

Brendan W Wren

List of Publications by Year in descending order

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289
papers

17,884
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13865

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| # | 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. | 2.2 | 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. | 4.0 | 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, . | 1.8 | 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. | 4.0 | 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, . | 4.1 | 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. | 2.8 | 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. | 3.3 | 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. | 4.0 | 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. | 2.2 | 19 |
| 10 | Sequential Vaccination With Heterologous <i>Acinetobacter baumannii</i> Strains Induces Broadly Reactive Antibody Responses. <i>Frontiers in Immunology</i> , 2021, 12, 705533. | 4.8 | 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. | 0.8 | 1 |
| 12 | Multivalent poultry vaccine development using Protein Glycan Coupling Technology. <i>Microbial Cell Factories</i> , 2021, 20, 193. | 4.0 | 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. | 3.9 | 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, . | 2.0 | 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, , . | 3.8 | 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. | 1.4 | 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. | 2.2 | 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. | 6.0 | 36 |

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|----|---|------|-----------|
| 19 | In vitro and in vivo characterisation of <i>Listeria monocytogenes</i> outbreak isolates. Food Control, 2020, 107, 106784. | 5.5 | 19 |
| 20 | Transmission of multidrug-resistant <i>Campylobacter jejuni</i> to children from different sources in Pakistan. Journal of Global Antimicrobial Resistance, 2020, 20, 219-224. | 2.2 | 13 |
| 21 | Evaluation of Glycosylated FlpA and SodB as Subunit Vaccines Against <i>Campylobacter jejuni</i> Colonisation in Chickens. Vaccines, 2020, 8, 520. | 4.4 | 13 |
| 22 | Characterization of Posttranslationally Modified Multidrug Efflux Pumps Reveals an Unexpected Link between Glycosylation and Antimicrobial Resistance. MBio, 2020, 11, . | 4.1 | 20 |
| 23 | Serovar-dependent differences in Hfq-regulated phenotypes in <i>Actinobacillus pleuropneumoniae</i> . Pathogens and Disease, 2020, 78, . | 2.0 | 9 |
| 24 | Impact of industrial production system parameters on chicken microbiomes: mechanisms to improve performance and reduce <i>Campylobacter</i> . Microbiome, 2020, 8, 128. | 11.1 | 38 |
| 25 | CSF Levels of Elongation Factor Tu Is Associated With Increased Mortality in Malawian Adults With <i>Streptococcus pneumoniae</i> Meningitis. Frontiers in Cellular and Infection Microbiology, 2020, 10, 603623. | 3.9 | 5 |
| 26 | Revisiting aminocoumarins for the treatment of melioidosis. International Journal of Antimicrobial Agents, 2020, 56, 106002. | 2.5 | 5 |
| 27 | Evaluation of the recombinant proteins RlpB and VacJ as a vaccine for protection against <i>Glaesserella parasuis</i> in pigs. BMC Veterinary Research, 2020, 16, 167. | 1.9 | 5 |
| 28 | Draft Genome Sequences of the Type Strains of <i>Actinobacillus indolicus</i> (46K2C) and <i>Actinobacillus porcinus</i> (NM319), Two NAD-Dependent Bacterial Species Found in the Respiratory Tract of Pigs. Microbiology Resource Announcements, 2020, 9, . | 0.6 | 2 |
| 29 | <i>Clostridioides difficile</i> para -Cresol Production Is Induced by the Precursor para -Hydroxyphenylacetate. Journal of Bacteriology, 2020, 202, . | 2.2 | 12 |
| 30 | Improving protein glycan coupling technology (PGCT) for glycoconjugate vaccine production. Expert Review of Vaccines, 2020, 19, 507-527. | 4.4 | 21 |
| 31 | Ferric Citrate Regulator FecR Is Translocated across the Bacterial Inner Membrane via a Unique Twin-Arginine Transport-Dependent Mechanism. Journal of Bacteriology, 2020, 202, . | 2.2 | 4 |
| 32 | Generation and Evaluation of a <i>Glaesserella</i> (<i>Haemophilus</i>) <i>parasuis</i> Capsular Mutant. Infection and Immunity, 2020, 88, . | 2.2 | 7 |
| 33 | Virulence of the emerging pathogen, <i>Burkholderia pseudomallei</i> , depends upon the O-linked oligosaccharyltransferase, PglL. Future Microbiology, 2020, 15, 241-257. | 2.0 | 8 |
| 34 | Revisiting <i>Campylobacter jejuni</i> Virulence and Fitness Factors: Role in Sensing, Adapting, and Competing. Frontiers in Cellular and Infection Microbiology, 2020, 10, 607704. | 3.9 | 36 |
| 35 | Construction of a pneumolysin deficient mutant in <i>Streptococcus pneumoniae</i> serotype 1 strain 519/43 and phenotypic characterisation. Microbial Pathogenesis, 2020, 141, 103999. | 2.9 | 6 |
| 36 | Microbe Profile: <i>Campylobacter jejuni</i> – survival instincts. Microbiology (United Kingdom), 2020, 166, 230-232. | 1.8 | 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, , . | 0.3 | 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. | 6.0 | 8 |
| 39 | Adaptation of host transmission cycle during <i>Clostridium difficile</i> speciation. <i>Nature Genetics</i> , 2019, 51, 1315-1320. | 21.4 | 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. | 2.9 | 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. | 3.3 | 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. | 3.9 | 26 |
| 43 | Quantitative Analyses Reveal Novel Roles for <i>N-glycosylation</i> in a Major Enteric Bacterial Pathogen. <i>MBio</i> , 2019, 10, . | 4.1 | 39 |
| 44 | Recent advances in the production of recombinant glycoconjugate vaccines. <i>Npj Vaccines</i> , 2019, 4, 16. | 6.0 | 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, . | 3.9 | 29 |
| 46 | Environmental interactions are regulated by temperature in <i>Burkholderia seminalis</i> TC3.4.2R3. <i>Scientific Reports</i> , 2019, 9, 5486. | 3.3 | 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. | 3.5 | 39 |
| 48 | Reviving Phage Therapy for the Treatment of Cholera. <i>Journal of Infectious Diseases</i> , 2019, 219, 786-794. | 4.0 | 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. | 1.9 | 11 |
| 50 | Domestication of <i>Campylobacter jejuni</i> NCTC 11168. <i>Microbial Genomics</i> , 2019, 5, . | 2.0 | 26 |
| 51 | Genome-wide assessment of antimicrobial tolerance in <i>Yersinia pseudotuberculosis</i> under ciprofloxacin stress. <i>Microbial Genomics</i> , 2019, 5, . | 2.0 | 6 |
| 52 | The <i>Streptococcus suis</i> sortases SrtB and SrtF are essential for disease in pigs. <i>Microbiology (United Kingdom)</i> 2019, 158, 1987-1997. | 1.8 | 7 |
| 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. | 3.0 | 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. | 1.9 | 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. | 2.5 | 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. | 6.0 | 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. | 2.2 | 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. | 3.4 | 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. | 3.5 | 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. | 4.7 | 98 |
| 61 | Production and efficacy of a low-cost recombinant pneumococcal protein polysaccharide conjugate vaccine. <i>Vaccine</i> , 2018, 36, 3809-3819. | 3.8 | 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. | 1.9 | 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. | 2.5 | 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. | 3.3 | 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. | 1.9 | 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. | 3.3 | 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. | 2.1 | 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, . | 2.2 | 16 |
| 69 | The importance of the glycosylation of antimicrobial peptides: natural and synthetic approaches. <i>Drug Discovery Today</i> , 2017, 22, 919-926. | 6.4 | 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. | 3.6 | 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. | 1.8 | 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 | â€œPathotypingâ€•Multiplex PCR Assay for <i>Haemophilus parasuis</i> : a Tool for Prediction of Virulence. <i>Journal of Clinical Microbiology</i> , 2017, 55, 2617-2628. | 3.9 | 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. | 3.9 | 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. | 4.0 | 11 |
| 76 | Disparate subcellular location of putative sortase substrates in <i>Clostridium difficile</i> . <i>Scientific Reports</i> , 2017, 7, 9204. | 3.3 | 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. | 2.2 | 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. | 1.9 | 53 |
| 79 | Whole Genome Sequencing for Surveillance of Antimicrobial Resistance in <i>Actinobacillus pleuropneumoniae</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 311. | 3.5 | 42 |
| 80 | ICEApl1, an Integrative Conjugative Element Related to ICEHin1056, Identified in the Pig Pathogen <i>Actinobacillus pleuropneumoniae</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 810. | 3.5 | 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. | 3.5 | 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. | 3.4 | 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. | 2.1 | 113 |
| 84 | Recombinant expression of <i>Streptococcus pneumoniae</i> capsular polysaccharides in <i>Escherichia coli</i> . <i>Open Biology</i> , 2016, 6, 150243. | 3.6 | 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. | 1.8 | 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. | 3.4 | 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. | 2.0 | 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. | 3.3 | 1 |
| 90 | Infection Susceptibility in Gastric Intrinsic Factor (Vitamin B ₁₂)-Defective Mice Is Subject to Maternal Influences. <i>MBio</i> , 2016, 7, . | 4.1 | 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. | 5.8 | 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. | 28.6 | 130 |
| 93 | Intracellular replication of the well-armed pathogen <i>Burkholderia pseudomallei</i> . <i>Current Opinion in Microbiology</i> , 2016, 29, 94-103. | 5.1 | 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. | 2.2 | 41 |
| 96 | Functional analysis of N-linking oligosaccharyl transferase enzymes encoded by deep-sea vent proteobacteria. <i>Glycobiology</i> , 2016, 26, 398-409. | 2.5 | 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. | 1.8 | 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. | 3.0 | 59 |
| 99 | Chromosomal integration vectors allowing flexible expression of foreign genes in <i>Campylobacter jejuni</i> . <i>BMC Microbiology</i> , 2015, 15, 230. | 3.3 | 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. | 3.4 | 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. | 3.5 | 27 |
| 102 | Whole genome investigation of a divergent clade of the pathogen <i>Streptococcus suis</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 1191. | 3.5 | 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. | 1.8 | 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. | 3.4 | 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. | 2.2 | 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. | 1.9 | 34 |
| 107 | Genomic signatures of human and animal disease in the zoonotic pathogen <i>Streptococcus suis</i> . <i>Nature Communications</i> , 2015, 6, 6740. | 12.8 | 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. | 3.9 | 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. | 3.9 | 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. | 3.0 | 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. | 2.2 | 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. | 2.4 | 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. | 2.0 | 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. | 2.5 | 23 |
| 116 | Biological Roles of the O-Methyl Phosphoramidate Capsule Modification in <i>Campylobacter jejuni</i> . <i>PLoS ONE</i> , 2014, 9, e87051. | 2.5 | 48 |
| 117 | Genomic Epidemiology of <i>Vibrio cholerae</i> O1 Associated with Floods, Pakistan, 2010. <i>Emerging Infectious Diseases</i> , 2014, 20, 13-20. | 4.3 | 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. | 4.1 | 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. | 4.0 | 70 |
| 121 | Genomic Epidemiology of <i>Vibrio cholerae</i> O1 Associated with Floods, Pakistan, 2010. <i>Emerging Infectious Diseases</i> , 2014, 20, 13-20. | 4.3 | 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. | 2.8 | 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. | 2.5 | 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. | 1.8 | 19 |
| 125 | Identification of Possible Virulence Marker from <i>Campylobacter jejuni</i> isolates. <i>Emerging Infectious Diseases</i> , 2014, 20, 1026-1029. | 4.3 | 49 |
| 126 | Host Immunity to <i>Clostridium difficile</i> PCR Ribotype 017 Strains. <i>Infection and Immunity</i> , 2014, 82, 4989-4996. | 2.2 | 9 |

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