

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
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159
all docs

159
docs citations

159
times ranked

8240
citing authors

#	ARTICLE	IF	CITATIONS
1	Escherichia coli Induces DNA Double-Strand Breaks in Eukaryotic Cells. <i>Science</i> , 2006, 313, 848-851.	12.6	886
2	<i>Escherichia coli</i> induces DNA damage in vivo and triggers genomic instability in mammalian cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11537-11542.	7.1	671
3	Enterohaemorrhagic <i>Escherichia coli</i> : emerging issues on virulence and modes of transmission. <i>Veterinary Research</i> , 2005, 36, 289-311.	3.0	528
4	Identification of the Secretion and Translocation Domain of the Enteropathogenic and Enterohemorrhagic <i>Escherichia coli</i> Effector Cif, Using TEM-1 β -Lactamase as a New Fluorescence-Based Reporter. <i>Journal of Bacteriology</i> , 2004, 186, 5486-5495.	2.2	284
5	Genetic Structure and Distribution of the Colibactin Genomic Island among Members of the Family <i>Enterobacteriaceae</i> . <i>Infection and Immunity</i> , 2009, 77, 4696-4703.	2.2	273
6	TccP is an enterohaemorrhagic <i>Escherichia coli</i> O157:H7 type III effector protein that couples Tir to the actin-cytoskeleton+. <i>Cellular Microbiology</i> , 2004, 6, 1167-1183.	2.1	261
7	A new cytolethal distending toxin (CDT) from <i>Escherichia coli</i> producing CNF2 blocks HeLa cell division in G2/M phase. <i>Molecular Microbiology</i> , 1997, 24, 1095-1107.	2.5	208
8	Cyclomodulins: bacterial effectors that modulate the eukaryotic cell cycle. <i>Trends in Microbiology</i> , 2005, 13, 103-110.	7.7	203
9	The Cell Cycle-Specific Growth-Inhibitory Factor Produced by <i>Actinobacillus actinomycetemcomitans</i> is a Cytolethal Distending Toxin. <i>Infection and Immunity</i> , 1998, 66, 5008-5019.	2.2	203
10	Locoregional Effects of Microbiota in a Preclinical Model of Colon Carcinogenesis. <i>Cancer Research</i> , 2017, 77, 2620-2632.	0.9	195
11	Induction of phagocytic behaviour in human epithelial cells by <i>Escherichia coli</i> cytotoxic necrotizing factor type 1. <i>Molecular Microbiology</i> , 1993, 9, 1247-1254.	2.5	188
12	Enteropathogenic and enterohaemorrhagic <i>Escherichia coli</i> deliver a novel effector called Cif, which blocks cell cycle G2/M transition. <i>Molecular Microbiology</i> , 2003, 50, 1553-1567.	2.5	179
13	Animal and human pathogenic <i>Escherichia coli</i> strains share common genetic backgrounds. <i>Infection, Genetics and Evolution</i> , 2011, 11, 654-662.	2.3	169
14	Common Virulence Factors and Genetic Relationships between O18:K1:H7 <i>Escherichia coli</i> Isolates of Human and Avian Origin. <i>Journal of Clinical Microbiology</i> , 2006, 44, 3484-3492.	3.9	159
15	Molecular Epidemiology and Phylogenetic Distribution of the <i>Escherichia coli</i> pks Genomic Island. <i>Journal of Clinical Microbiology</i> , 2008, 46, 3906-3911.	3.9	157
16	Production of Cytolethal Distending Toxins by Pathogenic <i>Escherichia coli</i> Strains Isolated from Human and Animal Sources: Establishment of the Existence of a New cdt Variant (Type IV). <i>Journal of Clinical Microbiology</i> , 2003, 41, 4285-4291.	3.9	156
17	The Colibactin Genotoxin Generates DNA Interstrand Cross-Links in Infected Cells. <i>MBio</i> , 2018, 9, .	4.1	153
18	Phylogenetic Distribution of Virulence-Associated Genes among <i>Escherichia coli</i> Isolates Associated with Neonatal Bacterial Meningitis in The Netherlands. <i>Journal of Infectious Diseases</i> , 2002, 185, 774-784.	4.0	150

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19	Role of Tir and Intimin in the Virulence of Rabbit Enteropathogenic Escherichia coli Serotype O103:H2. <i>Infection and Immunity</i> , 2000, 68, 2171-2182.	2.2	143
20	Diagnostic Strategy for Identifying Avian Pathogenic Escherichia coli Based on Four Patterns of Virulence Genes. <i>Journal of Clinical Microbiology</i> , 2012, 50, 1673-1678.	3.9	136
21	Bacterial toxins that modulate host cell-cycle progression. <i>Current Opinion in Microbiology</i> , 2005, 8, 83-91.	5.1	129
22	Genotoxicity of Escherichia coli Nissle 1917 strain cannot be dissociated from its probiotic activity. <i>Gut Microbes</i> , 2012, 3, 501-509.	9.8	125
23	Performances of the Vitek MS Matrix-Assisted Laser Desorption Ionization–Time of Flight Mass Spectrometry System for Rapid Identification of Bacteria in Routine Clinical Microbiology. <i>Journal of Clinical Microbiology</i> , 2012, 50, 2568-2576.	3.9	119
24	Escherichia coli Producing Colibactin Triggers Premature and Transmissible Senescence in Mammalian Cells. <i>PLoS ONE</i> , 2013, 8, e77157.	2.5	107
25	Bacteria-derived long chain fatty acid exhibits anti-inflammatory properties in colitis. <i>Gut</i> , 2021, 70, 1088-1097.	12.1	105
26	Interplay between Siderophores and Colibactin Genotoxin Biosynthetic Pathways in Escherichia coli. <i>PLoS Pathogens</i> , 2013, 9, e1003437.	4.7	102
27	A reverse transcription-polymerase chain reaction method to analyze porcine cytokine gene expression. <i>Veterinary Immunology and Immunopathology</i> , 1997, 58, 287-300.	1.2	100
28	Oral Administration of the Probiotic Strain Escherichia coli Nissle 1917 Reduces Susceptibility to Neuroinflammation and Repairs Experimental Autoimmune Encephalomyelitis-Induced Intestinal Barrier Dysfunction. <i>Frontiers in Immunology</i> , 2017, 8, 1096.	4.8	100
29	Characterization of the Novel Factor Paa Involved in the Early Steps of the Adhesion Mechanism of Attaching and Effacing Escherichia coli. <i>Infection and Immunity</i> , 2003, 71, 4516-4525.	2.2	99
30	ClbP Is a Prototype of a Peptidase Subgroup Involved in Biosynthesis of Nonribosomal Peptides. <i>Journal of Biological Chemistry</i> , 2011, 286, 35562-35570.	3.4	90
31	Expression analysis of the colibactin gene cluster coding for a novel polyketide in <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 2007, 275, 255-262.	1.8	86
32	The Enterobacterial Genotoxins: Cytolethal Distending Toxin and Colibactin. <i>EcoSal Plus</i> , 2016, 7, .	5.4	86
33	Identification of an analgesic lipopeptide produced by the probiotic Escherichia coli strain Nissle 1917. <i>Nature Communications</i> , 2017, 8, 1314.	12.8	86
34	An N-terminal Segment of the Active Component of the Bacterial Genotoxin Cytolethal Distending Toxin B (CDTB) Directs CDTB into the Nucleus. <i>Journal of Biological Chemistry</i> , 2003, 278, 50671-50681.	3.4	84
35	Cytolethal distending toxin (CDT): a bacterial weapon to control host cell proliferation?. <i>FEMS Microbiology Letters</i> , 2001, 203, 141-148.	1.8	82
36	Escherichia coli strains with the capacity for long-term persistence in the bowel microbiota carry the potentially genotoxic pks island. <i>Microbial Pathogenesis</i> , 2012, 53, 180-182.	2.9	82

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37	Concert of regulators to switch on LEE expression in enterohemorrhagic <i>Escherichia coli</i> O157:H7: Interplay between Ler, GrlA, HNS and RpoS. <i>International Journal of Medical Microbiology</i> , 2006, 296, 197-210.	3.6	74
38	A Mosaic Pathogenicity Island Made Up of the Locus of Enterocyte Effacement and a Pathogenicity Island of <i>Escherichia coli</i> O157:H7 Is Frequently Present in Attaching and Effacing <i>E. coli</i> . <i>Infection and Immunity</i> , 2003, 71, 3343-3348.	2.2	72
39	<i>Escherichia coli</i> cyclomodulin Cif induces G2arrest of the host cell cycle without activation of the DNA-damage checkpoint-signalling pathway. <i>Cellular Microbiology</i> , 2006, 8, 1910-1921.	2.1	72
40	Bacterial cyclomodulin Cif blocks the host cell cycle by stabilizing the cyclin-dependent kinase inhibitors p21 ^{waf1} and p27 ^{kip1} . <i>Cellular Microbiology</i> , 2008, 10, 2496-2508.	2.1	72
41	EspF Interacts with Nucleation-Promoting Factors To Recruit Junctional Proteins into Pedestals for Pedestal Maturation and Disruption of Paracellular Permeability. <i>Infection and Immunity</i> , 2008, 76, 3854-3868.	2.2	72
42	Maternally acquired genotoxic <i>Escherichia coli</i> alters offspring's intestinal homeostasis. <i>Gut Microbes</i> , 2014, 5, 313-512.	9.8	72
43	MATE transport of the <i>E. coli</i> -derived genotoxin colibactin. <i>Nature Microbiology</i> , 2016, 1, 15009.	13.3	71
44	Genetic Analysis of Enteropathogenic and Enterohemorrhagic <i>Escherichia coli</i> Serogroup O103 Strains by Molecular Typing of Virulence and Housekeeping Genes and Pulsed-Field Gel Electrophoresis. <i>Journal of Clinical Microbiology</i> , 2005, 43, 1552-1563.	3.9	70
45	The Genotoxin Colibactin Is a Determinant of Virulence in <i>Escherichia coli</i> K1 Experimental Neonatal Systemic Infection. <i>Infection and Immunity</i> , 2015, 83, 3704-3711.	2.2	69
46	Transduction of Porcine Enteropathogenic <i>Escherichia coli</i> with a Derivative of a Shiga Toxin 2-Encoding Bacteriophage in a Porcine Ligated Ileal Loop System. <i>Applied and Environmental Microbiology</i> , 2003, 69, 7242-7247.	3.1	68
47	The Genotoxin Colibactin Exacerbates Lymphopenia and Decreases Survival Rate in Mice Infected With Septicemic <i>Escherichia coli</i> . <i>Journal of Infectious Diseases</i> , 2014, 210, 285-294.	4.0	67
48	Small-molecule inhibitors prevent the genotoxic and protumoural effects induced by colibactin-producing bacteria. <i>Gut</i> , 2016, 65, 278-285.	12.1	67
49	Pathogenic Bacteria Target NEDD8-Conjugated Cullins to Hijack Host-Cell Signaling Pathways. <i>PLoS Pathogens</i> , 2010, 6, e1001128.	4.7	66
50	Deciphering the interplay between the genotoxic and probiotic activities of <i>Escherichia coli</i> Nissle 1917. <i>PLoS Pathogens</i> , 2019, 15, e1008029.	4.7	66
51	Cyclomodulins in Urosepsis Strains of <i>Escherichia coli</i> . <i>Journal of Clinical Microbiology</i> , 2010, 48, 2122-2129.	3.9	64
52	The Food Contaminant Deoxynivalenol Exacerbates the Genotoxicity of Gut Microbiota. <i>MBio</i> , 2017, 8, .	4.1	60
53	The Enteropathogenic <i>Escherichia coli</i> Effector Cif Induces Delayed Apoptosis in Epithelial Cells. <i>Infection and Immunity</i> , 2009, 77, 5471-5477.	2.2	59
54	The Carbon Storage Regulator (Csr) System Exerts a Nutrient-Specific Control over Central Metabolism in <i>Escherichia coli</i> Strain Nissle 1917. <i>PLoS ONE</i> , 2013, 8, e66386.	2.5	57

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55	Iron Homeostasis Regulates the Genotoxicity of <i>Escherichia coli</i> That Produces Colibactin. <i>Infection and Immunity</i> , 2016, 84, 3358-3368.	2.2	57
56	Identification of Clinical <i>Streptococcus pneumoniae</i> Isolates among other Alpha and Nonhemolytic <i>Streptococci</i> by Use of the Vitek MS Matrix-Assisted Laser Desorption Ionization–Time of Flight Mass Spectrometry System. <i>Journal of Clinical Microbiology</i> , 2013, 51, 1861-1867.	3.9	56
57	Hep-2 Cell Adherence, Actin Aggregation, and Intimin Types of Attaching and Effacing <i>Escherichia coli</i> Strains Isolated from Healthy Infants in Germany and Australia. <i>Infection and Immunity</i> , 2003, 71, 3995-4002.	2.2	52
58	The Bacterial Stress-Responsive Hsp90 Chaperone (HtpG) Is Required for the Production of the Genotoxin Colibactin and the Siderophore Yersiniabactin in <i>Escherichia coli</i> . <i>Journal of Infectious Diseases</i> , 2016, 214, 916-924.	4.0	51
59	HlyF Produced by Extraintestinal Pathogenic <i>Escherichia coli</i> Is a Virulence Factor That Regulates Outer Membrane Vesicle Biogenesis. <i>Journal of Infectious Diseases</i> , 2016, 213, 856-865.	4.0	51
60	Cytotoxic effect of multinucleation in HeLa cell cultures associated with the presence of Vir plasmid in <i>Escherichia coli</i> strains. <i>FEMS Microbiology Letters</i> , 1989, 58, 95-99.	1.8	50
61	Prevalence of Cytolethal Distending Toxin Production in Periodontopathogenic Bacteria. <i>Journal of Clinical Microbiology</i> , 2003, 41, 1391-1398.	3.9	50
62	Cycle Inhibiting Factors (CIFs) Are a Growing Family of Functional Cyclomodulins Present in Invertebrate and Mammal Bacterial Pathogens. <i>PLoS ONE</i> , 2009, 4, e4855.	2.5	50
63	<i>Escherichia coli</i> –ClbS is a colibactin resistance protein. <i>Molecular Microbiology</i> , 2016, 99, 897-908.	2.5	49
64	Pathogenomic comparison of human extraintestinal and avian pathogenic <i>Escherichia coli</i> – Search for factors involved in host specificity or zoonotic potential. <i>Microbial Pathogenesis</i> , 2010, 49, 105-115.	2.9	48
65	Acute <i>Escherichia coli</i> Prostatitis in Previously Health Young Men: Bacterial Virulence Factors, Antimicrobial Resistance, and Clinical Outcomes. <i>Urology</i> , 2011, 77, 1420-1425.	1.0	47
66	Diversity of Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) O26:H11 Strains Examined via <i>stx</i> Subtypes and Insertion Sites of Stx and EspK Bacteriophages. <i>Applied and Environmental Microbiology</i> , 2015, 81, 3712-3721.	3.1	47
67	Structure of the Cyclomodulin Cif from Pathogenic <i>Escherichia coli</i> . <i>Journal of Molecular Biology</i> , 2008, 384, 465-477.	4.2	45
68	Persistence and prevalence of pathogenic and extended-spectrum beta-lactamase-producing <i>Escherichia coli</i> in municipal wastewater treatment plant receiving slaughterhouse wastewater. <i>Water Research</i> , 2013, 47, 4719-4729.	11.3	45
69	Early settlers: which <i>E. coli</i> strains do you not want at birth?. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, G123-G129.	3.4	45
70	Type III Secretion-Dependent Cell Cycle Block Caused in HeLa Cells by Enteropathogenic <i>Escherichia coli</i> O103. <i>Infection and Immunity</i> , 2001, 69, 6785-6795.	2.2	44
71	Cytolethal Distending Toxin: A Bacterial Bullet Targeted to Nucleus. <i>Journal of Biochemistry</i> , 2004, 136, 409-413.	1.7	44
72	Cytolethal Distending Toxin Type I and Type IV Genes Are Framed with Lambdoid Prophage Genes in Extraintestinal Pathogenic <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 2009, 77, 492-500.	2.2	44

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73	Prevalence of Carriage of Shiga Toxin-Producing <i>Escherichia coli</i> Serotypes O157:H7, O26:H11, O103:H2, O111:H8, and O145:H28 among Slaughtered Adult Cattle in France. <i>Applied and Environmental Microbiology</i> , 2015, 81, 1397-1405.	3.1	42
74	Cycle Inhibiting Factors (Cifs): Cyclomodulins That Usurp the Ubiquitin-Dependent Degradation Pathway of Host Cells. <i>Toxins</i> , 2011, 3, 356-368.	3.4	41
75	A Toxic Friend: Genotoxic and Mutagenic Activity of the Probiotic Strain <i>Escherichia coli</i> Nissle 1917. <i>MSphere</i> , 2021, 6, e0062421.	2.9	41
76	Active thrombin produced by the intestinal epithelium controls mucosal biofilms. <i>Nature Communications</i> , 2019, 10, 3224.	12.8	39
77	Large-scale genome analysis of bovine commensal <i>Escherichia coli</i> reveals that bovine-adapted <i>E. coli</i> lineages are serving as evolutionary sources of the emergence of human intestinal pathogenic strains. <i>Genome Research</i> , 2019, 29, 1495-1505.	5.5	39
78	Hepcidin upregulation by inflammation is independent of Smad1/5/8 signaling by activin B. <i>Blood</i> , 2017, 129, 533-536.	1.4	36
79	Characterization of Shiga Toxin Gene (<i>stx</i>)-Positive and Intimin Gene (<i>eae</i>)-Positive <i>Escherichia coli</i> Isolates from Wastewater of Slaughterhouses in France. <i>Applied and Environmental Microbiology</i> , 2006, 72, 3245-3251.	3.1	35
80	The Genotoxin Colibactin Shapes Gut Microbiota in Mice. <i>MSphere</i> , 2020, 5, .	2.9	34
81	Expression of P, S, and F1C adhesins by cytotoxic necrotizing factor 1-producing <i>Escherichia coli</i> from septicemic and diarrheic pigs. <i>FEMS Microbiology Letters</i> , 2006, 152, 307-312.	1.8	33
82	Biogenesis of the <i>Actinobacillus actinomycetemcomitans</i> Cytolethal Distending Toxin Holotoxin. <i>Infection and Immunity</i> , 2006, 74, 3480-3487.	2.2	33
83	CTX-M-15 Extended-Spectrum β -Lactamase in a Shiga Toxin-Producing <i>Escherichia coli</i> Isolate of Serotype O111:H8. <i>Applied and Environmental Microbiology</i> , 2012, 78, 1308-1309.	3.1	33
84	French cattle is not a reservoir of the highly virulent enteroaggregative Shiga toxin-producing <i>Escherichia coli</i> of serotype O104:H4. <i>Veterinary Microbiology</i> , 2012, 158, 443-445.	1.9	33
85	Phylogenetic distribution of virulence genes in <i>Escherichia coli</i> isolated from bovine mastitis in Iran. <i>Research in Veterinary Science</i> , 2010, 88, 6-10.	1.9	32
86	Role of EspA and Intimin in Expression of Proinflammatory Cytokines from Enterocytes and Lymphocytes by Rabbit Enteropathogenic <i>Escherichia coli</i> -Infected Rabbits. <i>Infection and Immunity</i> , 2005, 73, 103-113.	2.2	30
87	Cytotoxic Necrotizing Factor Type 2 Produced by Pathogenic <i>Escherichia coli</i> Deamidates a Gln Residue in the Conserved G-3 Domain of the Rho Family and Preferentially Inhibits the GTPase Activity of RhoA and Rac1. <i>Infection and Immunity</i> , 1999, 67, 6550-6557.	2.2	30
88	The long-term cytoskeletal rearrangement induced by rabbit enteropathogenic <i>Escherichia coli</i> is Esp dependent but intimin independent. <i>Molecular Microbiology</i> , 1999, 31, 19-30.	2.5	29
89	Distribution, Functional Expression, and Genetic Organization of Cif, a Phage-Encoded Type III-Secreted Effector from Enteropathogenic and Enterohemorrhagic <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2008, 190, 275-285.	2.2	29
90	Oral Tolerance Failure upon Neonatal Gut Colonization with <i>Escherichia coli</i> Producing the Genotoxin Colibactin. <i>Infection and Immunity</i> , 2015, 83, 2420-2429.	2.2	29

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91	Comparison of the incidence of pathogenic and antibiotic-resistant <i>Escherichia coli</i> strains in adult cattle and veal calf slaughterhouse effluents highlighted different risks for public health. <i>Water Research</i> , 2016, 88, 30-38.	11.3	29
92	Interplay between siderophores and colibactin genotoxin in <i>Escherichia coli</i> . <i>IUBMB Life</i> , 2017, 69, 435-441.	3.4	29
93	Characterization of carbapenem resistance mechanisms and integrons in <i>Pseudomonas aeruginosa</i> strains from blood samples in a French hospital. <i>Journal of Medical Microbiology</i> , 2016, 65, 311-319.	1.8	29
94	Intimin, Tir, and Shiga Toxin 1 Do Not Influence Enteropathogenic Responses to Shiga Toxin-Producing <i>Escherichia coli</i> in Bovine Ligated Intestinal Loops. <i>Infection and Immunity</i> , 2002, 70, 945-952.	2.2	28
95	Crystal Structures of Cif from Bacterial Pathogens <i>Photobacterium luminescens</i> and <i>Burkholderia pseudomallei</i> . <i>PLoS ONE</i> , 2009, 4, e5582.	2.5	28
96	The molecular basis of ubiquitin-like protein NEDD8 deamidation by the bacterial effector protein Cif. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1830-E1838.	7.1	28
97	The Polyphosphate Kinase of <i>Escherichia coli</i> Is Required for Full Production of the Genotoxin Colibactin. <i>MSphere</i> , 2020, 5, .	2.9	28
98	Serotypes and intimin types of intestinal and faecal strains of <i>eae+</i> <i>Escherichia coli</i> from weaned pigs. <i>Veterinary Microbiology</i> , 2006, 114, 82-93.	1.9	26
99	Prevalence and identity of <i>cdt</i> -related sequences in necrotoxicogenic <i>Escherichia coli</i> . <i>Veterinary Microbiology</i> , 2003, 94, 159-165.	1.9	25
100	Multiplex PCRs for Identification of Necrotoxicogenic <i>Escherichia coli</i> . <i>Journal of Clinical Microbiology</i> , 2003, 41, 4480-4482.	3.9	25
101	Inhibitors of retrograde trafficking active against ricin and Shiga toxins also protect cells from several viruses, <i>Leishmania</i> and <i>Chlamydiales</i> . <i>Chemico-Biological Interactions</i> , 2017, 267, 96-103.	4.0	25
102	Intimin Gene (<i>eae</i>) Subtype-Based Real-Time PCR Strategy for Specific Detection of Shiga Toxin-Producing <i>Escherichia coli</i> Serotypes O157:H7, O26:H11, O103:H2, O111:H8, and O145:H28 in Cattle Feces. <i>Applied and Environmental Microbiology</i> , 2014, 80, 1177-1184.	3.1	24
103	Siderophore-Microcins in <i>Escherichia coli</i> : Determinants of Digestive Colonization, the First Step Toward Virulence. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 381.	3.9	24
104	The Polyamine Spermidine Modulates the Production of the Bacterial Genotoxin Colibactin. <i>MSphere</i> , 2019, 4, .	2.9	22
105	Characteristics and virulence genes of <i>Escherichia coli</i> isolated from septicemic calves in southeast of Iran. <i>Tropical Animal Health and Production</i> , 2009, 41, 1091-1099.	1.4	21
106	Genetically engineered enteropathogenic <i>Escherichia coli</i> strain elicits a specific immune response and protects against a virulent challenge. <i>Microbes and Infection</i> , 2003, 5, 857-867.	1.9	20
107	High iron supply inhibits the synthesis of the genotoxin colibactin by pathogenic <i>Escherichia coli</i> through a non-canonical Fur/RyhB-mediated pathway. <i>Pathogens and Disease</i> , 2017, 75, .	2.0	20
108	<i>In vitro</i> activity of seven β -lactams including ceftolozane/tazobactam and ceftazidime/avibactam against <i>Burkholderia cepacia</i> complex, <i>Burkholderia gladioli</i> and other non-fermentative Gram-negative bacilli isolated from cystic fibrosis patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 525-528.	3.0	20

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109	DNA Inversion Regulates Outer Membrane Vesicle Production in <i>Bacteroides fragilis</i> . <i>PLoS ONE</i> , 2016, 11, e0148887.	2.5	20
110	Outer membrane vesicles produced by pathogenic strains of <i>Escherichia coli</i> block autophagic flux and exacerbate inflammasome activation. <i>Autophagy</i> , 2022, 18, 2913-2925.	9.1	20
111	Detection of the cytolethal distending toxin locus <i>cdtB</i> among diarrheagenic <i>Escherichia coli</i> isolates from humans in Iran. <i>Research in Microbiology</i> , 2005, 156, 137-144.	2.1	19
112	Increased Mucosal Thrombin is Associated with Crohn's Disease and Causes Inflammatory Damage through Protease-activated Receptors Activation. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 787-799.	1.3	19
113	<i>ClbR</i> Is the Key Transcriptional Activator of Colibactin Gene Expression in <i>Escherichia coli</i> . <i>MSphere</i> , 2020, 5, .	2.9	19
114	The probiotic strain <i>Escherichia coli</i> Nissle 1917 prevents papain-induced respiratory barrier injury and severe allergic inflammation in mice. <i>Scientific Reports</i> , 2018, 8, 11245.	3.3	18
115	Uropathogenic <i>E. coli</i> induces DNA damage in the bladder. <i>PLoS Pathogens</i> , 2021, 17, e1009310.	4.7	18
116	Insights into the acquisition of the <i>pks</i> island and production of colibactin in the <i>Escherichia coli</i> population. <i>Microbial Genomics</i> , 2021, 7, .	2.0	18
117	Evolution of Gut Microbiome and Metabolome in Suspected Necrotizing Enterocolitis: A Case-Control Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 2278.	2.4	16
118	Characterization of intestinal <i>cnf1+</i> <i>Escherichia coli</i> from weaned pigs. <i>International Journal of Medical Microbiology</i> , 2000, 290, 539-542.	3.6	15
119	Assessment of Adhesins as an Indicator of Pathovar-Associated Virulence Factors in Bovine <i>Escherichia coli</i> . <i>Applied and Environmental Microbiology</i> , 2014, 80, 7230-7234.	3.1	14
120	The synergistic triad between microcin, colibactin, and salmochelin gene clusters in uropathogenic <i>Escherichia coli</i> . <i>Microbes and Infection</i> , 2020, 22, 144-147.	1.9	13
121	Insights into evolution and coexistence of the colibactin- and yersiniabactin secondary metabolite determinants in enterobacterial populations. <i>Microbial Genomics</i> , 2021, 7, .	2.0	13
122	An epidemiologically successful <i>Escherichia coli</i> sequence type modulates <i>Plasmodium falciparum</i> infection in the mosquito midgut. <i>Infection, Genetics and Evolution</i> , 2016, 43, 22-30.	2.3	11
123	Antimicrobial Resistance Profiles of Enterohemorrhagic and Enteropathogenic <i>Escherichia coli</i> of Serotypes O157:H7, O26:H11, O103:H2, O111:H8, O145:H28 Compared to <i>Escherichia coli</i> isolated from the Same Adult Cattle. <i>Microbial Drug Resistance</i> , 2018, 24, 852-859.	2.0	11
124	The <i>Escherichia coli</i> colibactin resistance protein <i>ClbS</i> is a novel DNA binding protein that protects DNA from nucleolytic degradation. <i>DNA Repair</i> , 2019, 79, 50-54.	2.8	11
125	In vitro activity of 20 antibiotics against <i>Cupriavidus</i> clinical strains. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 1654-1658.	3.0	11
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