

# David L Gally

## List of Publications by Year in descending order

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32  
papers

1,749  
citations

279798

23  
h-index

414414

32  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1998  
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting Host Association for Shiga Toxin-Producing <i>E. coli</i> Serogroups by Machine Learning. <i>Methods in Molecular Biology</i> , 2021, 2291, 99-117.	0.9	1
2	Genome structural variation in <i>Escherichia coli</i> O157:H7. <i>Microbial Genomics</i> , 2021, 7, .	2.0	9
3	Comparison of Shiga toxin-encoding bacteriophages in highly pathogenic strains of Shiga toxin-producing <i>Escherichia coli</i> O157:H7 in the UK. <i>Microbial Genomics</i> , 2020, 6, .	2.0	25
4	Mechanisms involved in the adaptation of <i>Escherichia coli</i> O157:H7 to the host intestinal microenvironment. <i>Clinical Science</i> , 2020, 134, 3283-3301.	4.3	2
5	Shiga toxin sub-type 2a increases the efficiency of <i>Escherichia coli</i> O157 transmission between animals and restricts epithelial regeneration in bovine enteroids. <i>PLoS Pathogens</i> , 2019, 15, e1008003.	4.7	42
6	A guide to machine learning for bacterial host attribution using genome sequence data. <i>Microbial Genomics</i> , 2019, 5, .	2.0	26
7	High-Resolution, High-Throughput Analysis of Hfq-Binding Sites Using UV Crosslinking and Analysis of cDNA (CRAC). <i>Methods in Molecular Biology</i> , 2018, 1737, 251-272.	0.9	10
8	Ribosome maturation by the endoribonuclease YbeY stabilizes a type 3 secretion system transcript required for virulence of enterohemorrhagic <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2018, 293, 9006-9016.	3.4	27
9	An RNA-dependent mechanism for transient expression of bacterial translocation filaments. <i>Nucleic Acids Research</i> , 2018, 46, 3366-3381.	14.5	19
10	Small <scp>RNA</scp> interactome of pathogenic <i>E. coli</i> revealed through crosslinking of <scp>RN</scp>ase E. <i>EMBO Journal</i> , 2017, 36, 374-387.	7.8	153
11	Evolutionary Context of Non-“Sorbitol-Fermenting Shiga Toxin”-Producing <i>Escherichia coli</i> O55:H7. <i>Emerging Infectious Diseases</i> , 2017, 23, 1966-1973.	4.3	24
12	Patchy promiscuity: machine learning applied to predict the host specificity of <i>Salmonella enterica</i> and <i>Escherichia coli</i> . <i>Microbial Genomics</i> , 2017, 3, e000135.	2.0	46
13	Support vector machine applied to predict the zoonotic potential of <i>E. coli</i> O157 cattle isolates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11312-11317.	7.1	55
14	Type III Secretion-Dependent Sensitivity of <i>Escherichia coli</i> O157 to Specific Ketolides. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 459-470.	3.2	11
15	Short-term evolution of Shiga toxin-producing <i>Escherichia coli</i> O157:H7 between two food-borne outbreaks. <i>Microbial Genomics</i> , 2016, 2, e000084.	2.0	45
16	Evolution of a zoonotic pathogen: investigating prophage diversity in enterohaemorrhagic <i>Escherichia coli</i> O157 by long-read sequencing. <i>Microbial Genomics</i> , 2016, 2, e000096.	2.0	46
17	Bacterial Flagella: Twist and Stick, or Dodge across the Kingdoms. <i>PLoS Pathogens</i> , 2015, 11, e1004483.	4.7	144
18	Applying phylogenomics to understand the emergence of Shiga-toxin-producing <i>Escherichia coli</i> O157:H7 strains causing severe human disease in the UK. <i>Microbial Genomics</i> , 2015, 1, e000029.	2.0	105

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19	Flagella interact with ionic plant lipids to mediate adherence of pathogenic <i>Escherichia coli</i> to fresh produce plants. <i>Environmental Microbiology</i> , 2014, 16, 2181-2195.	3.8	43
20	Strain-Dependent Cellular Immune Responses in Cattle following <i>Escherichia coli</i> O157:H7 Colonization. <i>Infection and Immunity</i> , 2014, 82, 5117-5131.	2.2	28
21	Identification of Bacteriophage-Encoded Anti-sRNAs in Pathogenic <i>Escherichia coli</i> . <i>Molecular Cell</i> , 2014, 55, 199-213.	9.7	211
22	Lysogeny with Shiga Toxin 2-Encoding Bacteriophages Represses Type III Secretion in Enterohemorrhagic <i>Escherichia coli</i> . <i>PLoS Pathogens</i> , 2012, 8, e1002672.	4.7	57
23	Identification of a novel prophage regulator in <i>Escherichia coli</i> controlling the expression of type III secretion. <i>Molecular Microbiology</i> , 2012, 83, 208-223.	2.5	33
24	An investigation of the expression and adhesin function of H7 flagella in the interaction of <i>Escherichia coli</i> O157:H7 with bovine intestinal epithelium. <i>Cellular Microbiology</i> , 2009, 11, 121-137.	2.1	131
25	Controlling injection: regulation of type III secretion in enterohaemorrhagic <i>Escherichia coli</i> . <i>Trends in Microbiology</i> , 2009, 17, 361-370.	7.7	69
26	Hierarchical type III secretion of translocators and effectors from <i>Escherichia coli</i> O157:H7 requires the carboxy terminus of SepL that binds to Tir. <i>Molecular Microbiology</i> , 2008, 69, 1499-1512.	2.5	61
27	Regulation of P-Fimbrial Phase Variation Frequencies in <i>Escherichia coli</i> CFT073. <i>Infection and Immunity</i> , 2007, 75, 3325-3334.	2.2	37
28	Increased adherence and actin pedestal formation by dam-deficient enterohaemorrhagic <i>Escherichia coli</i> O157:H7. <i>Molecular Microbiology</i> , 2007, 63, 1468-1481.	2.5	53
29	Generation of gene deletions and gene replacements in <i>Escherichia coli</i> O157:H7 using a temperature sensitive allelic exchange system. <i>Biological Procedures Online</i> , 2006, 8, 153-162.	2.9	21
30	Enterohaemorrhagic <i>E. coli</i> in veterinary medicine. <i>International Journal of Medical Microbiology</i> , 2005, 295, 419-441.	3.6	75
31	Co-ordinate single-cell expression of LEE4- and LEE5-encoded proteins of <i>Escherichia coli</i> O157:H7. <i>Molecular Microbiology</i> , 2004, 54, 337-352.	2.5	50
32	Heterogeneous Surface Expression of EspA Translocon Filaments by <i>Escherichia coli</i> O157:H7 Is Controlled at the Posttranscriptional Level. <i>Infection and Immunity</i> , 2003, 71, 5900-5909.	2.2	82