

Brendan W Wren

List of Publications by Year in descending order

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289
papers

17,884
citations

13827

67
h-index

18606

119
g-index

321
all docs

321
docs citations

321
times ranked

13801
citing authors

#	ARTICLE	IF	CITATIONS
1	MdaB and NfrA, Two Novel Reductases Important in the Survival and Persistence of the Major Enteropathogen <i>Campylobacter jejuni</i> . <i>Journal of Bacteriology</i> , 2022, 204, JB0042121.	1.0	3
2	PglB function and glycosylation efficiency is temperature dependent when the pgl locus is integrated in the <i>Escherichia coli</i> chromosome. <i>Microbial Cell Factories</i> , 2022, 21, 6.	1.9	3
3	Transient internalization of <i>Campylobacter jejuni</i> in <i>Amoebae</i> enhances subsequent invasion of human cells. <i>Microbiology (United Kingdom)</i> , 2022, 168, .	0.7	5
4	Engineering a suite of <i>E. coli</i> strains for enhanced expression of bacterial polysaccharides and glycoconjugate vaccines. <i>Microbial Cell Factories</i> , 2022, 21, 66.	1.9	5
5	Defining the Genes Required for Survival of <i>Mycobacterium bovis</i> in the Bovine Host Offers Novel Insights into the Genetic Basis of Survival of Pathogenic <i>Mycobacteria</i> . <i>MBio</i> , 2022, 13, .	1.8	3
6	Profiling of <i>Haemophilus influenzae</i> strain R2866 with carbohydrate-based covalent probes. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 476-485.	1.5	0
7	Extracellular DNA, cell surface proteins and c-di-GMP promote biofilm formation in <i>Clostridioides difficile</i> . <i>Scientific Reports</i> , 2021, 11, 3244.	1.6	34
8	Development of an automated platform for the optimal production of glycoconjugate vaccines expressed in <i>Escherichia coli</i> . <i>Microbial Cell Factories</i> , 2021, 20, 104.	1.9	5
9	Use of Precision-Cut Tissue Slices as a Translational Model to Study Host-Pathogen Interaction. <i>Frontiers in Veterinary Science</i> , 2021, 8, 686088.	0.9	19
10	Sequential Vaccination With Heterologous <i>Acinetobacter baumannii</i> Strains Induces Broadly Reactive Antibody Responses. <i>Frontiers in Immunology</i> , 2021, 12, 705533.	2.2	4
11	The X-ray structure of <i>L</i> -threonine dehydrogenase from the common hospital pathogen <i>Clostridium difficile</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2021, 77, 269-274.	0.4	1
12	Multivalent poultry vaccine development using Protein Glycan Coupling Technology. <i>Microbial Cell Factories</i> , 2021, 20, 193.	1.9	7
13	Production of p-cresol by Decarboxylation of p-HPA by All Five Lineages of <i>Clostridioides difficile</i> Provides a Growth Advantage. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 757599.	1.8	7
14	Complete genome for <i>Actinobacillus pleuropneumoniae</i> serovar 8 reference strain 405: comparative analysis with draft genomes for different laboratory stock cultures indicates little genetic variation. <i>Microbial Genomics</i> , 2021, 7, .	1.0	1
15	Evaluation of a <i>Campylobacter jejuni</i> N-glycan-ExoA glycoconjugate vaccine to reduce <i>C. jejuni</i> colonisation in chickens. <i>Vaccine</i> , 2021, , .	1.7	3
16	Rationally designed mariner vectors for functional genomic analysis of <i>Actinobacillus pleuropneumoniae</i> and other Pasteurellaceae species by transposon-directed insertion-site sequencing (TraDIS). <i>Animal Diseases</i> , 2021, 1, 29.	0.6	1
17	Probing Differences in Gene Essentiality Between the Human and Animal Adapted Lineages of the <i>Mycobacterium tuberculosis</i> Complex Using TnSeq. <i>Frontiers in Veterinary Science</i> , 2021, 8, 760717.	0.9	6
18	The recent emergence of a highly related virulent <i>Clostridium difficile</i> clade with unique characteristics. <i>Clinical Microbiology and Infection</i> , 2020, 26, 492-498.	2.8	36

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19	In vitro and in vivo characterisation of <i>Listeria monocytogenes</i> outbreak isolates. <i>Food Control</i> , 2020, 107, 106784.	2.8	19
20	Transmission of multidrug-resistant <i>Campylobacter jejuni</i> to children from different sources in Pakistan. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 20, 219-224.	0.9	13
21	Evaluation of Glycosylated FlpA and SodB as Subunit Vaccines Against <i>Campylobacter jejuni</i> Colonisation in Chickens. <i>Vaccines</i> , 2020, 8, 520.	2.1	13
22	Characterization of Posttranslationally Modified Multidrug Efflux Pumps Reveals an Unexpected Link between Glycosylation and Antimicrobial Resistance. <i>MBio</i> , 2020, 11, .	1.8	20
23	Serovar-dependent differences in Hfq-regulated phenotypes in <i>Actinobacillus pleuropneumoniae</i> . <i>Pathogens and Disease</i> , 2020, 78, .	0.8	9
24	Impact of industrial production system parameters on chicken microbiomes: mechanisms to improve performance and reduce <i>Campylobacter</i> . <i>Microbiome</i> , 2020, 8, 128.	4.9	38
25	CSF Levels of Elongation Factor Tu Is Associated With Increased Mortality in Malawian Adults With <i>Streptococcus pneumoniae</i> Meningitis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 603623.	1.8	5
26	Revisiting aminocoumarins for the treatment of melioidosis. <i>International Journal of Antimicrobial Agents</i> , 2020, 56, 106002.	1.1	5
27	Evaluation of the recombinant proteins RlpB and VacJ as a vaccine for protection against <i>Glaesserella parasuis</i> in pigs. <i>BMC Veterinary Research</i> , 2020, 16, 167.	0.7	5
28	Draft Genome Sequences of the Type Strains of <i>Actinobacillus indolicus</i> (46K2C) and <i>Actinobacillus porcicus</i> (NM319), Two NAD-Dependent Bacterial Species Found in the Respiratory Tract of Pigs. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	2
29	<i>Clostridioides difficile</i> para -Cresol Production Is Induced by the Precursor para -Hydroxyphenylacetate. <i>Journal of Bacteriology</i> , 2020, 202, .	1.0	12
30	Improving protein glycan coupling technology (PGCT) for glycoconjugate vaccine production. <i>Expert Review of Vaccines</i> , 2020, 19, 507-527.	2.0	21
31	Ferric Citrate Regulator FecR Is Translocated across the Bacterial Inner Membrane via a Unique Twin-Arginine Transport-Dependent Mechanism. <i>Journal of Bacteriology</i> , 2020, 202, .	1.0	4
32	Generation and Evaluation of a <i>Glaesserella</i> (<i>Haemophilus</i>) <i>parasuis</i> Capsular Mutant. <i>Infection and Immunity</i> , 2020, 88, .	1.0	7
33	Virulence of the emerging pathogen, <i>Burkholderia pseudomallei</i> , depends upon the O-linked oligosaccharyltransferase, PglL. <i>Future Microbiology</i> , 2020, 15, 241-257.	1.0	8
34	Revisiting <i>Campylobacter jejuni</i> Virulence and Fitness Factors: Role in Sensing, Adapting, and Competing. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 607704.	1.8	36
35	Construction of a pneumolysin deficient mutant in <i>streptococcus pneumoniae</i> serotype 1 strain 519/43 and phenotypic characterisation. <i>Microbial Pathogenesis</i> , 2020, 141, 103999.	1.3	6
36	Microbe Profile: <i>Campylobacter jejuni</i> " survival instincts. <i>Microbiology (United Kingdom)</i> , 2020, 166, 230-232.	0.7	16

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37	Constructing Mutants in Serotype 1 <i>Streptococcus pneumoniae</i> strain 519/43. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	1
38	<i>Clostridium perfringens</i> epsilon toxin vaccine candidate lacking toxicity to cells expressing myelin and lymphocyte protein. <i>Npj Vaccines</i> , 2019, 4, 32.	2.9	8
39	Adaptation of host transmission cycle during <i>Clostridium difficile</i> speciation. <i>Nature Genetics</i> , 2019, 51, 1315-1320.	9.4	41
40	Type III secretion system confers enhanced virulence in clinical non-O1/non-O139 <i>Vibrio cholerae</i> . <i>Microbial Pathogenesis</i> , 2019, 135, 103645.	1.3	17
41	<i>Clostridium difficile</i> clade 3 (RT023) have a modified cell surface and contain a large transposable island with novel cargo. <i>Scientific Reports</i> , 2019, 9, 15330.	1.6	3
42	Sodium Taurocholate Stimulates <i>Campylobacter jejuni</i> Outer Membrane Vesicle Production via Down-Regulation of the Maintenance of Lipid Asymmetry Pathway. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 177.	1.8	26
43	Quantitative Analyses Reveal Novel Roles for <i>N-glycosylation</i> in a Major Enteric Bacterial Pathogen. <i>MBio</i> , 2019, 10, .	1.8	39
44	Recent advances in the production of recombinant glycoconjugate vaccines. <i>Npj Vaccines</i> , 2019, 4, 16.	2.9	79
45	Pathotyping the Zoonotic Pathogen <i>Streptococcus suis</i> : Novel Genetic Markers To Differentiate Invasive Disease-Associated Isolates from Non-Disease-Associated Isolates from England and Wales. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	29
46	Environmental interactions are regulated by temperature in <i>Burkholderia seminalis</i> TC3.4.2R3. <i>Scientific Reports</i> , 2019, 9, 5486.	1.6	3
47	The <i>Campylobacter jejuni</i> Type VI Secretion System Enhances the Oxidative Stress Response and Host Colonization. <i>Frontiers in Microbiology</i> , 2019, 10, 2864.	1.5	39
48	Reviving Phage Therapy for the Treatment of Cholera. <i>Journal of Infectious Diseases</i> , 2019, 219, 786-794.	1.9	32
49	Cytoplasmic glycoengineering of Apx toxin fragments in the development of <i>Actinobacillus pleuropneumoniae</i> glycoconjugate vaccines. <i>BMC Veterinary Research</i> , 2019, 15, 6.	0.7	11
50	Domestication of <i>Campylobacter jejuni</i> NCTC 11168. <i>Microbial Genomics</i> , 2019, 5, .	1.0	26
51	Genome-wide assessment of antimicrobial tolerance in <i>Yersinia pseudotuberculosis</i> under ciprofloxacin stress. <i>Microbial Genomics</i> , 2019, 5, .	1.0	6
52	The <i>Streptococcus suis</i> sortases SrtB and SrtF are essential for disease in pigs. <i>Microbiology (United Kingdom)</i> 2019, 163, 1077-1087.	6.7	107
53	Structure-activity relationships in a new class of non-substrate-like covalent inhibitors of the bacterial glycosyltransferase LgtC. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 2973-2983.	1.4	12
54	Proposal of serovars 17 and 18 of <i>Actinobacillus pleuropneumoniae</i> based on serological and genotypic analysis. <i>Veterinary Microbiology</i> , 2018, 217, 1-6.	0.8	64

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55	Functional analysis of the <i>Helicobacter pullorum</i> N-linked protein glycosylation system. <i>Glycobiology</i> , 2018, 28, 233-244.	1.3	17
56	A recombinant conjugated pneumococcal vaccine that protects against murine infections with a similar efficacy to Prevnar-13. <i>Npj Vaccines</i> , 2018, 3, 53.	2.9	39
57	An O-Antigen Glycoconjugate Vaccine Produced Using Protein Glycan Coupling Technology Is Protective in an Inhalational Rat Model of Tularemia. <i>Journal of Immunology Research</i> , 2018, 2018, 1-12.	0.9	21
58	The S-layer protein of a <i>Clostridium difficile</i> SLCT-11 strain displays a complex glycan required for normal cell growth and morphology. <i>Journal of Biological Chemistry</i> , 2018, 293, 18123-18137.	1.6	13
59	Comprehensive Longitudinal Microbiome Analysis of the Chicken Cecum Reveals a Shift From Competitive to Environmental Drivers and a Window of Opportunity for <i>Campylobacter</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 2452.	1.5	60
60	Para-cresol production by <i>Clostridium difficile</i> affects microbial diversity and membrane integrity of Gram-negative bacteria. <i>PLoS Pathogens</i> , 2018, 14, e1007191.	2.1	98
61	Production and efficacy of a low-cost recombinant pneumococcal protein polysaccharide conjugate vaccine. <i>Vaccine</i> , 2018, 36, 3809-3819.	1.7	28
62	Exploring the oxidative, antimicrobial and genomic properties of <i>Campylobacter jejuni</i> strains isolated from poultry. <i>Research in Veterinary Science</i> , 2018, 119, 170-175.	0.9	14
63	Inactivation of bps1039-1040 ATP-binding cassette transporter reduces intracellular survival in macrophages, biofilm formation and virulence in the murine model of <i>Burkholderia pseudomallei</i> infection. <i>PLoS ONE</i> , 2018, 13, e0196202.	1.1	12
64	High-throughput analysis of <i>Yersinia pseudotuberculosis</i> gene essentiality in optimised in vitro conditions, and implications for the speciation of <i>Yersinia pestis</i> . <i>BMC Microbiology</i> , 2018, 18, 46.	1.3	13
65	Comparative sequence analysis of the capsular polysaccharide loci of <i>Actinobacillus pleuropneumoniae</i> serovars 18, and development of two multiplex PCRs for comprehensive capsule typing. <i>Veterinary Microbiology</i> , 2018, 220, 83-89.	0.8	49
66	<i>Vibrio cholerae</i> accessory colonisation factor AcfC: a chemotactic protein with a role in hyperinfectivity. <i>Scientific Reports</i> , 2018, 8, 8390.	1.6	13
67	The bile salt sodium taurocholate induces <i>Campylobacter jejuni</i> outer membrane vesicle production and increases OMV-associated proteolytic activity. <i>Cellular Microbiology</i> , 2018, 20, e12814.	1.1	27
68	Use of Proteins Identified through a Functional Genomic Screen To Develop a Protein Subunit Vaccine That Provides Significant Protection against Virulent <i>Streptococcus suis</i> in Pigs. <i>Infection and Immunity</i> , 2018, 86, .	1.0	16
69	The importance of the glycosylation of antimicrobial peptides: natural and synthetic approaches. <i>Drug Discovery Today</i> , 2017, 22, 919-926.	3.2	73
70	The N-linking glycosylation system from <i>Actinobacillus pleuropneumoniae</i> is required for adhesion and has potential use in glycoengineering. <i>Open Biology</i> , 2017, 7, 160212.	1.5	29
71	The In Vitro and In Vivo Effect of Carvacrol in Preventing <i>Campylobacter</i> Infection, Colonization and in Improving Productivity of Chicken Broilers. <i>Foodborne Pathogens and Disease</i> , 2017, 14, 341-349.	0.8	42
72	Draft Genome Sequence of <i>Campylobacter jejuni</i> 11168H. <i>Genome Announcements</i> , 2017, 5, .	0.8	3

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73	Pathotyping Multiplex PCR Assay for <i>Haemophilus parasuis</i> : a Tool for Prediction of Virulence. <i>Journal of Clinical Microbiology</i> , 2017, 55, 2617-2628.	1.8	18
74	Comparative Genome Analysis and Global Phylogeny of the Toxin Variant <i>Clostridium difficile</i> PCR Ribotype 017 Reveals the Evolution of Two Independent Sublineages. <i>Journal of Clinical Microbiology</i> , 2017, 55, 865-876.	1.8	50
75	Comparative Genomic Analysis and In Vivo Modeling of <i>Streptococcus pneumoniae</i> ST3081 and ST618 Isolates Reveal Key Genetic and Phenotypic Differences Contributing to Clonal Replacement of Serotype 1 in The Gambia. <i>Journal of Infectious Diseases</i> , 2017, 216, 1318-1327.	1.9	11
76	Disparate subcellular location of putative sortase substrates in <i>Clostridium difficile</i> . <i>Scientific Reports</i> , 2017, 7, 9204.	1.6	5
77	<i>Galleria mellonella</i> is low cost and suitable surrogate host for studying virulence of human pathogenic <i>Vibrio cholerae</i> . <i>Gene</i> , 2017, 628, 1-7.	1.0	13
78	Patterns of antimicrobial resistance in <i>Streptococcus suis</i> isolates from pigs with or without streptococcal disease in England between 2009 and 2014. <i>Veterinary Microbiology</i> , 2017, 207, 117-124.	0.8	53
79	Whole Genome Sequencing for Surveillance of Antimicrobial Resistance in <i>Actinobacillus pleuropneumoniae</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 311.	1.5	42
80	ICEAp1, an Integrative Conjugative Element Related to ICEHin1056, Identified in the Pig Pathogen <i>Actinobacillus pleuropneumoniae</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 810.	1.5	20
81	The <i>Campylobacter jejuni</i> Oxidative Stress Regulator RrpB Is Associated with a Genomic Hypervariable Region and Altered Oxidative Stress Resistance. <i>Frontiers in Microbiology</i> , 2016, 07, 2117.	1.5	32
82	The Type B Flagellin of Hypervirulent <i>Clostridium difficile</i> Is Modified with Novel Sulfonated Peptidylamido-glycans. <i>Journal of Biological Chemistry</i> , 2016, 291, 25439-25449.	1.6	16
83	<i>Campylobacter jejuni</i> outer membrane vesicle-associated proteolytic activity promotes bacterial invasion by mediating cleavage of intestinal epithelial cell E-cadherin and occludin. <i>Cellular Microbiology</i> , 2016, 18, 561-572.	1.1	113
84	Recombinant expression of <i>Streptococcus pneumoniae</i> capsular polysaccharides in <i>Escherichia coli</i> . <i>Open Biology</i> , 2016, 6, 150243.	1.5	35
85	Characterization of enteropathogenic <i>Escherichia coli</i> of clinical origin from the pediatric population in Pakistan. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2016, 110, 414-420.	0.7	10
86	Role of Glycosyltransferases Modifying Type B Flagellin of Emerging Hypervirulent <i>Clostridium difficile</i> Lineages and Their Impact on Motility and Biofilm Formation. <i>Journal of Biological Chemistry</i> , 2016, 291, 25450-25461.	1.6	49
87	Phenotypic and genotypic characterization of enteroaggregative <i>Escherichia coli</i> isolates from pediatric population in Pakistan. <i>Apmis</i> , 2016, 124, 872-880.	0.9	11
88	Draft Genome Sequence of <i>Robinsoniella peoriensis</i> 6600698, a Confounder of <i>Clostridium difficile</i> Diagnosis. <i>Genome Announcements</i> , 2016, 4, .	0.8	1
89	YPTB3816 of <i>Yersinia pseudotuberculosis</i> strain IP32953 is a virulence-related metallo-oligopeptidase. <i>BMC Microbiology</i> , 2016, 16, 282.	1.3	1
90	Infection Susceptibility in Gastric Intrinsic Factor (Vitamin B ₁₂)-Defective Mice Is Subject to Maternal Influences. <i>MBio</i> , 2016, 7, .	1.8	8

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91	Genome-Based Infection Tracking Reveals Dynamics of <i>Clostridium difficile</i> Transmission and Disease Recurrence. <i>Clinical Infectious Diseases</i> , 2016, 62, 746-752.	2.9	71
92	'Add, stir and reduce': <i>Yersinia</i> spp. as model bacteria for pathogen evolution. <i>Nature Reviews Microbiology</i> , 2016, 14, 177-190.	13.6	130
93	Intracellular replication of the well-armed pathogen <i>Burkholderia pseudomallei</i> . <i>Current Opinion in Microbiology</i> , 2016, 29, 94-103.	2.3	59
94	Complete Genome Sequence of MIDG2331, a Genetically Tractable Serovar 8 Clinical Isolate of <i>Actinobacillus pleuropneumoniae</i> . <i>Genome Announcements</i> , 2016, 4, .	0.8	26
95	Characterization of New Virulence Factors Involved in the Intracellular Growth and Survival of <i>Burkholderia pseudomallei</i> . <i>Infection and Immunity</i> , 2016, 84, 701-710.	1.0	41
96	Functional analysis of N-linking oligosaccharyl transferase enzymes encoded by deep-sea vent proteobacteria. <i>Glycobiology</i> , 2016, 26, 398-409.	1.3	30
97	All <i>Yersinia enterocolitica</i> are pathogenic: virulence of phylogroup 1 <i>Y. enterocolitica</i> in a <i>Galleria mellonella</i> infection model. <i>Microbiology (United Kingdom)</i> , 2016, 162, 1379-1387.	0.7	22
98	A Phylogenetic and Phenotypic Analysis of <i>Salmonella enterica</i> Serovar Weltevreden, an Emerging Agent of Diarrheal Disease in Tropical Regions. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004446.	1.3	59
99	Chromosomal integration vectors allowing flexible expression of foreign genes in <i>Campylobacter jejuni</i> . <i>BMC Microbiology</i> , 2015, 15, 230.	1.3	13
100	Virulence characteristics of hcp + <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> isolates from retail chicken. <i>Gut Pathogens</i> , 2015, 7, 20.	1.6	41
101	The <i>Campylobacter jejuni</i> MarR-like transcriptional regulators RrpA and RrpB both influence bacterial responses to oxidative and aerobic stresses. <i>Frontiers in Microbiology</i> , 2015, 6, 724.	1.5	27
102	Whole genome investigation of a divergent clade of the pathogen <i>Streptococcus suis</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 1191.	1.5	27
103	<i>Galleria mellonella</i> is an effective model to study <i>Actinobacillus pleuropneumoniae</i> infection. <i>Microbiology (United Kingdom)</i> , 2015, 161, 387-400.	0.7	52
104	Cyclic diGMP Regulates Production of Sortase Substrates of <i>Clostridium difficile</i> and Their Surface Exposure through Zmpl Protease-mediated Cleavage. <i>Journal of Biological Chemistry</i> , 2015, 290, 24453-24469.	1.6	74
105	Pancreatic Amylase Is an Environmental Signal for Regulation of Biofilm Formation and Host Interaction in <i>Campylobacter jejuni</i> . <i>Infection and Immunity</i> , 2015, 83, 4884-4895.	1.0	8
106	Characterisation of a mobilisable plasmid conferring florfenicol and chloramphenicol resistance in <i>Actinobacillus pleuropneumoniae</i> . <i>Veterinary Microbiology</i> , 2015, 178, 279-282.	0.8	34
107	Genomic signatures of human and animal disease in the zoonotic pathogen <i>Streptococcus suis</i> . <i>Nature Communications</i> , 2015, 6, 6740.	5.8	124
108	Genomic Epidemiology of a Protracted Hospital Outbreak Caused by a Toxin A-Negative <i>Clostridium difficile</i> Sublineage PCR Ribotype 017 Strain in London, England. <i>Journal of Clinical Microbiology</i> , 2015, 53, 3141-3147.	1.8	46

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109	Development of a Multiplex PCR Assay for Rapid Molecular Serotyping of <i>Haemophilus parasuis</i> . <i>Journal of Clinical Microbiology</i> , 2015, 53, 3812-3821.	1.8	80
110	Identification of <i>dfrA14</i> in two distinct plasmids conferring trimethoprim resistance in <i>Actinobacillus pleuropneumoniae</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2217-2222.	1.3	30
111	Genome-Wide Evaluation of the Interplay between <i>Caenorhabditis elegans</i> and <i>Yersinia pseudotuberculosis</i> during <i>In Vivo</i> Biofilm Formation. <i>Infection and Immunity</i> , 2015, 83, 17-27.	1.0	19
112	<i>Clostridium difficile</i> – A Pathogen on the Move. , 2015, , 1031-1040.		1
113	Hijacking bacterial glycosylation for the production of glycoconjugates, from vaccines to humanised glycoproteins. <i>Journal of Pharmacy and Pharmacology</i> , 2015, 67, 338-350.	1.2	43
114	Temporal changes in nasopharyngeal carriage of <i>Streptococcus pneumoniae</i> serotype 1 genotypes in healthy Gambians before and after the 7-valent pneumococcal conjugate vaccine. <i>PeerJ</i> , 2015, 3, e903.	0.9	8
115	The Generation of Successive Unmarked Mutations and Chromosomal Insertion of Heterologous Genes in <i>Actinobacillus pleuropneumoniae</i> Using Natural Transformation. <i>PLoS ONE</i> , 2014, 9, e111252.	1.1	23
116	Biological Roles of the O-Methyl Phosphoramidate Capsule Modification in <i>Campylobacter jejuni</i> . <i>PLoS ONE</i> , 2014, 9, e87051.	1.1	48
117	Genomic Epidemiology of <i>Vibrio cholerae</i> O1 Associated with Floods, Pakistan, 2010. <i>Emerging Infectious Diseases</i> , 2014, 20, 13-20.	2.0	37
118	Comparative Genomics of <i>Campylobacter jejuni</i> . , 2014, , 63-71.		3
119	Genome-Wide Saturation Mutagenesis of <i>Burkholderia pseudomallei</i> K96243 Predicts Essential Genes and Novel Targets for Antimicrobial Development. <i>MBio</i> , 2014, 5, e00926-13.	1.8	75
120	Pseudaminic Acid on <i>Campylobacter jejuni</i> Flagella Modulates Dendritic Cell IL-10 Expression via Siglec-10 Receptor: A Novel Flagellin-Host Interaction. <i>Journal of Infectious Diseases</i> , 2014, 210, 1487-1498.	1.9	70
121	Genomic Epidemiology of <i>Vibrio cholerae</i> O1 Associated with Floods, Pakistan, 2010. <i>Emerging Infectious Diseases</i> , 2014, 20, 13-20.	2.0	31
122	The use of genome wide association methods to investigate pathogenicity, population structure and serovar in <i>Haemophilus parasuis</i> . <i>BMC Genomics</i> , 2014, 15, 1179.	1.2	34
123	The post-translational modification of the <i>Clostridium difficile</i> flagellin affects motility, cell surface properties and virulence. <i>Molecular Microbiology</i> , 2014, 94, 272-289.	1.2	47
124	The importance of the magnesium transporter MgtB for virulence of <i>Yersinia pseudotuberculosis</i> and <i>Yersinia pestis</i> . <i>Microbiology (United Kingdom)</i> , 2014, 160, 2710-2717.	0.7	19
125	Identification of Possible Virulence Marker from <i>Campylobacter jejuni</i> isolates. <i>Emerging Infectious Diseases</i> , 2014, 20, 1026-1029.	2.0	49
126	Host Immunity to <i>Clostridium difficile</i> PCR Ribotype 017 Strains. <i>Infection and Immunity</i> , 2014, 82, 4989-4996.	1.0	9

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127	Multiplex PCR Assay for Unequivocal Differentiation of <i>Actinobacillus pleuropneumoniae</i> Serovars 1 to 3, 5 to 8, 10, and 12. <i>Journal of Clinical Microbiology</i> , 2014, 52, 2380-2385.	1.8	36
128	The Twin Arginine Translocation System Is Essential for Aerobic Growth and Full Virulence of <i>Burkholderia thailandensis</i> . <i>Journal of Bacteriology</i> , 2014, 196, 407-416.	1.0	13
129	Parallel independent evolution of pathogenicity within the genus <i>Yersinia</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 6768-6773.	3.3	154
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#	ARTICLE	IF	CITATIONS
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