David M Gordon

List of Publications by Year
in descending order

111 papers	7,734 citations	57758 44 h-index	54911 84 g-index
112 all docs	112 docs citations	112 times ranked	6666 citing authors

#	Article	IF	Citations
1	Prevalence, diversity and genetic structure of <i>Escherichia coli</i> isolates from septic tanks. Environmental Microbiology Reports, 2022, 14, 138-146.	2.4	3
2	Novel Multiplex PCR Method and Genome Sequence-Based Analog for High-Resolution Subclonal Assignment and Characterization of Escherichia coli Sequence Type 131 Isolates. Microbiology Spectrum, 2022, 10, .	3.0	1
3	Molecular and metabolic characteristics of wastewater associated <i>Escherichia coli</i> strains. Environmental Microbiology Reports, 2022, 14, 646-654.	2.4	5
4	The population genetics of pathogenic Escherichia coli. Nature Reviews Microbiology, 2021, 19, 37-54.	28.6	268
5	The E phylogroup of <scp><i>Escherichia coli</i></scp> is highly diverse and mimics the whole <scp><i>E. coli</i></scp> species population structure. Environmental Microbiology, 2021, 23, 7139-7151.	3.8	16
6	Companion Animals Are Spillover Hosts of the Multidrug-Resistant Human Extraintestinal Escherichia coli Pandemic Clones ST131 and ST1193. Frontiers in Microbiology, 2020, 11, 1968.	3.5	38
7	Genomic analysis of phylogenetic group B2 extraintestinal pathogenic E. coli causing infections in dogs in Australia. Veterinary Microbiology, 2020, 248, 108783.	1.9	20
8	Genomic analysis of fluoroquinolone-susceptible phylogenetic group B2 extraintestinal pathogenic Escherichia coli causing infections in cats. Veterinary Microbiology, 2020, 245, 108685.	1.9	12
9	Phylogenetic background and habitat drive the genetic diversification of Escherichia coli. PLoS Genetics, 2020, 16, e1008866.	3.5	131
10	Phylogenetic background and habitat drive the genetic diversification of Escherichia coli. , 2020, 16, e1008866.		0
11	Phylogenetic background and habitat drive the genetic diversification of Escherichia coli. , 2020, 16, e1008866.		0
12	Phylogenetic background and habitat drive the genetic diversification of Escherichia coli. , 2020, 16, e1008866.		0
13	Phylogenetic background and habitat drive the genetic diversification of Escherichia coli. , 2020, 16, e1008866.		0
14	Phenotypic characteristics contributing to the enhanced growth ofEscherichia colibloom strains. Environmental Microbiology Reports, 2019, 11, 817-824.	2.4	1
15	Characterization and rapid identification of phylogroup G in <i>Escherichia coli</i>, a lineage with high virulence and antibiotic resistance potential. Environmental Microbiology, 2019, 21, 3107-3117.	3.8	152
16	Genetic structure, antimicrobial resistance and frequency of human associated Escherichia coli sequence types among faecal isolates from healthy dogs and cats living in Canberra, Australia. PLoS ONE, 2019, 14, e0212867.	2.5	37
17	Diversity and distribution of Klebsiella capsules in Escherichia coli. Environmental Microbiology Reports, 2019, 11, 107-117.	2.4	15
18	Factors affecting the presence, genetic diversity and antimicrobial sensitivity of <i>Escherichia coli</i> in poultry meat samples collected from Canberra, Australia. Environmental Microbiology, 2018, 20, 1350-1361.	3.8	6

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19	Withinâ€host evolution <i>versus</i> immigration as a determinant of <i>Escherichia coli</i> diversity in the human gastrointestinal tract. Environmental Microbiology, 2018, 20, 993-1001.	3.8	8
20	Dissemination and persistence of extended-spectrum cephalosporin-resistance encoding IncI1-<i>bla</i>CTXM-1 plasmid among <i>Escherichia coli</i> in pigs. ISME Journal, 2018, 12, 2352-2362.	9.8	56
21	Rapid and Specific Detection of the Escherichia coli Sequence Type 648 Complex within Phylogroup F. Journal of Clinical Microbiology, 2017, 55, 1116-1121.	3.9	35
22	Comparative genomics of Crohn's disease-associated adherent-invasive<i>Escherichia coli</i>. Gut, 2017, 66, 1382-1389.	12.1	114
23	Fine-Scale Structure Analysis Shows Epidemic Patterns of Clonal Complex 95, a Cosmopolitan Escherichia coli Lineage Responsible for Extraintestinal Infection. MSphere, 2017, 2, .	2.9	32
24	Genetic Attributes of E. coli Isolates from Chlorinated Drinking Water. PLoS ONE, 2017, 12, e0169445.	2.5	14
25	Effects of dispersal limitation in the face of intense selection via dietary intervention on the faecal microbiota of rats. Environmental Microbiology Reports, 2016, 8, 187-195.	2.4	10
26	Escherichia coli out in the cold: Dissemination of human-derived bacteria into the Antarctic microbiome. Environmental Pollution, 2016, 215, 58-65.	7.5	37
27	Phylogenetic diversity, antimicrobial susceptibility and virulence characteristics of phylogroup F Escherichia coli in Australia. Microbiology (United Kingdom), 2016, 162, 1904-1912.	1.8	59
28	The Natural History of Bacteriocins. , 2016, , 1-10.		1
29	<scp><i>E</i></scp><i>scherichia coli</i> diversity in the lower intestinal tract of humans. Environmental Microbiology Reports, 2015, 7, 642-648.	2.4	52
30	Human-associated fluoroquinolone-resistant Escherichia coli clonal lineages, including ST354, isolated from canine feces and extraintestinal infections in Australia. Microbes and Infection, 2015, 17, 266-274.	1.9	55
31	First detection of extended-spectrum cephalosporin- and fluoroquinolone-resistant Escherichia coli in Australian food-producing animals. Journal of Global Antimicrobial Resistance, 2015, 3, 273-277.	2.2	96
32	Guide to the various phylogenetic classification schemes for Escherichia coli and the correspondence among schemes. Microbiology (United Kingdom), 2015, 161, 980-988.	1.8	139
33	Host litterâ€associated gut dynamics affect <scp><i>E</i></scp><i>scherichia coli</i> abundance and adhesion genotype in rats. Environmental Microbiology Reports, 2015, 7, 583-589.	2.4	3
34	Genetic Structure and Antimicrobial Resistance of Escherichia coli and Cryptic Clades in Birds with Diverse Human Associations. Applied and Environmental Microbiology, 2015, 81, 5123-5133.	3.1	49
35	Spatial Variation and Survival of Salmonella enterica Subspecies in a Population of Australian Sleepy Lizards (Tiliqua rugosa). Applied and Environmental Microbiology, 2015, 81, 5804-5811.	3.1	12
36	Relative abundance of Mycobacterium in ovine Johne's disease. Microbiology Australia, 2015, 36, 32.	0.4	0

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37	Sexâ€dependent competitive dominance of phylogenetic group <scp>B</scp>2 <scp><i>E</i></scp><i>scherichia coli</i> strains within human hosts. Environmental Microbiology Reports, 2014, 6, 605-610.	2.4	34
38	Detection of bacterial DNA in lymph nodes of Crohn's disease patients using high throughput sequencing. Gut, 2014, 63, 1596-1606.	12.1	60
39	Not all types of host contacts are equal when it comes to <i>E. coli</i> transmission. Ecology Letters, 2014, 17, 970-978.	6.4	44
40	Development of an allele-specific PCR for Escherichia coli B2 sub-typing, a rapid and easy to perform substitute of multilocus sequence typing. Journal of Microbiological Methods, 2014, 101, 24-27.	1.6	70
41	Phylogenetic and molecular insights into the evolution of multidrug-resistant porcine enterotoxigenic Escherichia coli in Australia. International Journal of Antimicrobial Agents, 2014, 44, 105-111.	2.5	44
42	Functional genotypes are associated with commensal <i>Escherichia coli</i> strain abundance withinâ€host individuals and populations. Molecular Ecology, 2013, 22, 4112-4122.	3.9	3
43	The <scp>C</scp>lermont <i><scp>E</scp>scherichia coli</i> phyloâ€typing method revisited: improvement of specificity and detection of new phyloâ€groups. Environmental Microbiology Reports, 2013, 5, 58-65.	2.4	1,360
44	The ecology of Escherichia coli. , 2013, , 3-20.		9
45	High temporal variability in commensal <i><scp>E</scp>scherichia coli</i> strain communities of a herbivorous marsupial. Environmental Microbiology, 2013, 15, 2162-2172.	3.8	24
46	Extended-Spectrum Î²-Lactamaseâ€"Producing Escherichia coli From Retail Chicken Meat and Humans: Comparison of Strains, Plasmids, Resistance Genes, and Virulence Factors. Clinical Infectious Diseases, 2013, 56, 478-487.	5.8	233
47	Functional genotypes are associated with commensal <i>Escherichia coli</i> strain abundance within host individuals and populations. Molecular Ecology, 2013, 22, 6197-6197.	3.9	0
48	<i>Escherichia coli</i> Lacking RpoS Are Rare in Natural Populations of Non-Pathogens. G3: Genes, Genomes, Genetics, 2012, 2, 1341-1344.	1.8	33
49	Molecular Characterization of Commensal Escherichia coli Adapted to Different Compartments of the Porcine Gastrointestinal Tract. Applied and Environmental Microbiology, 2012, 78, 6799-6803.	3.1	19
50	Social networks and the spread of <i>Salmonella</i> in a sleepy lizard population. Molecular Ecology, 2012, 21, 4386-4392.	3.9	84
51	Genome sequencing of environmental <i>Escherichia coli</i> expands understanding of the ecology and speciation of the model bacterial species. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7200-7205.	7.1	279
52	Global Distribution and Epidemiologic Associations of Escherichia coli Clonal Group A, 1998â€"2007. Emerging Infectious Diseases, 2011, 17, 2001-9.	4.3	36
53	Characterization of the cryptic <i>Escherichia</i> lineages: rapid identification and prevalence. Environmental Microbiology, 2011, 13, 2468-2477.	3.8	103
54	Effect of diet and gut dynamics on the establishment and persistence of Escherichia coli. Microbiology (United Kingdom), 2011, 157, 1375-1384.	1.8	18

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55	Biofilm Formation by and Thermal Niche and Virulence Characteristics of Escherichia spp. Applied and Environmental Microbiology, 2011, 77, 2695-2700.	3.1	51
56	Substructure within Salmonella enterica subsp. enterica Isolates from Australian Wildlife. Applied and Environmental Microbiology, 2011, 77, 3151-3153.	3.1	16
57	Strain Typing and the Ecological Structure of Escherichia coli. Journal of AOAC INTERNATIONAL, 2010, 93, 974-984.	1.5	17
58	<i>Escherichia albertii</i>in Wild and Domestic Birds. Emerging Infectious Diseases, 2010, 16, 638-646.	4.3	111
59	Low prevalence of <i>Salmonella enterica</i> in Australian wildlife. Environmental Microbiology Reports, 2010, 2, 657-659.	2.4	13
60	Strain typing and the ecological structure of Escherichia coli. Journal of AOAC INTERNATIONAL, 2010, 93, 974-84.	1.5	3
61	Evolution of colicin BM plasmids: the loss of the colicin B activity gene. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.8	28
62	The potential of bacteriocin-producing probiotics and associated caveats. Future Microbiology, 2009, 4, 941-943.	2.0	15
63	Cryptic Lineages of the Genus <i>Escherichia</i>. Applied and Environmental Microbiology, 2009, 75, 6534-6544.	3.1	233
64	Evidence for a humanâ€specific <i>Escherichia coli</i> clone. Environmental Microbiology, 2008, 10, 1000-1006.	3.8	86
65	Assigning <i>Escherichia coli</i> strains to phylogenetic groups: multiâ€locus sequence typing versus the PCR triplex method. Environmental Microbiology, 2008, 10, 2484-2496.	3.8	253
66	Host gastro-intestinal dynamics and the frequency of colicin production by Escherichia coli. Microbiology (United Kingdom), 2007, 153, 2823-2827.	1.8	13
67	Evolution of Microcin V and Colicin Ia Plasmids in <i>Escherichia coli</i>. Journal of Bacteriology, 2007, 189, 7045-7052.	2.2	28
68	The Diversity of Bacteriocins in Gram-Negative Bacteria. , 2007, , 5-18.		32
69	Bacteriocin diversity and the frequency of multiple bacteriocin production in Escherichia coli. Microbiology (United Kingdom), 2006, 152, 3239-3244.	1.8	131
70	A Naturally Occurring Novel Allele of Escherichia coli Outer Membrane Protein A Reduces Sensitivity to Bacteriophage. Applied and Environmental Microbiology, 2006, 72, 7930-7932.	3.1	25
71	Phenotypic and genotypic characterization of encapsulated Escherichia coli isolated from blooms in two Australian lakes. Environmental Microbiology, 2005, 7, 631-640.	3.8	98
72	Influence of the age and sex of human hosts on the distribution of Escherichia coli ECOR groups and virulence traits. Microbiology (United Kingdom), 2005, 151, 15-23.	1.8	87

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73	Evolution of multi-resistance plasmids in Australian clinical isolates of Escherichia coli. Microbiology (United Kingdom), 2004, 150, 1539-1546.	1.8	48
74	Diversity analysis of commensal porcine Escherichia coli â€“ associations between genotypes and habitat in the porcine gastrointestinal tract. Microbiology (United Kingdom), 2004, 150, 1735-1740.	1.8	54
75	Coliform dynamics and the implications for source tracking. Environmental Microbiology, 2004, 6, 501-509.	3.8	27
76	The Influence of Ecological Factors on the Distribution and the Genetic Structure of <i>Escherichia coli</i>. EcoSal Plus, 2004, 1, .	5.4	22
77	Genetic and Ecological Structure of Hafnia alvei in Australia. Systematic and Applied Microbiology, 2003, 26, 585-594.	2.8	10
78	Species differences in plasmid carriage in the Enterobacteriaceae. Plasmid, 2003, 49, 79-85.	1.4	59
79	A phylogenetic approach to assessing the targets of microbial warfare. Journal of Evolutionary Biology, 2003, 16, 690-697.	1.7	65
80	A molecular phylogeny of enteric bacteria and implications for a bacterial species concept. Journal of Evolutionary Biology, 2003, 16, 1236-1248.	1.7	109
81	The distribution and genetic structure of Escherichia coli in Australian vertebrates: host and geographic effects. Microbiology (United Kingdom), 2003, 149, 3575-3586.	1.8	303
82	The influence of host dynamics on the clonal composition of Escherichia coli populations. Environmental Microbiology, 2002, 4, 306-313.	3.8	8
83	The genetic structure of Escherichia coli populations in primary and secondary habitats. Microbiology (United Kingdom), 2002, 148, 1513-1522.	1.8	142
84	Geographical structure and host specificity in bacteria and the implications for tracing the source of coliform contamination. Microbiology (United Kingdom), 2001, 147, 1079-1085.	1.8	136
85	Host and geographical factors influence the thermal niche of enteric bacteria isolated from native Australian mammals. Molecular Ecology, 2001, 10, 2499-2513.	3.9	21
86	Variations in antibiotic resistance profile in Enterobacteriaceae isolated from wild Australian mammals. Environmental Microbiology, 2000, 2, 620-631.	3.8	70
87	A theoretical and empirical investigation of the invasion dynamics of colicinogeny. Microbiology (United Kingdom), 1999, 145, 655-661.	1.8	60
88	The ecological role of bacteriocins in bacterial competition. Trends in Microbiology, 1999, 7, 129-133.	7.7	335
89	A rhizopine strain of Sinorhizobium meliloti remains at a competitive nodulation advantage after an extended period in the soil. Soil Biology and Biochemistry, 1999, 31, 1063-1065.	8.8	15
90	The distribution of enteric bacteria from Australian mammals: host and geographical effects. Microbiology (United Kingdom), 1999, 145, 2663-2671.	1.8	73

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91	The genetic structure of enteric bacteria from Australian mammals. Microbiology (United Kingdom), 1999, 145, 2673-2682.	1.8	43
92	Temporal changes in the frequency of colicinogeny in Escherichia coli from house mice. Microbiology (United Kingdom), 1998, 144, 2233-2240.	1.8	71
93	The genetic structure of Escherichia coli populations in feral house mice. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.8	56
94	The ecology and evolution of bacteriocins. Journal of Industrial Microbiology, 1996, 17, 151-158.	0.9	42
95	An Experimental Test of the Rhizopine Concept in Rhizobium meliloti. Applied and Environmental Microbiology, 1996, 62, 3991-3996.	3.1	60
96	The genetic structure of Rhizobium populations. Soil Biology and Biochemistry, 1995, 27, 491-499.	8.8	16
97	Rhizopinesâ€"Their role in symbiosis and competition. Soil Biology and Biochemistry, 1995, 27, 525-529.	8.8	91
98	The distribution of inositol rhizopine genes in Rhizobium populations. Soil Biology and Biochemistry, 1995, 27, 531-537.	8.8	44
99	A theoretical and experimental analysis of bacterial growth in the bladder. Molecular Microbiology, 1992, 6, 555-562.	2.5	85
100	Factors determining the functional response of the parasitoid <i>Venturia canescens</i>. Entomologia Experimentalis Et Applicata, 1989, 50, 3-6.	1.4	23
101	Experimental observations on the specificity ofEchinoparyphium recurvatum toward second intermediate hosts. Zeitschrift FÃ¼r Parasitenkunde (Berlin, Germany), 1983, 69, 217-222.	0.8	29
102	Experimental studies on the transmission dynamics of the cercariae of <i>Echinoparyphium recurvatum</i> (Digenea: Echinostomatidae). Parasitology, 1983, 87, 167-174.	1.5	50
103	Possible evidence for mortality induced by the parasite <i>Apatemon gracilis</i> in a population of brook sticklebacks (<i>Culaea inconstans</i>). Parasitology, 1982, 84, 41-47.	1.5	86
104	Variability in the abundance of animal and plant species. Nature, 1982, 296, 245-248.	27.8	229
105	Host specificity among the helminth parasites of four species of snakes. Canadian Journal of Zoology, 1980, 58, 929-930.	1.0	6
106	An investigation of the ecology of the map turtle, Graptemys geographica (Le Sueur), in the northern part of its range. Canadian Journal of Zoology, 1980, 58, 2210-2219.	1.0	33
107	Bilateral asymmetry of Diplostomum infections in the eyes of lake whitefish Coregonm clupeaformis (Mitchill) and a computer simulation of the observed metacercarial distribution. Journal of Fish Diseases, 1979, 2, 291-297.	1.9	11
108	The frequency distribution of tetracotyles of Apatemon gracilis pellucidus (Yamaguti, 1933) in stickleback Culaea inconstans (Kirtland) populations of homogeneous age and size structure. Journal of Fish Diseases, 1978, 1, 259-263.	1.9	4

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109	Overwintering of helminths in the garter snake (<i>Thamnophis sirtalis sirtalis</i>). Canadian Journal of Zoology, 1978, 56, 1765-1767.	1.0	10
110	A technique for the demonstration of the metacercariae of Apatemon gracilis pellucidus (Yamaguti,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 1977, 55, 1200-1201.	1.0	1
111	The Niche of<i>Escherichia coli</i>. , 0, , 67-89.		10