <i>Escherichia coli</i> O157:H7. <i>Microbes and Infection</i> , 2006 , 8, 1741-9	3.3	41
141	The <i>Escherichia coli</i> ycbQRST operon encodes fimbriae with laminin-binding and epithelial cell adherence properties in Shiga-toxigenic <i>E. coli</i> O157:H7. <i>Environmental Microbiology</i> , 2009 , 11, 1815-26	5.2	40
140	The N-terminus of enteropathogenic <i>Escherichia coli</i> (EPEC) Tir mediates transport across bacterial and eukaryotic cell membranes. <i>Molecular Microbiology</i> , 2002 , 46, 855-68	4.1	40
139	Post-transcriptional processing of the LEE4 operon in enterohaemorrhagic <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2009 , 71, 273-90	4.1	38
138	Role of type 1 fimbriae in EPEC infections. <i>Microbial Pathogenesis</i> , 1997 , 23, 113-8	3.8	38
137	Insertion site of the locus of enterocyte effacement in enteropathogenic and enterohemorrhagic <i>Escherichia coli</i> differs in relation to the clonal phylogeny of the strains. <i>FEMS Microbiology Letters</i> , 1997 , 156, 49-53	2.9	38
136	PaxVax CVD 103-HgR single-dose live oral cholera vaccine. <i>Expert Review of Vaccines</i> , 2017 , 16, 197-213	5.2	37
135	ToxR interferes with CRP-dependent transcriptional activation of ompT in <i>Vibrio cholerae</i> . <i>Molecular Microbiology</i> , 2002 , 43, 1577-89	4.1	37
134	Identification and characterization of the locus for diffuse adherence, which encodes a novel afimbrial adhesin found in atypical enteropathogenic <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 2005 , 73, 4753-65	3.7	35
133	Enteropathogenic <i>Escherichia coli</i> O125:H6 triggers attaching and effacing lesions on human intestinal biopsy specimens independently of Nck and TccP/TccP2. <i>Infection and Immunity</i> , 2008 , 76, 3613-8	3.7	34
132	A Recombinant Live Oral Cholera Vaccine. <i>Nature Biotechnology</i> , 1984 , 2, 345-349	44.5	34
131	Evidence for a hybrid genomic island in verocytotoxin-producing <i>Escherichia coli</i> CL3 (serotype O113:H21) containing segments of EDL933 (serotype O157:H7) O islands 122 and 48. <i>Infection and Immunity</i> , 2004 , 72, 1496-503	3.7	32
130	Antibodies to intimin and <i>Escherichia coli</i> secreted proteins A and B in patients with enterohemorrhagic <i>Escherichia coli</i> infections. <i>Pediatric Nephrology</i> , 2002 , 17, 201-11	3.2	32
129	Comparative sequence analysis of the plasmid-encoded regulator of enteropathogenic <i>Escherichia coli</i> strains. <i>Infection and Immunity</i> , 2001 , 69, 5553-64	3.7	32

128	Enteropathogenic Escherichia coli virulence genes encoding secreted signalling proteins are essential for modulation of Caco-2 cell electrolyte transport. <i>Infection and Immunity</i> , 1998 , 66, 6049-53	3.7	31
127	Urease of enterohemorrhagic Escherichia coli: evidence for regulation by fur and a trans-acting factor. <i>Infection and Immunity</i> , 2002 , 70, 1027-31	3.7	30
126	The presence of the pAA plasmid in the German O104:H4 Shiga toxin type 2a (Stx2a)-producing enteroaggregative Escherichia coli strain promotes the translocation of Stx2a across an epithelial cell monolayer. <i>Journal of Infectious Diseases</i> , 2014 , 210, 1909-19	7	29
125	The continuing evolution of a bacterial pathogen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 4535-6	11.5	29
124	Attaching and effacing of host cells by enteropathogenic Escherichia coli in the absence of detectable tyrosine kinase mediated signal transduction. <i>Microbial Pathogenesis</i> , 1996 , 21, 157-71	3.8	29
123	Nucleotide sequence analysis of the enteropathogenic Escherichia coli adherence factor plasmid pMAR7. <i>Infection and Immunity</i> , 2006 , 74, 5408-13	3.7	28
122	Cloning and sequencing of the genes downstream of the wbf gene cluster of Vibrio cholerae serogroup O139 and analysis of the junction genes in other serogroups. <i>Infection and Immunity</i> , 1999 , 67, 5033-40	3.7	28
121	Towards a vaccine for attaching/effacing Escherichia coli: a LEE encoded regulator (ler) mutant of rabbit enteropathogenic Escherichia coli is attenuated, immunogenic, and protects rabbits from lethal challenge with the wild-type virulent strain. <i>Vaccine</i> , 2006 , 24, 3845-55	4.1	27
120	Age-specific frequencies of antibodies to Escherichia coli verocytotoxins (Shiga toxins) 1 and 2 among urban and rural populations in southern Ontario. <i>Journal of Infectious Diseases</i> , 2003 , 188, 1724-9	7	27
119	The LysR-type transcriptional regulator QseD alters type three secretion in enterohemorrhagic Escherichia coli and motility in K-12 Escherichia coli. <i>Journal of Bacteriology</i> , 2010 , 192, 3699-712	3.5	26
118	Effect on human cells of environmental Vibrio parahaemolyticus strains carrying type III secretion system 2. <i>Infection and Immunity</i> , 2010 , 78, 3280-7	3.7	26
117	The lpf gene cluster for long polar fimbriae is not involved in adherence of enteropathogenic Escherichia coli or virulence of Citrobacter rodentium. <i>Infection and Immunity</i> , 2006 , 74, 265-72	3.7	26
116	Genetic diversity of the gene cluster encoding longus, a type IV pilus of enterotoxigenic Escherichia coli. <i>Journal of Bacteriology</i> , 2007 , 189, 9145-9	3.5	26
115	Diarrheagenic Escherichia coli. <i>Clinical Microbiology Reviews</i> , 1998 , 11, 403-403	34	26
114	Numerical taxonomy of Klebsiella pneumoniae strains isolated from clinical and nonclinical sources. <i>Current Microbiology</i> , 1979 , 2, 175-180	2.4	26
113	Induction of interleukin-8 in T84 cells by Vibrio cholerae. <i>Infection and Immunity</i> , 2004 , 72, 389-97	3.7	25
112	Use of stabilized luciferase-expressing plasmids to examine in vivo-induced promoters in the Vibrio cholerae vaccine strain CVD 103-HgR. <i>FEMS Immunology and Medical Microbiology</i> , 2009 , 57, 69-79		24
111	Identification of lngA, the structural gene of longus type IV pilus of enterotoxigenic Escherichia coli. <i>Microbiology (United Kingdom)</i> , 1999 , 145 (Pt 7), 1809-1816	2.9	24

110	Genetics of virulence of enteropathogenic E. coli. <i>Advances in Experimental Medicine and Biology</i> , 1997 , 412, 279-87	3.6	23
109	Comparative Genomics Provides Insight into the Diversity of the Attaching and Effacing Escherichia coli Virulence Plasmids. <i>Infection and Immunity</i> , 2015 , 83, 4103-17	3.7	22
108	Serological response to type 1-like somatic fimbriae in diarrheal infection due to classical enteropathogenic Escherichia coli. <i>Microbial Pathogenesis</i> , 1987 , 2, 425-34	3.8	22
107	Coordinate Regulation of Virulence in Bordetella pertussis Mediated by the vir (bvg) Locus407-422		22
106	Toxins of Vibrio cholerae143-176		21
105	Chromosomal and plasmid-encoded factors of Shigella flexneri induce secretogenic activity ex vivo. <i>PLoS ONE</i> , 2012 , 7, e49980	3.7	20
104	Two stages of enteropathogenic Escherichia coli intestinal pathogenicity are up and down-regulated by the epithelial cell differentiation. <i>Differentiation</i> , 1995 , 59, 127-34	3.5	20
103	Pathogenicity Islands and Other Mobile Genetic Elements of Diarrheagenic Escherichia coli33-58		20
102	RNA-Seq analysis of isolate- and growth phase-specific differences in the global transcriptomes of enteropathogenic Escherichia coli prototype isolates. <i>Frontiers in Microbiology</i> , 2015 , 6, 569	5.7	19
101	Transcriptional responses of intestinal epithelial cells to infection with Vibrio cholerae. <i>Infection and Immunity</i> , 2004 , 72, 4240-8	3.7	19
100	Functional analysis of the enteropathogenic Escherichia coli type III secretion system chaperone CesT identifies domains that mediate substrate interactions. <i>Molecular Microbiology</i> , 2002 , 43, 61-73	4.1	19
99	Pathogenicity Islands of Extraintestinal Escherichia coli 2014 , 59-76		18
98	Escherichia, Shigella, and Salmonella685-713		18
97	The ribosome binding site of a mini-ORF protects a T3SS mRNA from degradation by RNase E. <i>Molecular Microbiology</i> , 2012 , 86, 1167-82	4.1	17
96	In vivo bioluminescence imaging of Escherichia coli O104:H4 and role of aerobactin during colonization of a mouse model of infection. <i>BMC Microbiology</i> , 2012 , 12, 112	4.5	17
95	Serine protease EspP from enterohemorrhagic Escherichia coli is sufficient to induce shiga toxin macropinocytosis in intestinal epithelium. <i>PLoS ONE</i> , 2013 , 8, e69196	3.7	17
94	Molecular and ultrastructural characterisation of EspA from different enteropathogenic Escherichia coli serotypes. <i>FEMS Microbiology Letters</i> , 1998 , 169, 73-80	2.9	17
93	Identification and characterization of "pathoadaptive mutations" of the cadBA operon in several intestinal Escherichia coli. <i>International Journal of Medical Microbiology</i> , 2006 , 296, 547-52	3.7	17

92	Progress towards a vaccine against enterotoxigenic Escherichia coli. <i>Vaccine</i> , 1988 , 6, 197-9	4.1	17
91	Molecular Pathogenesis of Enteropathogenic Escherichia coli		173-195
90	H-NST induces LEE expression and the formation of attaching and effacing lesions in enterohemorrhagic Escherichia coli. <i>PLoS ONE</i> , 2014 , 9, e86618	3.7	16
89	The hrp Cluster of Pseudomonas syringae: a Pathogenicity Island Encoding a Type III Protein Translocation Complex?		309-329
88	Cellular Biology of Listeria monocytogenes Infection		279-293
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