

# Paul R Langford

## List of Publications by Citations

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169  
papers

4,707  
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36  
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g-index

180  
ext. papers

5,538  
ext. citations

5  
avg, IF

5.06  
L-index

#	Paper	IF	Citations
169	Actinobacillus pleuropneumoniae: pathobiology and pathogenesis of infection. <i>Microbes and Infection</i> , <b>2002</b> , 4, 225-35	9.3	271
168	Diagnosis of childhood tuberculosis and host RNA expression in Africa. <i>New England Journal of Medicine</i> , <b>2014</b> , 370, 1712-1723	59.2	229
167	Detection of tuberculosis in HIV-infected and -uninfected African adults using whole blood RNA expression signatures: a case-control study. <i>PLoS Medicine</i> , <b>2013</b> , 10, e1001538	11.6	224
166	Acquired predisposition to mycobacterial disease due to autoantibodies to IFN-gamma. <i>Journal of Clinical Investigation</i> , <b>2005</b> , 115, 2480-8	15.9	159
165	Natural genetic exchange between Haemophilus and Neisseria: intergeneric transfer of chromosomal genes between major human pathogens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1998</b> , 95, 12381-5	11.5	129
164	Dysbiosis anticipating necrotizing enterocolitis in very premature infants. <i>Clinical Infectious Diseases</i> , <b>2015</b> , 60, 389-97	11.6	118
163	Bacterial copper- and zinc-cofactored superoxide dismutase contributes to the pathogenesis of systemic salmonellosis. <i>Molecular Microbiology</i> , <b>1997</b> , 25, 785-96	4.1	117
162	Periplasmic superoxide dismutase in meningococcal pathogenicity. <i>Infection and Immunity</i> , <b>1998</b> , 66, 213-7	3.7	94
161	A novel CRP-dependent regulon controls expression of competence genes in Haemophilus influenzae. <i>Journal of Molecular Biology</i> , <b>2005</b> , 347, 735-47	6.5	93
160	Genomic signatures of human and animal disease in the zoonotic pathogen Streptococcus suis. <i>Nature Communications</i> , <b>2015</b> , 6, 6740	17.4	89
159	Copper-zinc superoxide dismutase of Haemophilus influenzae and H. parainfluenzae. <i>Journal of Bacteriology</i> , <b>1991</b> , 173, 7449-57	3.5	87
158	Anti-mycobacterial activities of synthetic cationic helical peptides and their synergism with rifampicin. <i>Biomaterials</i> , <b>2014</b> , 35, 2032-8	15.6	72
157	Identification of Actinobacillus pleuropneumoniae genes important for survival during infection in its natural host. <i>Infection and Immunity</i> , <b>2003</b> , 71, 3960-70	3.7	70
156	ISAp1, a novel insertion element of Actinobacillus pleuropneumoniae, prevents ApxIV-based serological detection of serotype 7 strain AP76. <i>Veterinary Microbiology</i> , <b>2008</b> , 128, 342-53	3.3	62
155	Factor H, a regulator of complement activity, is a major determinant of meningococcal disease susceptibility in UK Caucasian patients. <i>Scandinavian Journal of Infectious Diseases</i> , <b>2006</b> , 38, 764-71		62
154	Late-Onset Bloodstream Infection and Perturbed Maturation of the Gastrointestinal Microbiota in Premature Infants. <i>PLoS ONE</i> , <b>2015</b> , 10, e0132923	3.7	56
153	Disruption of drug-resistant biofilms using de novo designed short helical antimicrobial peptides with idealized facial amphiphilicity. <i>Acta Biomaterialia</i> , <b>2017</b> , 57, 103-114	10.8	54

152	Development of a Multiplex PCR Assay for Rapid Molecular Serotyping of Haemophilus parasuis. <i>Journal of Clinical Microbiology</i> , <b>2015</b> , 53, 3812-21	9.7	52
151	Development of a Haemophilus two-dimensional protein database. <i>Electrophoresis</i> , <b>1997</b> , 18, 1472-82	3.6	48
150	A histidine-rich metal binding domain at the N terminus of Cu,Zn-superoxide dismutases from pathogenic bacteria: a novel strategy for metal chaperoning. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 30315-25	5.4	48
149	The complete genome sequence of Actinobacillus pleuropneumoniae L20 (serotype 5b). <i>Journal of Bacteriology</i> , <b>2008</b> , 190, 1495-6	3.5	46
148	Proposal of serovars 17 and 18 of Actinobacillus pleuropneumoniae based on serological and genotypic analysis. <i>Veterinary Microbiology</i> , <b>2018</b> , 217, 1-6	3.3	45
147	Regulation of pga operon expression and biofilm formation in Actinobacillus pleuropneumoniae by sigmaE and H-NS. <i>Journal of Bacteriology</i> , <b>2010</b> , 192, 2414-23	3.5	45
146	Proteomic analysis of endometrium from fertile and infertile patients suggests a role for apolipoprotein A-I in embryo implantation failure and endometriosis. <i>Molecular Human Reproduction</i> , <b>2010</b> , 16, 273-85	4.4	45
145	Expression of heterologous antigens in commensal Neisseria spp.: preservation of conformational epitopes with vaccine potential. <i>Infection and Immunity</i> , <b>2004</b> , 72, 6511-8	3.7	44
144	Two TonB systems in Actinobacillus pleuropneumoniae: their roles in iron acquisition and virulence. <i>Infection and Immunity</i> , <b>2004</b> , 72, 701-8	3.7	44
143	Functional and crystallographic characterization of Salmonella typhimurium Cu,Zn superoxide dismutase coded by the sodCI virulence gene. <i>Journal of Molecular Biology</i> , <b>2000</b> , 302, 465-78	6.5	44
142	Cu,Zn superoxide dismutase structure from a microbial pathogen establishes a class with a conserved dimer interface. <i>Journal of Molecular Biology</i> , <b>2000</b> , 296, 145-53	6.5	43
141	Kawasaki Disease: The Role of Immune Complexes Revisited. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1156	8.4	42
140	Biomarker discovery in infectious diseases using SELDI. <i>Future Microbiology</i> , <b>2007</b> , 2, 35-49	2.9	42
139	Galleria mellonella is an effective model to study Actinobacillus pleuropneumoniae infection. <i>Microbiology (United Kingdom)</i> , <b>2015</b> , 161, 387-400	2.9	41
138	The role of two periplasmic copper- and zinc-cofactored superoxide dismutases in the virulence of Salmonella choleraesuis. <i>Microbiology (United Kingdom)</i> , <b>2002</b> , 148, 719-726	2.9	41
137	Functional diversity of three different DsbA proteins from Neisseria meningitidis. <i>Microbiology (United Kingdom)</i> , <b>2004</b> , 150, 2993-3000	2.9	40
136	Analysis of the Actinobacillus pleuropneumoniae ArcA regulon identifies fumarate reductase as a determinant of virulence. <i>Infection and Immunity</i> , <b>2008</b> , 76, 2284-95	3.7	36
135	Unnatural amino acid analogues of membrane-active helical peptides with anti-mycobacterial activity and improved stability. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2016</b> , 71, 2181-91	5.1	36

134	Identification of sodC encoding periplasmic [Cu,Zn]-superoxide dismutase in Salmonella. <i>FEMS Microbiology Letters</i> , <b>1996</b> , 136, 215-20	2.9	35
133	Identification of genes transcribed by Haemophilus parasuis in necrotic porcine lung through the selective capture of transcribed sequences (SCOTS). <i>Environmental Microbiology</i> , <b>2008</b> , 10, 3326-36	5.2	34
132	Deletion of the ferric uptake regulator Fur impairs the in vitro growth and virulence of Actinobacillus pleuropneumoniae. <i>Infection and Immunity</i> , <b>2005</b> , 73, 3740-4	3.7	34
131	Patterns of antimicrobial resistance in Streptococcus suis isolates from pigs with or without streptococcal disease in England between 2009 and 2014. <i>Veterinary Microbiology</i> , <b>2017</b> , 207, 117-124	3.3	33
130	Gene content and diversity of the loci encoding biosynthesis of capsular polysaccharides of the 15 serovar reference strains of Haemophilus parasuis. <i>Journal of Bacteriology</i> , <b>2013</b> , 195, 4264-73	3.5	33
129	Multiplex PCR that can distinguish between immunologically cross-reactive serovar 3, 6, and 8 Actinobacillus pleuropneumoniae strains. <i>Journal of Clinical Microbiology</i> , <b>2008</b> , 46, 800-3	9.7	33
128	A Unique Capsule Locus in the Newly Designated Actinobacillus pleuropneumoniae Serovar 16 and Development of a Diagnostic PCR Assay. <i>Journal of Clinical Microbiology</i> , <b>2017</b> , 55, 902-907	9.7	32
127	Analysis of the Actinobacillus pleuropneumoniae HlyX (FNR) regulon and identification of iron-regulated protein B as an essential virulence factor. <i>Proteomics</i> , <b>2009</b> , 9, 2383-98	4.8	32
126	Role of bacterial Mn-cofactored superoxide dismutase in oxidative stress responses, nasopharyngeal colonization, and sustained bacteremia caused by Haemophilus influenzae type b. <i>Infection and Immunity</i> , <b>1997</b> , 65, 2700-6	3.7	32
125	Whole Genome Sequencing for Surveillance of Antimicrobial Resistance in. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 311	5.7	31
124	New plasmid tools for genetic analysis of Actinobacillus pleuropneumoniae and other Pasteurellaceae. <i>Applied and Environmental Microbiology</i> , <b>2009</b> , 75, 6124-31	4.8	31
123	Bacterial [Cu,Zn]-cofactored superoxide dismutase protects opsonized, encapsulated Neisseria meningitidis from phagocytosis by human monocytes/macrophages. <i>Infection and Immunity</i> , <b>2003</b> , 71, 1604-7	3.7	31
122	[Cu,Zn]-Superoxide dismutase mutants of the swine pathogen Actinobacillus pleuropneumoniae are unattenuated in infections of the natural host. <i>Infection and Immunity</i> , <b>2000</b> , 68, 4778-81	3.7	31
121	Humoral immune responses to Neisseria meningitidis in children. <i>Infection and Immunity</i> , <b>1999</b> , 67, 2441-51	3.7	31
120	Cellular immune responses to Neisseria meningitidis in children. <i>Infection and Immunity</i> , <b>1999</b> , 67, 2452-63	3.7	31
119	Multiplex PCR assay for unequivocal differentiation of Actinobacillus pleuropneumoniae serovars 1 to 3, 5 to 8, 10, and 12. <i>Journal of Clinical Microbiology</i> , <b>2014</b> , 52, 2380-5	9.7	30
118	Evidence for in vivo expression of transferrin-binding proteins in Haemophilus influenzae type b. <i>Infection and Immunity</i> , <b>1992</b> , 60, 2986-91	3.7	30
117	Haemophilus parasuis induces activation of NF- $\kappa$ B and MAP kinase signaling pathways mediated by toll-like receptors. <i>Molecular Immunology</i> , <b>2015</b> , 65, 360-6	4.3	29

116	The use of genome wide association methods to investigate pathogenicity, population structure and serovar in <i>Haemophilus parasuis</i> . <i>BMC Genomics</i> , <b>2014</b> , 15, 1179	4.5	29
115	Comparative sequence analysis of the capsular polysaccharide loci of <i>Actinobacillus pleuropneumoniae</i> serovars 1-18, and development of two multiplex PCRs for comprehensive capsule typing. <i>Veterinary Microbiology</i> , <b>2018</b> , 220, 83-89	3.3	28
114	A novel heme protein, the Cu,Zn-superoxide dismutase from <i>Haemophilus ducreyi</i> . <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 30326-34	5.4	28
113	Characterisation of a mobilisable plasmid conferring florfenicol and chloramphenicol resistance in <i>Actinobacillus pleuropneumoniae</i> . <i>Veterinary Microbiology</i> , <b>2015</b> , 178, 279-82	3.3	27
112	Pasteurellaceae ComE1 proteins combine the properties of fibronectin adhesins and DNA binding competence proteins. <i>PLoS ONE</i> , <b>2008</b> , 3, e3991	3.7	27
111	Presence of copper- and zinc-containing superoxide dismutase in commensal <i>Haemophilus haemolyticus</i> isolates can be used as a marker to discriminate them from nontypeable <i>H. influenzae</i> isolates. <i>Journal of Clinical Microbiology</i> , <b>2006</b> , 44, 4222-6	9.7	26
110	Natural resistance to Meningococcal Disease related to CFH loci: Meta-analysis of genome-wide association studies. <i>Scientific Reports</i> , <b>2016</b> , 6, 35842	4.9	26
109	Natural competence in strains of <i>Actinobacillus pleuropneumoniae</i> . <i>FEMS Microbiology Letters</i> , <b>2009</b> , 298, 124-30	2.9	25
108	Identification and characterization of genomic loci unique to the Brazilian purpuric fever clonal group of <i>H. influenzae</i> biogroup <i>aegyptius</i> : functionality explored using meningococcal homology. <i>Molecular Microbiology</i> , <b>2003</b> , 47, 1101-11	4.1	25
107	Prevalence of <i>Actinobacillus pleuropneumoniae</i> serovars in England and Wales. <i>Veterinary Record</i> , <b>2010</b> , 167, 661-2	0.9	24
106	Bacterial Vaccine Antigen Discovery in the Reverse Vaccinology 2.0 Era: Progress and Challenges. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2315	8.4	24
105	Identification of <i>dfrA14</i> in two distinct plasmids conferring trimethoprim resistance in <i>Actinobacillus pleuropneumoniae</i> . <i>Journal of Antimicrobial Chemotherapy</i> , <b>2015</b> , 70, 2217-22	5.1	23
104	The N-linking glycosylation system from <i>Actinobacillus pleuropneumoniae</i> is required for adhesion and has potential use in glycoengineering. <i>Open Biology</i> , <b>2017</b> , 7,	7	22
103	Transcriptional profiling of <i>Neisseria meningitidis</i> interacting with human epithelial cells in a long-term in vitro colonization model. <i>Infection and Immunity</i> , <b>2013</b> , 81, 4149-59	3.7	22
102	Differential contribution of <i>sodC1</i> and <i>sodC2</i> to intracellular survival and pathogenicity of <i>Salmonella enterica</i> serovar <i>Choleraesuis</i> . <i>Microbes and Infection</i> , <b>2005</b> , 7, 698-707	9.3	22
101	Molecular and genetic characterization of superoxide dismutase in <i>Haemophilus influenzae</i> type b. <i>Molecular Microbiology</i> , <b>1993</b> , 10, 839-48	4.1	22
100	Identification and characterization of novel antigenic vaccine candidates of <i>Actinobacillus pleuropneumoniae</i> . <i>Vaccine</i> , <b>2008</b> , 26, 1942-54	4.1	21
99	Reduced DNA binding and uptake in the absence of <i>DsbA1</i> and <i>DsbA2</i> of <i>Neisseria meningitidis</i> due to inefficient folding of the outer-membrane secretin <i>PilQ</i> . <i>Microbiology (United Kingdom)</i> , <b>2008</b> , 154, 217-225	2.9	21

98	Surface Polysaccharide Mutants Reveal that Absence of O Antigen Reduces Biofilm Formation of <i>Actinobacillus pleuropneumoniae</i> . <i>Infection and Immunity</i> , <b>2016</b> , 84, 127-37	3.7	20
97	Analysis of an <i>Actinobacillus pleuropneumoniae</i> multi-resistance plasmid, pHB0503. <i>Plasmid</i> , <b>2009</b> , 61, 135-9	3.3	20
96	Development of a self-replicating plasmid system for <i>Mycoplasma hyopneumoniae</i> . <i>Veterinary Research</i> , <b>2013</b> , 44, 63	3.8	19
95	Transcriptional profiling of serogroup B <i>Neisseria meningitidis</i> growing in human blood: an approach to vaccine antigen discovery. <i>PLoS ONE</i> , <b>2012</b> , 7, e39718	3.7	19
94	Lineage-specific virulence determinants of <i>Haemophilus influenzae</i> biogroup <i>aegyptius</i> . <i>Emerging Infectious Diseases</i> , <b>2012</b> , 18, 449-57	10.2	19
93	Apa is a trimeric autotransporter adhesin of <i>Actinobacillus pleuropneumoniae</i> responsible for autoagglutination and host cell adherence. <i>Journal of Basic Microbiology</i> , <b>2012</b> , 52, 598-607	2.7	19
92	Harnessing natural transformation in <i>Actinobacillus pleuropneumoniae</i> : a simple method for allelic replacements. <i>FEMS Microbiology Letters</i> , <b>2004</b> , 233, 277-281	2.9	19
91	p518, a small floR plasmid from a South American isolate of <i>Actinobacillus pleuropneumoniae</i> . <i>Veterinary Microbiology</i> , <b>2017</b> , 204, 129-132	3.3	18
90	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> , <b>2019</b> , 57,	9.7	18
89	The Adh adhesin domain is required for trimeric autotransporter Apa1-mediated <i>Actinobacillus pleuropneumoniae</i> adhesion, autoaggregation, biofilm formation and pathogenicity. <i>Veterinary Microbiology</i> , <b>2015</b> , 177, 175-83	3.3	18
88	Whole genome investigation of a divergent clade of the pathogen <i>Streptococcus suis</i> . <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 1191	5.7	18
87	<i>Galleria mellonella</i> - a novel infection model for the <i>Mycobacterium tuberculosis</i> complex. <i>Virulence</i> , <b>2018</b> , 9, 1126-1137	4.7	17
86	The generation of successive unmarked mutations and chromosomal insertion of heterologous genes in <i>Actinobacillus pleuropneumoniae</i> using natural transformation. <i>PLoS ONE</i> , <b>2014</b> , 9, e111252	3.7	17
85	Complete Genome Sequence of MIDG2331, a Genetically Tractable Serovar 8 Clinical Isolate of <i>Actinobacillus pleuropneumoniae</i> . <i>Genome Announcements</i> , <b>2016</b> , 4,		16
84	Proposal of <i>Actinobacillus pleuropneumoniae</i> serovar 19, and reformulation of previous multiplex PCRs for capsule-specific typing of all known serovars. <i>Veterinary Microbiology</i> , <b>2021</b> , 255, 109021	3.3	16
83	ICEApl1, an Integrative Conjugative Element Related to ICEHin1056, Identified in the Pig Pathogen <i>Actinobacillus pleuropneumoniae</i> . <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 810	5.7	16
82	"Pathotyping" Multiplex PCR Assay for <i>Haemophilus parasuis</i> : a Tool for Prediction of Virulence. <i>Journal of Clinical Microbiology</i> , <b>2017</b> , 55, 2617-2628	9.7	15
81	Differential gene expression profiling of <i>Actinobacillus pleuropneumoniae</i> during induction of primary alveolar macrophage apoptosis in piglets. <i>Microbial Pathogenesis</i> , <b>2015</b> , 78, 74-86	3.8	15

80	Transposon mutagenesis in <i>Mycoplasma hyopneumoniae</i> using a novel mariner-based system for generating random mutations. <i>Veterinary Research</i> , <b>2013</b> , 44, 124	3.8	15
79	Structural, Functional, and Immunogenic Insights on Cu,Zn Superoxide Dismutase Pathogenic Virulence Factors from <i>Neisseria meningitidis</i> and <i>Brucella abortus</i> . <i>Journal of Bacteriology</i> , <b>2015</b> , 197, 3834-47	3.5	14
78	PHiD-CV induces anti-Protein D antibodies but does not augment pulmonary clearance of nontypeable <i>Haemophilus influenzae</i> in mice. <i>Vaccine</i> , <b>2015</b> , 33, 4954-61	4.1	14
77	Free serum haemoglobin is associated with brain atrophy in secondary progressive multiple sclerosis. <i>Wellcome Open Research</i> , <b>2016</b> , 1, 10	4.8	14
76	Role of (p)ppGpp in Viability and Biofilm Formation of <i>Actinobacillus pleuropneumoniae</i> S8. <i>PLoS ONE</i> , <b>2015</b> , 10, e0141501	3.7	14
75	Characterization of the <i>Actinobacillus pleuropneumoniae</i> SXT-related integrative and conjugative element ICEApl2 and analysis of the encoded FloR protein: hydrophobic residues in transmembrane domains contribute dynamically to florfenicol and chloramphenicol efflux. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2015</b> , 73, 57-65	5.1	13
74	Meningococcal biofilm growth on an abiotic surface - a model for epithelial colonization?. <i>Microbiology (United Kingdom)</i> , <b>2009</b> , 155, 1940-1952	2.9	13
73	Active copper- and zinc-containing superoxide dismutase in the cryptic genospecies of <i>Haemophilus</i> causing urogenital and neonatal infections discriminates them from <i>Haemophilus influenzae sensu stricto</i> . <i>Journal of Clinical Microbiology</i> , <b>2002</b> , 40, 268-70	9.7	13
72	Bacterial superoxide dismutase and virulence. <i>Methods in Enzymology</i> , <b>2002</b> , 349, 155-66	1.7	13
71	Harnessing natural transformation in <i>Actinobacillus pleuropneumoniae</i> : a simple method for allelic replacements. <i>FEMS Microbiology Letters</i> , <b>2004</b> , 233, 277-81	2.9	13
70	<i>Actinobacillus pleuropneumoniae</i> serovar 8 predominates in England and Wales. <i>Veterinary Record</i> , <b>2016</b> , 179, 276	0.9	12
69	Establishment and comparison of <i>Actinobacillus pleuropneumoniae</i> experimental infection model in mice and piglets. <i>Microbial Pathogenesis</i> , <b>2019</b> , 128, 381-389	3.8	11
68	Generation of a Tn5 transposon library in <i>Haemophilus parasuis</i> and analysis by transposon-directed insertion-site sequencing (TraDIS). <i>Veterinary Microbiology</i> , <b>2013</b> , 166, 558-66	3.3	11
67	Identification and characterization of serovar-independent immunogens in <i>Actinobacillus pleuropneumoniae</i> . <i>Veterinary Research</i> , <b>2017</b> , 48, 74	3.8	11
66	A <i>Neisseria meningitidis</i> NMB1966 mutant is impaired for invasion of respiratory epithelial cells, survival in human blood and for virulence in vivo. <i>Medical Microbiology and Immunology</i> , <b>2009</b> , 198, 57-67 <sup>4</sup>		11
65	Analysis of differential protein expression in <i>Actinobacillus pleuropneumoniae</i> by Surface Enhanced Laser Desorption Ionisation--ProteinChip (SELDI) technology. <i>Veterinary Microbiology</i> , <b>2004</b> , 99, 215-25	3.3	11
64	Palindromic <i>Haemophilus</i> DNA uptake sequences in presumed transcriptional terminators from <i>H. influenzae</i> and <i>H. parainfluenzae</i> . <i>Gene</i> , <b>1992</b> , 114, 151-2	3.8	11
63	Free serum haemoglobin is associated with brain atrophy in secondary progressive multiple sclerosis. <i>Wellcome Open Research</i> , 1, 10	4.8	11

62	: An Infection Model for Screening Compounds Against the Complex. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 2630	5.7	11
61	Haemophilus parasuis cytolethal distending toxin induces cell cycle arrest and p53-dependent apoptosis. <i>PLoS ONE</i> , <b>2017</b> , 12, e0177199	3.7	10
60	Identification of proteins of Propionibacterium acnes for use as vaccine candidates to prevent infection by the pig pathogen Actinobacillus pleuropneumoniae. <i>Vaccine</i> , <b>2013</b> , 31, 5269-75	4.1	10
59	The SapA Protein Is Involved in Resistance to Antimicrobial Peptide PR-39 and Virulence of. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 811	5.7	10
58	Population-based analysis of Actinobacillus pleuropneumoniae ApxIVA for use as a DIVA antigen. <i>Vaccine</i> , <b>2010</b> , 28, 4871-4874	4.1	10
57	Use of Proteins Identified through a Functional Genomic Screen To Develop a Protein Subunit Vaccine That Provides Significant Protection against Virulent Streptococcus suis in Pigs. <i>Infection and Immunity</i> , <b>2018</b> , 86,	3.7	10
56	Ultra-Short Antimicrobial Peptoids Show Propensity for Membrane Activity Against Multi-Drug Resistant. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 417	5.7	9
55	PCR specific for Actinobacillus pleuropneumoniae serotype 3. <i>Veterinary Record</i> , <b>2008</b> , 162, 648-52	0.9	9
54	Characterisation and genetic organisation of a 24-MDa plasmid from the Brazilian Purpuric Fever clone of Haemophilus influenzae biogroup aegyptius. <i>Plasmid</i> , <b>2002</b> , 48, 38-48	3.3	9
53	Actinobacillus pleuropneumoniae serotype 1 carrying the defined aroA mutation is fully avirulent in the pig. <i>Research in Veterinary Science</i> , <b>2002</b> , 72, 163-7	2.5	9
52	recF in Actinobacillus pleuropneumoniae. <i>Nucleic Acids Research</i> , <b>1992</b> , 20, 615	20.1	9
51	Studies of a potential in vitro test for estimation of toxicity of aminoglycoside antibiotics and polyamines. <i>Journal of Antibiotics</i> , <b>1982</b> , 35, 1387-93	3.7	9
50	Evidence of Illegitimate Recombination Between Two Plasmids Resulting in a Novel Multi-Resistance Replicon, pM3362MDR, in. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2489	5.7	9
49	Identification of novel Haemophilus parasuis serovar 5 vaccine candidates using an immunoproteomic approach. <i>Journal of Proteomics</i> , <b>2017</b> , 163, 111-117	3.9	8
48	Apa2H1, the first head domain of Apa2 trimeric autotransporter adhesin, activates mouse bone marrow-derived dendritic cells and immunization with Apa2H1 protects against Actinobacillus pleuropneumoniae infection. <i>Molecular Immunology</i> , <b>2017</b> , 81, 108-117	4.3	8
47	B cell cross-epitope of Propionibacterium acnes and Actinobacillus pleuropneumonia selected by phage display library can efficiently protect from Actinobacillus pleuropneumonia infection. <i>Veterinary Microbiology</i> , <b>2017</b> , 205, 14-21	3.3	7
46	A computational strategy for the search of regulatory small RNAs in Actinobacillus pleuropneumoniae. <i>Rna</i> , <b>2016</b> , 22, 1373-85	5.8	7
45	Genome wide expression profiling reveals suppression of host defence responses during colonisation by Neisseria meningitidis but not N. lactamica. <i>PLoS ONE</i> , <b>2011</b> , 6, e26130	3.7	7

44	Growth of Haemophilus influenzae type b in continuous culture: Effect of dilution rate on outer-membrane protein and lipopolysaccharide expression. <i>FEMS Microbiology Letters</i> , <b>1992</b> , 93, 43-47	2.9	7
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41	Differences in pig respiratory tract and peripheral blood immune responses to Actinobacillus pleuropneumoniae. <i>Veterinary Microbiology</i> , <b>2020</b> , 247, 108755	3.3	5
40	A novel biosafety level 2 compliant tuberculosis infection model using a double auxotroph of H37Rv and. <i>Virulence</i> , <b>2020</b> , 11, 811-824	4.7	5
39	Impairment of IFN-gamma response to synthetic peptides of Mycobacterium tuberculosis in a 7-day whole blood assay. <i>PLoS ONE</i> , <b>2013</b> , 8, e71351	3.7	5
38	Monitoring gene expression using DNA arrays. <i>Methods in Molecular Medicine</i> , <b>2003</b> , 71, 119-34		5
37	A novel neisserial shuttle plasmid: a useful new tool for meningococcal research. <i>FEMS Microbiology Letters</i> , <b>2005</b> , 251, 143-7	2.9	5
36	Identification of reduced host transcriptomic signatures for tuberculosis and digital PCR-based validation and quantification		5
35	Use of the Invertebrate Galleria mellonella as an Infection Model to Study the Mycobacterium tuberculosis Complex. <i>Journal of Visualized Experiments</i> , <b>2019</b> ,	1.6	4
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33	Distribution, cloning, characterisation and mutagenesis of sodC, the gene encoding copper/zinc superoxide dismutase, a potential determinant of virulence, in Haemophilus ducreyi. <i>FEMS Immunology and Medical Microbiology</i> , <b>1997</b> , 17, 235-42		4
32	A promoter probe plasmid based on green fluorescent protein : a strategy for studying meningococcal gene expression. <i>Methods in Molecular Medicine</i> , <b>2001</b> , 67, 663-77		4
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30	Identification of sodC encoding periplasmic [Cu,Zn]-superoxide dismutase in Salmonella		4
29	Serovar-dependent differences in Hfq-regulated phenotypes in Actinobacillus pleuropneumoniae. <i>Pathogens and Disease</i> , <b>2020</b> , 78,	4.2	4
28	Trimeric autotransporter adhesins contribute to Actinobacillus pleuropneumoniae pathogenicity in mice and regulate bacterial gene expression during interactions between bacteria and porcine primary alveolar macrophages. <i>Antonie Van Leeuwenhoek</i> , <b>2016</b> , 109, 51-70	2.1	4
27	A Rare Mutation in SPLUNC1 Affects Bacterial Adherence and Invasion in Meningococcal Disease. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 70, 2045-2053	11.6	4

26	Identification of Reduced Host Transcriptomic Signatures for Tuberculosis Disease and Digital PCR-Based Validation and Quantification. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 637164	8.4	4
25	Inactivation of , Encoding a Sel1-Like Repeat (SLR) Protein, in <i>Neisseria meningitidis</i> Is Associated with Differential Expression of Genes Belonging to the Fur Regulon and Reduced Intraepithelial Replication. <i>Infection and Immunity</i> , <b>2017</b> , 85,	3.7	3
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22	Generation and Evaluation of a <i>Glaesserella</i> ( <i>Haemophilus</i> ) <i>parasuis</i> Capsular Mutant. <i>Infection and Immunity</i> , <b>2020</b> , 88,	3.7	3
21	Innate Immune Responses of to BCG Challenge Identified Using Proteomic and Molecular Approaches. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 619981	5.9	3
20	<i>Streptococcus suis</i> serotype 2 enolase interaction with host brain microvascular endothelial cells and RPSA-induced apoptosis lead to loss of BBB integrity. <i>Veterinary Research</i> , <b>2021</b> , 52, 30	3.8	3
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18	Basal-Level Effects of (p)ppGpp in the Absence of Branched-Chain Amino Acids in <i>Actinobacillus pleuropneumoniae</i> . <i>Journal of Bacteriology</i> , <b>2020</b> , 202,	3.5	2
17	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> , <b>2020</b> , 16, 167	2.7	2
16	A BOX-SCAR fragment for the identification of <i>Actinobacillus pleuropneumoniae</i> . <i>FEMS Microbiology Letters</i> , <b>2014</b> , 352, 32-7	2.9	2
15	Novel DNA Markers for Identification of <i>Actinobacillus pleuropneumoniae</i> .. <i>Microbiology Spectrum</i> , <b>2022</b> , e0131121	8.9	2
14	Rationally designed mariner vectors to allow functional genomic analysis of <i>Actinobacillus pleuropneumoniae</i> and other bacteria by transposon-directed insertion-site sequencing (TraDIS)		2
13	Rapid Detection and Typing of Serovars Directly From Clinical Samples: Combining FTA Card Technology With Multiplex PCR. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 728660	3.1	2
12	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. <i>Microbiology Resource Announcements</i> , <b>2020</b> , 9,	1.3	1
11	Identification of FtpA, a Dps-like protein involved in anti-oxidative stress and virulence in. <i>Journal of Bacteriology</i> , <b>2021</b> , JB0032621	3.5	1
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8	Regarding flagellar expression in clinical isolates of non-typeable <i>Haemophilus influenzae</i> . <i>Journal of Medical Microbiology</i> , <b>2017</b> , 66, 1705	3.2	1
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