Eric Oswald

List of Publications by Year
in descending order

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151 papers	10,487 citations	31976 53 h-index	37204 96 g-index
159 all docs	159 docs citations	159 times ranked	8240 citing authors

#	Article	IF	Citations
1	Wild Boars as Reservoir of Highly Virulent Clone of Hybrid Shiga Toxigenic and Enterotoxigenic Escherichia coli Responsible for Edema Disease, France. Emerging Infectious Diseases, 2022, 28, 382-393.	4.3	7
2	Two Polyketides Intertwined in Complex Regulation: Posttranscriptional CsrA-Mediated Control of Colibactin and Yersiniabactin Synthesis in Escherichia coli. MBio, 2022, 13, e0381421.	4.1	9
3	Global population structure of the Serratia marcescens complex and identification of hospital-adapted lineages in the complex. Microbial Genomics, 2022, 8, .	2.0	8
4	Outer membrane vesicles produced by pathogenic strains of Escherichia coli block autophagic flux and exacerbate inflammasome activation. Autophagy, 2022, 18, 2913-2925.	9.1	20
5	The pks island: a bacterial Swiss army knife? Colibactin: beyond DNA damage and cancer. Trends in Microbiology, 2022, 30, 1146-1159.	7.7	9
6	Increased Mucosal Thrombin is Associated with Crohnâ€™s Disease and Causes Inflammatory Damage through Protease-activated Receptors Activation. Journal of Crohn's and Colitis, 2021, 15, 787-799.	1.3	19
7	Bacteria-derived long chain fatty acid exhibits anti-inflammatory properties in colitis. Gut, 2021, 70, 1088-1097.	12.1	105
8	Uropathogenic E. coli induces DNA damage in the bladder. PLoS Pathogens, 2021, 17, e1009310.	4.7	18
9	Insights into the acquisition of the pks island and production of colibactin in the Escherichia coli population. Microbial Genomics, 2021, 7, .	2.0	18
10	Insights into evolution and coexistence of the colibactin- and yersiniabactin secondary metabolite determinants in enterobacterial populations. Microbial Genomics, 2021, 7, .	2.0	13
11	A Toxic Friend: Genotoxic and Mutagenic Activity of the Probiotic Strain Escherichia coli Nissle 1917. MSphere, 2021, 6, e0062421.	2.9	41
12	Tackling the Threat of Cancer Due to Pathobionts Producing Colibactin: Is Mesalamine the Magic Bullet?. Toxins, 2021, 13, 897.	3.4	4
13	Reply to Dubbert and von BÃ¼nau, â€œA Probiotic Friendâ€• MSphere, 2021, 6, e0090621.	2.9	2
14	The Genotoxin Colibactin Shapes Gut Microbiota in Mice. MSphere, 2020, 5, .	2.9	34
15	Evolution of Gut Microbiome and Metabolome in Suspected Necrotizing Enterocolitis: A Case-Control Study. Journal of Clinical Medicine, 2020, 9, 2278.	2.4	16
16	Siderophore-Microcins in Escherichia coli: Determinants of Digestive Colonization, the First Step Toward Virulence. Frontiers in Cellular and Infection Microbiology, 2020, 10, 381.	3.9	24
17	In vitro activity of 20 antibiotics against Cupriavidus clinical strains. Journal of Antimicrobial Chemotherapy, 2020, 75, 1654-1658.	3.0	11
18	The synergistic triad between microcin, colibactin, and salmochelin gene clusters in uropathogenic Escherichia coli. Microbes and Infection, 2020, 22, 144-147.	1.9	13

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19	ClbR Is the Key Transcriptional Activator of Colibactin Gene Expression in Escherichia coli. MSphere, 2020, 5, .	2.9	19
20	The Polyphosphate Kinase of Escherichia coli Is Required for Full Production of the Genotoxin Colibactin. MSphere, 2020, 5, .	2.9	28
21	Active thrombin produced by the intestinal epithelium controls mucosal biofilms. Nature Communications, 2019, 10, 3224.	12.8	39
22	Large-scale genome analysis of bovine commensal Escherichia coli reveals that bovine-adapted E. coli lineages are serving as evolutionary sources of the emergence of human intestinal pathogenic strains. Genome Research, 2019, 29, 1495-1505.	5.5	39
23	Deciphering the interplay between the genotoxic and probiotic activities of Escherichia coli Nissle 1917. PLoS Pathogens, 2019, 15, e1008029.	4.7	66
24	The Escherichia coli colibactin resistance protein ClbS is a novel DNA binding protein that protects DNA from nucleolytic degradation. DNA Repair, 2019, 79, 50-54.	2.8	11
25	The Polyamine Spermidine Modulates the Production of the Bacterial Genotoxin Colibactin. MSphere, 2019, 4, .	2.9	22
26	In vitroactivity of seven Î²-lactams including ceftolozane/tazobactam and ceftazidime/avibactam againstBurkholderia cepaciacomplex,Burkholderia gladioliand other non-fermentative Gram-negative bacilli isolated from cystic fibrosis patients. Journal of Antimicrobial Chemotherapy, 2019, 74, 525-528.	3.0	20
27	Mixing of Shiga toxin-producing and enteropathogenic Escherichia coli in a wastewater treatment plant receiving city and slaughterhouse wastewater. International Journal of Hygiene and Environmental Health, 2018, 221, 355-363.	4.3	9
28	Antimicrobial Resistance Profiles of Enterohemorrhagic and EnteropathogenicEscherichia coliof Serotypes O157:H7, O26:H11, O103:H2, O111:H8, O145:H28 Compared toEscherichia coliIsolated from the Same Adult Cattle. Microbial Drug Resistance, 2018, 24, 852-859.	2.0	11
29	The Colibactin Genotoxin Generates DNA Interstrand Cross-Links in Infected Cells. MBio, 2018, 9, .	4.1	153
30	The probiotic strain Escherichia coli Nissle 1917 prevents papain-induced respiratory barrier injury and severe allergic inflammation in mice. Scientific Reports, 2018, 8, 11245.	3.3	18
31	Quantification of Colibactin-associated Genotoxicity in HeLa Cells by In Cell Western (ICW) Using Î³-H2AX as a Marker. Bio-protocol, 2018, 8, e2771.	0.4	5
32	Locoregional Effects of Microbiota in a Preclinical Model of Colon Carcinogenesis. Cancer Research, 2017, 77, 2620-2632.	0.9	195
33	The Food Contaminant Deoxynivalenol Exacerbates the Genotoxicity of Gut Microbiota. MBio, 2017, 8, .	4.1	60
34	Interplay between siderophores and colibactin genotoxin in Escherichia coli. IUBMB Life, 2017, 69, 435-441.	3.4	29
35	Hepcidin upregulation by inflammation is independent of Smad1/5/8 signaling by activin B. Blood, 2017, 129, 533-536.	1.4	36
36	Identification of an analgesic lipopeptide produced by the probiotic Escherichia coli strain Nissle 1917. Nature Communications, 2017, 8, 1314.	12.8	86

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37	High iron supply inhibits the synthesis of the genotoxin colibactin by pathogenic Escherichia coli through a non-canonical Fur/RyhB-mediated pathway. Pathogens and Disease, 2017, 75, .	2.0	20
38	Inhibitors of retrograde trafficking active against ricin and Shiga toxins also protect cells from several viruses, Leishmania and Chlamydiales. Chemico-Biological Interactions, 2017, 267, 96-103.	4.0	25
39	Oral Administration of the Probiotic Strain Escherichia coli Nissle 1917 Reduces Susceptibility to Neuroinflammation and Repairs Experimental Autoimmune Encephalomyelitis-Induced Intestinal Barrier Dysfunction. Frontiers in Immunology, 2017, 8, 1096.	4.8	100
40	Protocol for HeLa Cells Infection with Escherichia coli Strains Producing Colibactin and Quantification of the Induced DNA-damage. Bio-protocol, 2017, 7, e2520.	0.4	8
41	Pathoadaptive Mutations of Escherichia coli K1 in Experimental Neonatal Systemic Infection. PLoS ONE, 2016, 11, e0166793.	2.5	8
42	Evidence for ILâ€6/STAT3â€independent induction of lipocalinâ€2 in the liver of mice infected with Escherichia coli. Hepatology, 2016, 63, 673-674.	7.3	2
43	MATE transport of the E. coli-derived genotoxin colibactin. Nature Microbiology, 2016, 1, 15009.	13.3	71
44	The Enterobacterial Genotoxins: Cytolethal Distending Toxin and Colibactin. EcoSal Plus, 2016, 7, .	5.4	86
45	An epidemiologically successful Escherichia coli sequence type modulates Plasmodium falciparum infection in the mosquito midgut. Infection, Genetics and Evolution, 2016, 43, 22-30.	2.3	11
46	Characterization of Ciprofloxacin-Resistant and Ciprofloxacin-Susceptible Uropathogenic Escherichia coli Obtained from Patients with Gynecological Cancer. Current Microbiology, 2016, 73, 624-632.	2.2	2
47	Early settlers: whichE. colistrains do you not want at birth?. American Journal of Physiology - Renal Physiology, 2016, 311, G123-G129.	3.4	45
48	Iron Homeostasis Regulates the Genotoxicity of Escherichia coli That Produces Colibactin. Infection and Immunity, 2016, 84, 3358-3368.	2.2	57
49	Dominant plasmids carrying extendedâ€spectrum Î²â€lactamases bla_{CTXâ€M} genes in genetically diverse Escherichia coli from slaughterhouse and urban wastewaters. Environmental Microbiology Reports, 2016, 8, 789-797.	2.4	6
50	The Bacterial Stress-Responsive Hsp90 Chaperone (HtpG) Is Required for the Production of the Genotoxin Colibactin and the Siderophore Yersiniabactin inEscherichia coli. Journal of Infectious Diseases, 2016, 214, 916-924.	4.0	51
51	Escherichia coliâ€...ClbS is a colibactin resistance protein. Molecular Microbiology, 2016, 99, 897-908.	2.5	49
52	Small-molecule inhibitors prevent the genotoxic and protumoural effects induced by colibactin-producing bacteria. Gut, 2016, 65, 278-285.	12.1	67
53	Comparison of the incidence of pathogenic and antibiotic-resistant Escherichia coli strains in adult cattle and veal calf slaughterhouse effluents highlighted different risks for public health. Water Research, 2016, 88, 30-38.	11.3	29
54	HlyF Produced by Extraintestinal PathogenicEscherichia coliIs a Virulence Factor That Regulates Outer Membrane Vesicle Biogenesis. Journal of Infectious Diseases, 2016, 213, 856-865.	4.0	51

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55	Divergent Evolution of the repFII Replicon of IncF Plasmids Carrying Cytotoxic Necrotizing Factor cnf2 , Cytolethal Distending Toxin cdtIII , and f17Ae Fimbrial Variant Genes in Type 2 Necrotoxigenic Escherichia coli Isolates from Calves. Applied and Environmental Microbiology, 2016, 82, 510-517.	3.1	2
56	Characterization of carbapenem resistance mechanisms and integrons in Pseudomonas aeruginosa strains from blood samples in a French hospital. Journal of Medical Microbiology, 2016, 65, 311-319.	1.8	29
57	Hepcidin Upregulation By Inflammation Is Not Causally Related to Liver Activation of Smad1/5/8 Signaling By Activin B. Blood, 2016, 128, 262-262.	1.4	4
58	DNA Inversion Regulates Outer Membrane Vesicle Production in Bacteroides fragilis. PLoS ONE, 2016, 11, e0148887.	2.5	20
59	Cytolethal distending toxin A, B and C subunit proteins are necessary for the genotoxic effect of Escherichia coli CDT-V. Acta Veterinaria Hungarica, 2015, 63, 1-10.	0.5	8
60	The Genotoxin Colibactin Is a Determinant of Virulence in Escherichia coli K1 Experimental Neonatal Systemic Infection. Infection and Immunity, 2015, 83, 3704-3711.	2.2	69
61	Prevalence of Carriage of Shiga Toxin-Producing Escherichia coli Serotypes O157:H7, O26:H11, O103:H2, O111:H8, and O145:H28 among Slaughtered Adult Cattle in France. Applied and Environmental Microbiology, 2015, 81, 1397-1405.	3.1	42
62	Oral Tolerance Failure upon Neonatal Gut Colonization with Escherichia coli Producing the Genotoxin Colibactin. Infection and Immunity, 2015, 83, 2420-2429.	2.2	29
63	Diversity of Shiga Toxin-Producing Escherichia coli (STEC) O26:H11 Strains Examined via stx Subtypes and Insertion Sites of Stx and EspK Bacteriophages. Applied and Environmental Microbiology, 2015, 81, 3712-3721.	3.1	47
64	Maternally acquired genotoxicEscherichia colialters offspringâ€™s intestinal homeostasis. Gut Microbes, 2014, 5, 313-512.	9.8	72
65	Assessment of Adhesins as an Indicator of Pathovar-Associated Virulence Factors in Bovine Escherichia coli. Applied and Environmental Microbiology, 2014, 80, 7230-7234.	3.1	14
66	The Genotoxin Colibactin Exacerbates Lymphopenia and Decreases Survival Rate in Mice Infected With Septicemic Escherichia coli. Journal of Infectious Diseases, 2014, 210, 285-294.	4.0	67
67	Intimin Gene (eae) Subtype-Based Real-Time PCR Strategy for Specific Detection of Shiga Toxin-Producing Escherichia coli Serotypes O157:H7, O26:H11, O103:H2, O111:H8, and O145:H28 in Cattle Feces. Applied and Environmental Microbiology, 2014, 80, 1177-1184.	3.1	24
68	Slaughterhouse effluent discharges into rivers not responsible for environmental occurrence of enteroaggregative Escherichia coli. Veterinary Microbiology, 2014, 168, 451-454.	1.9	8
69	Persistence and prevalence of pathogenic and extended-spectrum beta-lactamase-producing Escherichia coli in municipal wastewater treatment plant receiving slaughterhouse wastewater. Water Research, 2013, 47, 4719-4729.	11.3	45
70	Interplay between Siderophores and Colibactin Genotoxin Biosynthetic Pathways in Escherichia coli. PLoS Pathogens, 2013, 9, e1003437.	4.7	102
71	Identification of Clinical Streptococcus pneumoniae Isolates among other Alpha and Nonhemolytic Streptococci by Use of the Vitek MS Matrix-Assisted Laser Desorption Ionizationâ€“Time of Flight Mass Spectrometry System. Journal of Clinical Microbiology, 2013, 51, 1861-1867.	3.9	56
72	Escherichia coli Producing Colibactin Triggers Premature and Transmissible Senescence in Mammalian Cells. PLoS ONE, 2013, 8, e77157.	2.5	107

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73	The Carbon Storage Regulator (Csr) System Exerts a Nutrient-Specific Control over Central Metabolism in Escherichia coli Strain Nissle 1917. PLoS ONE, 2013, 8, e66386.	2.5	57
74	Performances of the Vitek MS Matrix-Assisted Laser Desorption Ionizationâ€“Time of Flight Mass Spectrometry System for Rapid Identification of Bacteria in Routine Clinical Microbiology. Journal of Clinical Microbiology, 2012, 50, 2568-2576.	3.9	119
75	CTX-M-15 Extended-Spectrum Î²-Lactamase in a Shiga Toxin-Producing Escherichia coli Isolate of Serotype O111:H8. Applied and Environmental Microbiology, 2012, 78, 1308-1309.	3.1	33
76	Genotoxicity of Escherichia coli Nissle 1917 strain cannot be dissociated from its probiotic activity. Gut Microbes, 2012, 3, 501-509.	9.8	125
77	The molecular basis of ubiquitin-like protein NEDD8 deamidation by the bacterial effector protein Cif. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1830-E1838.	7.1	28
78	Diagnostic Strategy for Identifying Avian Pathogenic Escherichia coli Based on Four Patterns of Virulence Genes. Journal of Clinical Microbiology, 2012, 50, 1673-1678.	3.9	136
79	Escherichia coli strains with the capacity for long-term persistence in the bowel microbiota carry the potentially genotoxic pks island. Microbial Pathogenesis, 2012, 53, 180-182.	2.9	82
80	French cattle is not a reservoir of the highly virulent enteroaggregative Shiga toxin-producing Escherichia coli of serotype O104:H4. Veterinary Microbiology, 2012, 158, 443-445.	1.9	33
81	Acute Escherichia coli Prostatitis in Previously Health Young Men: Bacterial Virulence Factors, Antimicrobial Resistance, and Clinical Outcomes. Urology, 2011, 77, 1420-1425.	1.0	47
82	Animal and human pathogenic Escherichia coli strains share common genetic backgrounds. Infection, Genetics and Evolution, 2011, 11, 654-662.	2.3	169
83	ClbP Is a Prototype of a Peptidase Subgroup Involved in Biosynthesis of Nonribosomal Peptides. Journal of Biological Chemistry, 2011, 286, 35562-35570.	3.4	90
84	Cycle Inhibiting Factors (Cifs): Cyclomodulins That Usurp the Ubiquitin-Dependent Degradation Pathway of Host Cells. Toxins, 2011, 3, 356-368.	3.4	41
85	Virulence genotyping of Escherichia coli isolates from avian cellulitis in relation to phylogeny. Comparative Clinical Pathology, 2010, 19, 147-153.	0.7	10
86	The cyclomodulin Cif of Photorhabdus luminescens inhibits insect cell proliferation and triggers host cell death by apoptosis. Microbes and Infection, 2010, 12, 1208-1218.	1.9	9
87	Cyclomodulins in Urosepsis Strains of Escherichia coli. Journal of Clinical Microbiology, 2010, 48, 2122-2129.	3.9	64
88	Escherichia coli induces DNA damage in vivo and triggers genomic instability in mammalian cells. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11537-11542.	7.1	671
89	Pathogenic Bacteria Target NEDD8-Conjugated Cullins to Hijack Host-Cell Signaling Pathways. PLoS Pathogens, 2010, 6, e1001128.	4.7	66
90	Pathogenomic comparison of human extraintestinal and avian pathogenic Escherichia coli â€“ Search for factors involved in host specificity or zoonotic potential. Microbial Pathogenesis, 2010, 49, 105-115.	2.9	48

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91	Phylogenetic distribution of virulence genes in Escherichia coli isolated from bovine mastitis in Iran. Research in Veterinary Science, 2010, 88, 6-10.	1.9	32
92	Crystal Structures of Cif from Bacterial Pathogens Photorhabdus luminescens and Burkholderia pseudomallei. PLoS ONE, 2009, 4, e5582.	2.5	28
93	Genetic Structure and Distribution of the Colibactin Genomic Island among Members of the Family Enterobacteriaceae. Infection and Immunity, 2009, 77, 4696-4703.	2.2	273
94	The Enteropathogenic Escherichia coli Effector Cif Induces Delayed Apoptosis in Epithelial Cells. Infection and Immunity, 2009, 77, 5471-5477.	2.2	59
95	Cif type III effector protein: a smart hijacker of the host cell cycle. Future Microbiology, 2009, 4, 867-877.	2.0	10
96	Cytolethal Distending Toxin Type I and Type IV Genes Are Framed with Lambdoid Prophage Genes in Extraintestinal Pathogenic Escherichia coli. Infection and Immunity, 2009, 77, 492-500.	2.2	44
97	Characteristics and virulence genes of Escherichia coli isolated from septicemic calves in southeast of Iran. Tropical Animal Health and Production, 2009, 41, 1091-1099.	1.4	21
98	Cycle Inhibiting Factors (CIFs) Are a Growing Family of Functional Cyclomodulins Present in Invertebrate and Mammal Bacterial Pathogens. PLoS ONE, 2009, 4, e4855.	2.5	50
99	Pathogenomics: An updated European Research Agenda. Infection, Genetics and Evolution, 2008, 8, 386-393.	2.3	8
100	Bacterial cyclomodulin Cif blocks the host cell cycle by stabilizing the cyclin-dependent kinase inhibitors p21^{waf1}and p27^{kip1}. Cellular Microbiology, 2008, 10, 2496-2508.	2.1	72
101	Structure of the Cyclomodulin Cif from Pathogenic Escherichia coli. Journal of Molecular Biology, 2008, 384, 465-477.	4.2	45
102	EspF Interacts with Nucleation-Promoting Factors To Recruit Junctional Proteins into Pedestals for Pedestal Maturation and Disruption of Paracellular Permeability. Infection and Immunity, 2008, 76, 3854-3868.	2.2	72
103	Distribution, Functional Expression, and Genetic Organization of Cif, a Phage-Encoded Type III-Secreted Effector from Enteropathogenic and Enterohemorrhagic Escherichia coli. Journal of Bacteriology, 2008, 190, 275-285.	2.2	29
104	Molecular Epidemiology and Phylogenetic Distribution of the Escherichia coli pks Genomic Island. Journal of Clinical Microbiology, 2008, 46, 3906-3911.	3.9	157
105	Expression analysis of the colibactin gene cluster coding for a novel polyketide inEscherichia coli. FEMS Microbiology Letters, 2007, 275, 255-262.	1.8	86
106	Escherichia coli Induces DNA Double-Strand Breaks in Eukaryotic Cells. Science, 2006, 313, 848-851.	12.6	886
107	Concert of regulators to switch on LEE expression in enterohemorrhagic Escherichia coli O157:H7: Interplay between Ler, GrlA, HNS and RpoS. International Journal of Medical Microbiology, 2006, 296, 197-210.	3.6	74
108	Escherichia coli cyclomodulin Cif induces G2arrest of the host cell cycle without activation of the DNA-damage checkpoint-signalling pathway. Cellular Microbiology, 2006, 8, 1910-1921.	2.1	72

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109	Expression of P, S, and F1C adhesins by cytotoxic necrotizing factor 1-producing Escherichia coli from septicemic and diarrheic pigs. FEMS Microbiology Letters, 2006, 152, 307-312.	1.8	33
110	Serotypes and intimin types of intestinal and faecal strains of eae+ Escherichia coli from weaned pigs. Veterinary Microbiology, 2006, 114, 82-93.	1.9	26
111	Biogenesis of the Actinobacillus actinomycetemcomitans Cytolethal Distending Toxin Holotoxin. Infection and Immunity, 2006, 74, 3480-3487.	2.2	33
112	Common Virulence Factors and Genetic Relationships between O18:K1:H7 Escherichia coli Isolates of Human and Avian Origin. Journal of Clinical Microbiology, 2006, 44, 3484-3492.	3.9	159
113	Characterization of Shiga Toxin Gene (stx)-Positive and Intimin Gene (eae)-Positive Escherichia coli Isolates from Wastewater of Slaughterhouses in France. Applied and Environmental Microbiology, 2006, 72, 3245-3251.	3.1	35
114	Predominance of afr2 and ral Fimbrial Genes Related to Those Encoding the K88 and CS31A Fimbrial Adhesins in Enteropathogenic Escherichia coli Isolates from Rabbits with Postweaning Diarrhea in Central Europe. Journal of Clinical Microbiology, 2005, 43, 1366-1371.	3.9	9
115	Genetic Analysis of Enteropathogenic and Enterohemorrhagic Escherichia coli Serogroup O103 Strains by Molecular Typing of Virulence and Housekeeping Genes and Pulsed-Field Gel Electrophoresis. Journal of Clinical Microbiology, 2005, 43, 1552-1563.	3.9	70
116	Role of EspA and Intimin in Expression of Proinflammatory Cytokines from Enterocytes and Lymphocytes by Rabbit Enteropathogenic Escherichia coli-Infected Rabbits. Infection and Immunity, 2005, 73, 103-113.	2.2	30
117	Bacterial toxins that modulate host cell-cycle progression. Current Opinion in Microbiology, 2005, 8, 83-91.	5.1	129
118	Cyclomodulins: bacterial effectors that modulate the eukaryotic cell cycle. Trends in Microbiology, 2005, 13, 103-110.	7.7	203
119	Detection of the cytolethal distending toxin locus cdtB among diarrheagenic Escherichia coli isolates from humans in Iran. Research in Microbiology, 2005, 156, 137-144.	2.1	19
120	Enterohaemorrhagic Escherichia coli: emerging issues on virulence and modes of transmission. Veterinary Research, 2005, 36, 289-311.	3.0	528
121	Cytolethal Distending Toxin: A Bacterial Bullet Targeted to Nucleus. Journal of Biochemistry, 2004, 136, 409-413.	1.7	44
122	Identification of the Secretion and Translocation Domain of the Enteropathogenic and Enterohemorrhagic Escherichia coli Effector Cif, Using TEM-1 Î²-Lactamase as a New Fluorescence-Based Reporter. Journal of Bacteriology, 2004, 186, 5486-5495.	2.2	284
123	TccP is an enterohaemorrhagic Escherichia coli O157:H7 type III effector protein that couples Tir to the actin-cytoskeleton+. Cellular Microbiology, 2004, 6, 1167-1183.	2.1	261
124	Putative roles of the CNF2 and CDTIII toxins in experimental infections with necrotoxigenic Escherichia coli type 2 (NTEC2) strains in calves. Microbes and Infection, 2003, 5, 1189-1193.	1.9	10
125	Prevalence and identity of cdt-related sequences in necrotoxigenic Escherichia coli. Veterinary Microbiology, 2003, 94, 159-165.	1.9	25
126	Genetically engineered enteropathogenic Escherichia coli strain elicits a specific immune response and protects against a virulent challenge. Microbes and Infection, 2003, 5, 857-867.	1.9	20

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127	Enteropathogenic and enterohaemorrhagic Escherichia coli deliver a novel effector called Cif, which blocks cell cycle G2/M transition. Molecular Microbiology, 2003, 50, 1553-1567.	2.5	179
128	Characterization of the Novel Factor Paa Involved in the Early Steps of the Adhesion Mechanism of Attaching and Effacing Escherichia coli. Infection and Immunity, 2003, 71, 4516-4525.	2.2	99
129	HEp-2 Cell Adherence, Actin Aggregation, and Intimin Types of Attaching and Effacing Escherichia coli Strains Isolated from Healthy Infants in Germany and Australia. Infection and Immunity, 2003, 71, 3995-4002.	2.2	52
130	An N-terminal Segment of the Active Component of the Bacterial Genotoxin Cytolethal Distending Toxin B (CDTB) Directs CDTB into the Nucleus. Journal of Biological Chemistry, 2003, 278, 50671-50681.	3.4	84
131	Prevalence of Cytolethal Distending Toxin Production in Periodontopathogenic Bacteria. Journal of Clinical Microbiology, 2003, 41, 1391-1398.	3.9	50
132	Transduction of Porcine Enteropathogenic Escherichia coli with a Derivative of a Shiga Toxin 2-EncodingBacteriophage in a Porcine Ligated Ileal LoopSystem. Applied and Environmental Microbiology, 2003, 69, 7242-7247.	3.1	68
133	Multiplex PCRs for Identification of Necrotoxigenic Escherichia coli. Journal of Clinical Microbiology, 2003, 41, 4480-4482.	3.9	25
134	Production of Cytolethal Distending Toxins by Pathogenic Escherichia coli Strains Isolated from Human and Animal Sources: Establishment of the Existence of a New cdt Variant (Type IV). Journal of Clinical Microbiology, 2003, 41, 4285-4291.	3.9	156
135	A Mosaic Pathogenicity Island Made Up of the Locus of Enterocyte Effacement and a Pathogenicity Island of Escherichia coli O157:H7 Is Frequently Present in Attaching and Effacing E . coli. Infection and Immunity, 2003, 71, 3343-3348.	2.2	72
136	Phylogenetic Distribution of Virulenceâ€Associated Genes amongEscherichia coliIsolates Associated with Neonatal Bacterial Meningitis in The Netherlands. Journal of Infectious Diseases, 2002, 185, 774-784.	4.0	150
137	Intimin, Tir, and Shiga Toxin 1 Do Not Influence Enteropathogenic Responses to Shiga Toxin-Producing Escherichia coli in Bovine Ligated Intestinal Loops. Infection and Immunity, 2002, 70, 945-952.	2.2	28
138	Cytolethal distending toxin (CDT): a bacterial weapon to control host cell proliferation?. FEMS Microbiology Letters, 2001, 203, 141-148.	1.8	82
139	Type III Secretion-Dependent Cell Cycle Block Caused in HeLa Cells by Enteropathogenic Escherichia coli O103. Infection and Immunity, 2001, 69, 6785-6795.	2.2	44
140	Role of Tir and Intimin in the Virulence of Rabbit Enteropathogenic Escherichia coli Serotype O103:H2. Infection and Immunity, 2000, 68, 2171-2182.	2.2	143
141	Characterization of intestinal cnf1+ Escherichia coli from weaned pigs. International Journal of Medical Microbiology, 2000, 290, 539-542.	3.6	15
142	Virulence Markers of Human Uropathogenic Escherichia coli Strains Isolated in Hungary. , 2000, 485, 335-338.		3
143	Porcine Postweaning Diarrhea Isolates of Escherichia Coli with Uropathogenic Characters. , 2000, 485, 331-333.		0
144	The long-term cytoskeletal rearrangement induced by rabbit enteropathogenic Escherichia coli is Esp dependent but intimin independent. Molecular Microbiology, 1999, 31, 19-30.	2.5	29

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145	Cytotoxic Necrotizing Factor Type 2 Produced by Pathogenic Escherichia coli Deamidates a Gln Residue in the Conserved G-3 Domain of the Rho Family and Preferentially Inhibits the GTPase Activity of RhoA and Rac1. Infection and Immunity, 1999, 67, 6550-6557.	2.2	30
146	The Cell Cycle-Specific Growth-Inhibitory Factor Produced byActinobacillus actinomycetemcomitansIs a Cytolethal Distending Toxin. Infection and Immunity, 1998, 66, 5008-5019.	2.2	203
147	A reverse transcription-polymerase chain reaction method to analyze porcine cytokine gene expression. Veterinary Immunology and Immunopathology, 1997, 58, 287-300.	1.2	100
148	A new cytolethal distending toxin (CDT) from Escherichia coli producing CNF2 blocks HeLa cell division in G2/M phase. Molecular Microbiology, 1997, 24, 1095-1107.	2.5	208
149	Detection of Escherichia coli strains producing cytotoxic necrotizing factor type two (CNF2) by enzyme-linked immunosorbent assay. Veterinary Microbiology, 1994, 40, 209-218.	1.9	2
150	Induction of phagocytic behaviour in human epithelial cells by Escherichia coli cytotoxic necrotizing factor type1. Molecular Microbiology, 1993, 9, 1247-1254.	2.5	188
151	Cytotoxic effect of multinucleation in HeLa cell cultures associated with the presence of Vir plasmid inEscherichia colistrains. FEMS Microbiology Letters, 1989, 58, 95-99.	1.8	50