

France Daigle

List of Publications by Year in descending order

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61
papers

2,488
citations

201385

27
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214527

47
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64
all docs

64
docs citations

64
times ranked

2856
citing authors

#	ARTICLE	IF	CITATIONS
1	Salmonella enterica subsp. enterica virulence potential can be linked to higher survival within a dynamic in vitro human gastrointestinal model. Food Microbiology, 2022, 101, 103877.	2.1	5
2	Special Issue "Salmonella: Pathogenesis and Host Restriction". Microorganisms, 2021, 9, 325.	1.6	1
3	Identification of Crp as a novel regulator of the Std fimbrial expression in Salmonella. Microbiology (United Kingdom), 2021, 167, .	0.7	1
4	The Polymeric Matrix Composition of <i>Vibrio cholerae</i> Biofilms Modulate Resistance to Silver Nanoparticles Prepared by Hydrothermal Synthesis. ACS Applied Materials & Interfaces, 2021, 13, 35356-35364.	4.0	12
5	Mechanical and microstructural insights of <i>Vibrio cholerae</i> and <i>Escherichia coli</i> dual-species biofilm at the air-liquid interface. Colloids and Surfaces B: Biointerfaces, 2020, 188, 110786.	2.5	16
6	The Salmonella enterica Plasmidome as a Reservoir of Antibiotic Resistance. Microorganisms, 2020, 8, 1016.	1.6	23
7	New Roles for Two-Component System Response Regulators of Salmonella enterica Serovar Typhi during Host Cell Interactions. Microorganisms, 2020, 8, 722.	1.6	19
8	Combining Whole-Genome Sequencing and Multimodel Phenotyping To Identify Genetic Predictors of <i>Salmonella</i> Virulence. MSphere, 2020, 5, .	1.3	9
9	Long- and short-term antibacterial properties of low-density polyethylene-based films coated with zinc oxide nanoparticles for potential use in food packaging. Journal of Plastic Film and Sheeting, 2019, 35, 117-134.	1.3	24
10	Microbiological and real-time mechanical analysis of <i>Bacillus licheniformis</i> and <i>Pseudomonas fluorescens</i> dual-species biofilm. Microbiology (United Kingdom), 2019, 165, 747-756.	0.7	11
11	Chitosan-based nanofibers as bioactive meat packaging materials. Packaging Technology and Science, 2018, 31, 185-195.	1.3	55
12	Functional Analysis of the Chaperone-Usher Fimbrial Gene Clusters of Salmonella enterica serovar Typhi. Frontiers in Cellular and Infection Microbiology, 2018, 8, 26.	1.8	26
13	Salmonella enterica Prophage Sequence Profiles Reflect Genome Diversity and Can Be Used for High Discrimination Subtyping. Frontiers in Microbiology, 2018, 9, 836.	1.5	53
14	Combined Effect of Ultrasound Stimulations and Autoclaving on the Enhancement of Antibacterial Activity of ZnO and SiO ₂ /ZnO Nanoparticles. Nanomaterials, 2018, 8, 129.	1.9	37
15	Effect of Chitosan Physical Form on Its Antibacterial Activity Against Pathogenic Bacteria. Journal of Food Science, 2017, 82, 679-686.	1.5	21
16	Antibacterial electrospun chitosan-based nanofibers: A bacterial membrane perforator. Food Science and Nutrition, 2017, 5, 865-874.	1.5	80
17	Salmonella enterica serovar Typhi siderophore production is elevated and Fur inactivation causes cell filamentation and attenuation in macrophages. FEMS Microbiology Letters, 2017, 364, .	0.7	5
18	Systematic Analysis of Two-Component Systems in <i>Citrobacter rodentium</i> Reveals Positive and Negative Roles in Virulence. Infection and Immunity, 2017, 85, .	1.0	16

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19	Antibacterial Activity of Neat Chitosan Powder and Flakes. <i>Molecules</i> , 2017, 22, 100.	1.7	36
20	Mechanism of Action of Electrospun Chitosan-Based Nanofibers against Meat Spoilage and Pathogenic Bacteria. <i>Molecules</i> , 2017, 22, 585.	1.7	87
21	A Syst-OMICS Approach to Ensuring Food Safety and Reducing the Economic Burden of Salmonellosis. <i>Frontiers in Microbiology</i> , 2017, 8, 996.	1.5	42
22	Regulation and production of Tcf, a cable-like fimbriae from <i>Salmonella enterica</i> serovar Typhi. <i>Microbiology (United Kingdom)</i> , 2016, 162, 777-788.	0.7	17
23	Monitoring F165 1 P-Like Fimbria Expression at the Single-Cell Level Reveals a Highly Heterogeneous Phenotype. <i>Infection and Immunity</i> , 2015, 83, 1929-1939.	1.0	4
24	The CpxRA Two-Component System Is Essential for <i>Citrobacter rodentium</i> Virulence. <i>Infection and Immunity</i> , 2015, 83, 1919-1928.	1.0	31
25	The Small RNA RyhB Contributes to Siderophore Production and Virulence of Uropathogenic <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 2014, 82, 5056-5068.	1.0	61
26	Role of the <i>Salmonella enterica</i> serovar Typhi Fur regulator and small RNAs RfrA and RfrB in iron homeostasis and interaction with host cells. <i>Microbiology (United Kingdom)</i> , 2013, 159, 591-602.	0.7	46
27	Shiga toxins decrease enterohaemorrhagic <i>Escherichia coli</i> survival within <i>Acanthamoeba castellanii</i> . <i>FEMS Microbiology Letters</i> , 2013, 344, 86-93.	0.7	19
28	Survival of enterohemorrhagic <i>Escherichia coli</i> in the presence of <i>Acanthamoeba castellanii</i> and its dependence on Pho regulon. <i>MicrobiologyOpen</i> , 2012, 1, 427-437.	1.2	26
29	Selection of <i>Salmonella enterica</i> Serovar Typhi Genes Involved during Interaction with Human Macrophages by Screening of a Transposon Mutant Library. <i>PLoS ONE</i> , 2012, 7, e36643.	1.1	41
30	Global gene expression profiling of <i>Ehrlichia ruminantium</i> at different stages of development. <i>FEMS Immunology and Medical Microbiology</i> , 2012, 64, 66-73.	2.7	28
31	Increased Persistence of <i>Salmonella enterica</i> Serovar Typhi in the Presence of <i>Acanthamoeba castellanii</i> . <i>Applied and Environmental Microbiology</i> , 2011, 77, 7640-7646.	1.4	46
32	So similar, yet so different: uncovering distinctive features in the genomes of <i>Salmonella enterica</i> serovars Typhimurium and Typhi. <i>FEMS Microbiology Letters</i> , 2010, 305, 1-13.	0.7	189
33	Phase variation has a role in <i>Burkholderia ambifaria</i> niche adaptation. <i>ISME Journal</i> , 2010, 4, 49-60.	4.4	35
34	Intracellular survival of <i>Salmonella enterica</i> serovar Typhi in human macrophages is independent of <i>Salmonella</i> pathogenicity island (SPI)-2. <i>Microbiology (United Kingdom)</i> , 2010, 156, 3689-3698.	0.7	68
35	Characterization of <i>Salmonella</i> Typhimurium isolates associated with septicemia in swine. <i>Canadian Journal of Veterinary Research</i> , 2010, 74, 11-7.	0.2	6
36	A novel PhoP-regulated locus encoding the cytolysin ClyA and the secreted invasin TaiA of <i>Salmonella enterica</i> serovar Typhi is involved in virulence. <i>Microbiology (United Kingdom)</i> , 2009, 155, 477-488.	0.7	39

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37	Interaction between Host Cells and Septicemic <i>Salmonella enterica</i> Serovar Typhimurium Isolates from Pigs. <i>Journal of Clinical Microbiology</i> , 2009, 47, 3413-3419.	1.8	7
38	Innovative approach for transcriptomic analysis of obligate intracellular pathogen: selective capture of transcribed sequences of <i>Ehrlichia ruminantium</i> . <i>BMC Molecular Biology</i> , 2009, 10, 111.	3.0	20
39	An outer membrane protease of the ompT family prevents activation of the <i>Citrobacter rodentium</i> PhoPQ two-component system by antimicrobial peptides. <i>Molecular Microbiology</i> , 2009, 74, 98-111.	1.2	26
40	Identification of <i>Salmonella typhi</i> genes expressed within macrophages by selective capture of transcribed sequences (SCOTS). <i>Molecular Microbiology</i> , 2008, 41, 1211-1222.	1.2	91
41	The <i>prpZ</i> gene cluster encoding eukaryotic-type Ser/Thr protein kinases and phosphatases is repressed by oxidative stress and involved in <i>Salmonella enterica</i> serovar Typhi survival in human macrophages. <i>FEMS Microbiology Letters</i> , 2008, 281, 160-166.	0.7	28
42	<i>Escherichia coli</i> O157:H7 Survives within Human Macrophages: Global Gene Expression Profile and Involvement of the Shiga Toxins. <i>Infection and Immunity</i> , 2008, 76, 4814-4822.	1.0	70
43	Typhi genes expressed during infection or involved in pathogenesis. <i>Journal of Infection in Developing Countries</i> , 2008, 2, 431-7.	0.5	18
44	Contribution of the <i>stg</i> Fimbrial Operon of <i>Salmonella enterica</i> Serovar Typhi during Interaction with Human Cells. <i>Infection and Immunity</i> , 2007, 75, 5264-5271.	1.0	36
45	Use of Selective Capture of Transcribed Sequences To Identify Genes Preferentially Expressed by <i>Streptococcus suis</i> upon Interaction with Porcine Brain Microvascular Endothelial Cells. <i>Applied and Environmental Microbiology</i> , 2007, 73, 4359-4364.	1.4	40
46	Characterization of <i>Stg</i> Fimbriae from an Avian Pathogenic <i>Escherichia coli</i> O78:K80 Strain and Assessment of Their Contribution to Colonization of the Chicken Respiratory Tract. <i>Journal of Bacteriology</i> , 2006, 188, 6449-6459.	1.0	56
47	Transcriptome of <i>Salmonella enterica</i> serovar Typhi within macrophages revealed through the selective capture of transcribed sequences. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 1906-1911.	3.3	149
48	The presence of the <i>tet</i> gene from cloning vectors impairs <i>Salmonella</i> survival in macrophages. <i>FEMS Microbiology Letters</i> , 2005, 242, 305-312.	0.7	10
49	Inactivation of the Pst System Reduces the Virulence of an Avian Pathogenic <i>Escherichia coli</i> O78 Strain. <i>Infection and Immunity</i> , 2005, 73, 4138-4145.	1.0	88
50	Selective Capture of <i>Salmonella enterica</i> Serovar Typhi Genes Expressed in Macrophages That Are Absent from the <i>Salmonella enterica</i> Serovar Typhimurium Genome. <i>Infection and Immunity</i> , 2005, 73, 5217-5221.	1.0	36
51	Identification of pathogen-specific and conserved genes expressed in vivo by an avian pathogenic <i>Escherichia coli</i> strain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 247-252.	3.3	214
52	Microbial gene expression elucidated by selective capture of transcribed sequences (SCOTS). <i>Methods in Enzymology</i> , 2002, 358, 108-122.	0.4	22
53	Effects of global regulatory proteins and environmental conditions on fimbrial gene expression of F1651 and F1652 produced by <i>Escherichia coli</i> causing septicemia in pigs. <i>Research in Microbiology</i> , 2000, 151, 563-574.	1.0	11
54	Phase variation of F165 ₁ (Prs-like) fimbriae from <i>Escherichia coli</i> causing septicemia in animals. <i>Canadian Journal of Microbiology</i> , 2000, 46, 1101-1107.	0.8	9

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55	Phase variation of F165 ₁ (Prs-like) fimbriae from <i>Escherichia coli</i> causing septicaemia in animals. Canadian Journal of Microbiology, 2000, 46, 1101-1107.	0.8	4
56	Mutations in the and fimbrial genes and regulation of their expression in an strain causing septicemia in pigs. Microbial Pathogenesis, 1997, 22, 247-252.	1.3	7
57	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.	1.2	208
58	Expression and detection of <i>pap</i> -, <i>sfa</i> -, and <i>afa</i> -encoded fimbrial adhesin systems among uropathogenic <i>Escherichia coli</i> . Canadian Journal of Microbiology, 1994, 40, 286-291.	0.8	54
59	Occurrence of <i>pap</i> -, <i>sfa</i> -, and <i>afa</i> -related sequences among F165-positive <i>Escherichia coli</i> from diseased animals. FEMS Microbiology Letters, 1991, 82, 177-182.	0.7	26
60	Occurrence of <i>pap</i> -, <i>sfa</i> -, and <i>afa</i> -related sequences among F165-positive <i>Escherichia coli</i> from diseased animals. FEMS Microbiology Letters, 1991, 66, 177-82.	0.7	17
61	Salmonella Fimbriae: What is the Clue to Their Hairdo?. , 0, , .		5