

# Steven P Djordjevic

## List of Publications by Year in descending order

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219  
papers

8,127  
citations

38742

50  
h-index

82547

72  
g-index

226  
all docs

226  
docs citations

226  
times ranked

6559  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous Glycan-Peptide Characterization Using Hydrophilic Interaction Chromatography and Parallel Fragmentation by CID, Higher Energy Collisional Dissociation, and Electron Transfer Dissociation MS Applied to the N-Linked Glycoproteome of <i>Campylobacter jejuni</i> . <i>Molecular and Cellular Proteomics</i> , 2011, 10, S1-S18.	3.8	265
2	Detection of Shiga-Like Toxin ( <i>stx</i> <sub>1</sub> and <i>stx</i> <sub>2</sub> ), Intimin ( <i>Tj</i> ) and <i>rgBT</i> /Overlock 10 Tf 5 Genes in Animal Feces by Multiplex PCR. <i>Applied and Environmental Microbiology</i> , 1999, 65, 868-872.	3.1	217
3	Nitrogen fixation ability of exopolysaccharide synthesis mutants of <i>Rhizobium</i> sp. strain NGR234 and <i>Rhizobium trifolii</i> is restored by the addition of homologous exopolysaccharides. <i>Journal of Bacteriology</i> , 1987, 169, 53-60.	2.2	173
4	The Genomic Island SGI1, Containing the Multiple Antibiotic Resistance Region of <i>Salmonella enterica</i> Serovar Typhimurium DT104 or Variants of It, Is Widely Distributed in Other <i>S. enterica</i> Serovars. <i>Journal of Bacteriology</i> , 2005, 187, 4401-4409.	2.2	161
5	Monitoring antibiotic resistance genes in wastewater treatment: Current strategies and future challenges. <i>Science of the Total Environment</i> , 2021, 783, 146964.	8.0	136
6	Distribution of Intimin Subtypes among <i>Escherichia coli</i> Isolates from Ruminant and Human Sources. <i>Journal of Clinical Microbiology</i> , 2003, 41, 5022-5032.	3.9	131
7	<i>Mycoplasma leachii</i> sp. nov. as a new species designation for <i>Mycoplasma</i> sp. bovine group 7 of Leach, and reclassification of <i>Mycoplasma mycoides</i> subsp. <i>mycoides</i> LC as a serovar of <i>Mycoplasma mycoides</i> subsp. <i>capri</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 1353-1358.	1.7	121
8	The Diverse Functional Roles of Elongation Factor Tu (EF-Tu) in Microbial Pathogenesis. <i>Frontiers in Microbiology</i> , 2019, 10, 2351.	3.5	118
9	Identification and detection of <i>Actinobacillus pleuropneumoniae</i> by PCR based on the gene <i>apxIVA</i> . <i>Veterinary Microbiology</i> , 2001, 79, 47-62.	1.9	114
10	Distribution of Class 1 Integrons with IS26-Mediated Deletions in Their 3'-Conserved Segments in <i>Escherichia coli</i> of Human and Animal Origin. <i>PLoS ONE</i> , 2010, 5, e12754.	2.5	108
11	Mobile elements, zoonotic pathogens and commensal bacteria: conduits for the delivery of resistance genes into humans, production animals and soil microbiota. <i>Frontiers in Microbiology</i> , 2013, 4, 86.	3.5	103
12	Transposons Related to <i>Tn1696</i> in IncHI2 Plasmids in Multiply Antibiotic Resistant <i>Salmonella enterica</i> Serovar Typhimurium from Australian Animals. <i>Microbial Drug Resistance</i> , 2010, 16, 197-202.	2.0	102
13	Proteolytic Processing of the <i>Mycoplasma hyopneumoniae</i> Cilium Adhesin. <i>Infection and Immunity</i> , 2004, 72, 2791-2802.	2.2	101
14	Surface Analyses and Immune Reactivities of Major Cell Wall-Associated Proteins of Group A <i>Streptococcus</i> . <i>Infection and Immunity</i> , 2005, 73, 3137-3146.	2.2	99
15	<i>stx</i> <sub>1c</sub> Is the Most Common Shiga Toxin 1 Subtype among Shiga Toxin-Producing <i>Escherichia coli</i> Isolates from Sheep but Not among Isolates from Cattle. <i>Journal of Clinical Microbiology</i> , 2003, 41, 926-936.	3.9	96
16	P159 is a proteolytically processed, surface adhesin of <i>Mycoplasma hyopneumoniae</i> : defined domains of P159 bind heparin and promote adherence to eukaryote cells. <i>Molecular Microbiology</i> , 2006, 60, 669-686.	2.5	89
17	Porcine commensal <i>Escherichia coli</i> : a reservoir for class 1 integrons associated with IS26. <i>Microbial Genomics</i> , 2017, 3, .	2.0	89
18	Identification of membrane-associated proteins from <i>Campylobacter jejuni</i> strains using complementary proteomics technologies. <i>Proteomics</i> , 2008, 8, 122-139.	2.2	87

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19	Multiple antibiotic resistance gene recruitment onto the enterohemorrhagic <i>Escherichia coli</i> virulence plasmid. <i>FASEB Journal</i> , 2010, 24, 1160-1166.	0.5	85
20	RSF1010-Like Plasmids in Australian <i>Salmonella enterica</i> Serovar Typhimurium and Origin of Their <i>sul2-strA-strB</i> Antibiotic Resistance Gene Cluster. <i>Microbial Drug Resistance</i> , 2010, 16, 249-252.	2.0	83
21	Elongation factor Tu is a multifunctional and processed moonlighting protein. <i>Scientific Reports</i> , 2017, 7, 11227.	3.3	82
22	Serum and mucosal antibody responses and protection in pigs vaccinated against <i>Mycoplasma hyopneumoniae</i> with vaccines containing a denatured membrane antigen pool and adjuvant. <i>Australian Veterinary Journal</i> , 1997, 75, 504-511.	1.1	81
23	Defined chromosome structure in the genome-reduced bacterium <i>Mycoplasma pneumoniae</i> . <i>Nature Communications</i> , 2017, 8, 14665.	12.8	81
24	Virulence Properties and Serotypes of Shiga Toxin-Producing <i>Escherichia coli</i> from Healthy Australian Slaughter-Age Sheep. <i>Journal of Clinical Microbiology</i> , 2001, 39, 2017-2021.	3.9	80
25	Sequences of Two Related Multiple Antibiotic Resistance Virulence Plasmids Sharing a Unique IS26-Related Molecular Signature Isolated from Different <i>Escherichia coli</i> Pathotypes from Different Hosts. <i>PLoS ONE</i> , 2013, 8, e78862.	2.5	80
26	A Processed Multidomain <i>Mycoplasma hyopneumoniae</i> Adhesin Binds Fibronectin, Plasminogen, and Swine Respiratory Cilia. <i>Journal of Biological Chemistry</i> , 2010, 285, 33971-33978.	3.4	77
27	Mhp182 (P102) binds fibronectin and contributes to the recruitment of plasmin(ogen) to the <i>Mycoplasma hyopneumoniae</i> cell surface. <i>Cellular Microbiology</i> , 2012, 14, 81-94.	2.1	76
28	Repeat regions R1 and R2 in the P97 paralogue Mhp271 of <i>Mycoplasma hyopneumoniae</i> bind heparin, fibronectin and porcine cilia. <i>Molecular Microbiology</i> , 2010, 78, 444-458.	2.5	74
29	SGI1-K, a Variant of the SGI1 Genomic Island Carrying a Mercury Resistance Region, in <i>Salmonella enterica</i> Serovar Kentucky. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 317-323.	3.2	69
30	The Common Ovine Shiga Toxin 2-Containing <i>Escherichia coli</i> Serotypes and Human Isolates of the Same Serotypes Possess a Stx2d Toxin Type. <i>Journal of Clinical Microbiology</i> , 2001, 39, 1932-1937.	3.9	68
31	SGI2, a Relative of <i>Salmonella</i> Genomic Island SGI1 with an Independent Origin. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 2529-2537.	3.2	68
32	Virulence Properties and Serotypes of Shiga Toxin-Producing <i>Escherichia coli</i> from Healthy Australian Cattle. <i>Applied and Environmental Microbiology</i> , 2002, 68, 6439-6445.	3.1	65
33	Bovine Non-O157 Shiga Toxin 2-Containing <i>Escherichia coli</i> Isolates Commonly Possess stx 2-EDL933 and/or stx 2vhb Subtypes. <i>Journal of Clinical Microbiology</i> , 2003, 41, 2716-2722.	3.9	63
34	Modification of the <i>Campylobacter jejuni</i> N-Linked Glycan by EptC Protein-mediated Addition of Phosphoethanolamine. <i>Journal of Biological Chemistry</i> , 2012, 287, 29384-29396.	3.4	63
35	Environmental dimensions of antibiotic resistance: assessment of basic science gaps. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	2.7	63
36	Mhp493 (P216) is a proteolytically processed, cilium and heparin binding protein of <i>Mycoplasma hyopneumoniae</i> . <i>Molecular Microbiology</i> , 2009, 71, 566-582.	2.5	62

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37	Genomic analysis of multidrug-resistant <i>Escherichia coli</i> ST58 causing urosepsis. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 430-435.	2.5	62
38	Bovine Feces from Animals with Gastrointestinal Infections Are a Source of Serologically Diverse Atypical Enteropathogenic <i>Escherichia coli</i> and Shiga Toxin-Producing <i>E. coli</i> Strains That Commonly Possess Intimin. <i>Applied and Environmental Microbiology</i> , 2005, 71, 3405-3412.	3.1	61
39	Tn6026 and Tn6029 are found in complex resistance regions mobilised by diverse plasmids and chromosomal islands in multiple antibiotic resistant <i>Enterobacteriaceae</i> . <i>Plasmid</i> , 2015, 80, 127-137.	1.4	61
40	Low-Level Fluoroquinolone Resistance among <i>Campylobacter jejuni</i> Isolates in Australia. <i>Clinical Infectious Diseases</i> , 2006, 42, 1368-1374.	5.8	60
41	MHJ_0461 is a multifunctional leucine aminopeptidase on the surface of <i>Mycoplasma hyopneumoniae</i> . <i>Open Biology</i> , 2015, 5, 140175.	3.6	59
42	MHJ_0125 is an M42 glutamyl aminopeptidase that moonlights as a multifunctional adhesin on the surface of <i>Mycoplasma hyopneumoniae</i> . <i>Open Biology</i> , 2013, 3, 130017.	3.6	58
43	Two Domains within the <i>Mycoplasma hyopneumoniae</i> Cilium Adhesin Bind Heparin. <i>Infection and Immunity</i> , 2006, 74, 481-487.	2.2	56
44	The structure of the exopolysaccharide from <i>Rhizobium</i> sp. strain ANU280 (NGR234). <i>Carbohydrate Research</i> , 1986, 148, 87-99.	2.3	55
45	Reiterated repeat region variability in the ciliary adhesin gene of <i>Mycoplasma hyopneumoniae</i> . <i>Microbiology (United Kingdom)</i> , 1998, 144, 1931-1943.	1.8	55
46	Identification of Lipoprotein MslA as a Neoteric Virulence Factor of <i>Mycoplasma gallisepticum</i> . <i>Infection and Immunity</i> , 2010, 78, 3475-3483.	2.2	54
47	Characterization of Cleavage Events in the Multifunctional Cilium Adhesin Mhp684 (P146) Reveals a Mechanism by Which <i>Mycoplasma hyopneumoniae</i> Regulates Surface Topography. <i>MBio</i> , 2012, 3, .	4.1	54
48	The quest for improved reproducibility in MALDI mass spectrometry. <i>Mass Spectrometry Reviews</i> , 2018, 37, 217-228.	5.4	54
49	Genomic Microbial Epidemiology Is Needed to Comprehend the Global Problem of Antibiotic Resistance and to Improve Pathogen Diagnosis. <i>Frontiers in Microbiology</i> , 2016, 7, 843.	3.5	53
50	Post-translational processing targets functionally diverse proteins in <i>Mycoplasma hyopneumoniae</i> . <i>Open Biology</i> , 2016, 6, 150210.	3.6	53
51	<i>Mycoplasma hyopneumoniae</i> Surface Proteins Mhp385 and Mhp384 Bind Host Cilia and Glycosaminoglycans and Are Endoproteolytically Processed by Proteases That Recognize Different Cleavage Motifs. <i>Journal of Proteome Research</i> , 2012, 11, 1924-1936.	3.7	52
52	Whole genome sequence analysis of Australian avian pathogenic <i>Escherichia coli</i> that carry the class 1 integrase gene. <i>Microbial Genomics</i> , 2019, 5, .	2.0	51
53	Conserved anchorless surface proteins as group A streptococcal vaccine candidates. <i>Journal of Molecular Medicine</i> , 2012, 90, 1197-1207.	3.9	49
54	P159 from <i>Mycoplasma hyopneumoniae</i> Binds Porcine Cilia and Heparin and Is Cleaved in a Manner Akin to Ectodomain Shedding. <i>Journal of Proteome Research</i> , 2013, 12, 5891-5903.	3.7	49

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55	Comparative Proteomics and Glycoproteomics Reveal Increased N-Linked Glycosylation and Relaxed Sequon Specificity in <i>Campylobacter jejuni</i> NCTC11168 O. <i>Journal of Proteome Research</i> , 2014, 13, 5136-5150.	3.7	48
56	Serotypes and Virulence Gene Profiles of Shiga Toxin-Producing <i>Escherichia coli</i> Strains Isolated from Feces of Pasture-Fed and Lot-Fed Sheep. <i>Applied and Environmental Microbiology</i> , 2004, 70, 3910-3917.	3.1	47
57	Sequence TTKFâ†“QE Defines the Site of Proteolytic Cleavage in Mhp683 Protein, a Novel Glycosaminoglycan and Cilium Adhesin of <i>Mycoplasma hyopneumoniae</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 41217-41229.	3.4	47
58	Evaluation of clinical, histological and immunological changes and qPCR detection of <i>Mycoplasma hyopneumoniae</i> in tissues during the early stages of mycoplasmal pneumonia in pigs after experimental challenge with two field isolates. <i>Veterinary Microbiology</i> , 2012, 161, 186-195.	1.9	47
59	Genomic islands 1 and 2 play key roles in the evolution of extensively drug-resistant ST235 isolates of <i>Pseudomonas aeruginosa</i> . <i>Open Biology</i> , 2016, 6, 150175.	3.6	47
60	Rapid identification of some <i>Leptospira</i> isolates from cattle by random amplified polymorphic DNA fingerprinting. <i>Journal of Clinical Microbiology</i> , 1993, 31, 2927-2932.	3.9	47
61	Mhp107 Is a Member of the Multifunctional Adhesin Family of <i>Mycoplasma hyopneumoniae</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 10097-10104.	3.4	46
62	Exploitation of plasmin(ogen) by bacterial pathogens of veterinary significance. <i>Veterinary Microbiology</i> , 2015, 178, 1-13.	1.9	46
63	Proteome analysis of multidrug-resistant, breast cancer-derived microparticles. <i>Journal of Extracellular Vesicles</i> , 2014, 3, .	12.2	45
64	The Role of CD44 and ERM Proteins in Expression and Functionality of P-glycoprotein in Breast Cancer Cells. <i>Molecules</i> , 2016, 21, 290.	3.8	45
65	Diversity of P1 phage-like elements in multidrug resistant <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2019, 9, 18861.	3.3	43
66	A Role for Tn6029 in the Evolution of the Complex Antibiotic Resistance Gene Loci in Genomic Island 3 in Enteroaggregative Hemorrhagic <i>Escherichia coli</i> O104:H4. <i>PLoS ONE</i> , 2015, 10, e0115781.	2.5	43
67	Development of a hemi-nested PCR assay for the specific detection of <i>Melissococcus pluton</i> . <i>Journal of Apicultural Research</i> , 1998, 37, 165-174.	1.5	42
68	Role of group A <i>Streptococcus</i> HtrA in the maturation of SpeB protease. <i>Proteomics</i> , 2007, 7, 4488-4498.	2.2	42
69	Multilocus sequence typing of <i>Campylobacter jejuni</i> isolates from New South Wales, Australia. <i>Journal of Applied Microbiology</i> , 2007, 102, 144-152.	3.1	42
70	Mass Spectrometric Characterization of the Surface-Associated 42 kDa Lipoprotein JlpA as a Glycosylated Antigen in Strains of <i>Campylobacter jejuni</i> . <i>Journal of Proteome Research</i> , 2009, 8, 4654-4664.	3.7	41
71	Multidrug Resistant Uropathogenic <i>Escherichia coli</i> ST405 With a Novel, Composite IS26 Transposon in a Unique Chromosomal Location. <i>Frontiers in Microbiology</i> , 2018, 9, 3212.	3.5	41
72	A role for ColV plasmids in the evolution of pathogenic <i>Escherichia coli</i> ST58. <i>Nature Communications</i> , 2022, 13, 683.	12.8	40

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73	Identification of novel species-specific antigens of <i>Mycoplasma hyopneumoniae</i> by preparative SDS-PAGE ELISA profiling. <i>Microbiology (United Kingdom)</i> , 1997, 143, 663-673.	1.8	39
74	Mastitis, polyarthritis and abortion caused by <i>Mycoplasma species bovine group 7</i> in dairy cattle. <i>Australian Veterinary Journal</i> , 2000, 78, 744-750.	1.1	39
75	Clonal Complexes of <i>Campylobacter jejuni</i> Identified by Multilocus Sequence Typing Are Reliably Predicted by Restriction Fragment Length Polymorphism Analyses of the <i>flaA</i> Gene. <i>Journal of Clinical Microbiology</i> , 2007, 45, 102-108.	3.9	39
76	Speciating <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> isolates from poultry and humans using six PCR-based assays. <i>FEMS Microbiology Letters</i> , 2002, 216, 201-209.	1.8	38
77	Antibiotic resistance among verocytotoxigenic <i>Escherichia coli</i> (VTEC) and non-VTEC isolated from domestic animals and humans. <i>Journal of Medical Microbiology</i> , 2003, 52, 155-162.	1.8	38
78	The detection of <i>Melissococcus pluton</i> in honey bees ( <i>Apis mellifera</i> ) and their products using a hemi-nested PCR. <i>Apidologie</i> , 2003, 34, 19-27.	2.0	38
79	New Integron-Associated Gene Cassette Encoding a 3- N -Aminoglycoside Acetyltransferase. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 1238-1241.	3.2	38
80	Diverse Mobilized Class 1 Integrons Are Common in the Chromosomes of Pathogenic <i>Pseudomonas aeruginosa</i> Clinical Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 2169-2172.	3.2	38
81	Aquariums as Reservoirs for Multidrug-resistant <i>Salmonella</i> Paratyphi B. <i>Emerging Infectious Diseases</i> , 2006, 12, 507-510.	4.3	37
82	Structural and Functional Characterization of an Organic Hydroperoxide Resistance Protein from <i>Mycoplasma gallisepticum</i> . <i>Journal of Bacteriology</i> , 2008, 190, 2206-2216.	2.2	37
83	Proteolytic processing of the cilium adhesin MHJ_0194 (P123 <sub>J</sub> ) in <i>Mycoplasma hyopneumoniae</i> generates a functionally diverse array of cleavage fragments that bind multiple host molecules. <i>Cellular Microbiology</i> , 2015, 17, 425-444.	2.1	37
84	Induction of pathogenic-like responses in the legume <i>Macroptilium atropurpureum</i> by a transposon-induced mutant of the fast-growing, broad-host-range <i>Rhizobium</i> strain NGR234. <i>Journal of Bacteriology</i> , 1988, 170, 1848-1857.	2.2	36
85	Cilium Adhesin P216 (MHJ_0493) Is a Target of Ectodomain Shedding and Aminopeptidase Activity on the Surface of <i>Mycoplasma hyopneumoniae</i> . <i>Journal of Proteome Research</i> , 2014, 13, 2920-2930.	3.7	36
86	A Comprehensive Guide for Performing Sample Preparation and Top-Down Protein Analysis. <i>Proteomes</i> , 2017, 5, 11.	3.5	36
87	<i>Mycoplasma hyopneumoniae</i> resides intracellularly within porcine epithelial cells. <i>Scientific Reports</i> , 2018, 8, 17697.	3.3	36
88	Characterisation of <i>Erysipelothrix rhusiopathiae</i> isolates from pigs associated with vaccine breakdowns. <i>Veterinary Microbiology</i> , 2006, 115, 329-338.	1.9	35
89	Indigenous <i>Vibrio cholerae</i> strains from a non-endemic region are pathogenic. <i>Open Biology</i> , 2013, 3, 120181.	3.6	35
90	N-terminomics identifies widespread endoproteolysis and novel methionine excision in a genome-reduced bacterial pathogen. <i>Scientific Reports</i> , 2017, 7, 11063.	3.3	35

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91	Comparative genomic analysis of a multiple antimicrobial resistant enterotoxigenic <i>E. coli</i> O157 lineage from Australian pigs. <i>BMC Genomics</i> , 2015, 16, 165.	2.8	34
92	<i>Clostridium chauvoei</i> , an Evolutionary Dead-End Pathogen. <i>Frontiers in Microbiology</i> , 2017, 8, 1054.	3.5	33
93	Whole Genome Sequencing of <i>Escherichia coli</i> From Store-Bought Produce. <i>Frontiers in Microbiology</i> , 2019, 10, 3050.	3.5	33
94	CORRESPONDENCE. <i>Journal of Medical Microbiology</i> , 2002, 51, 713-714.	1.8	33
95	Clonal ST131-H22 <i>Escherichia coli</i> strains from a healthy pig and a human urinary tract infection carry highly similar resistance and virulence plasmids. <i>Microbial Genomics</i> , 2019, 5, .	2.0	33
96	The <i>Mycoplasma gallisepticum</i> OsmC-like protein MG1142 resides on the cell surface and binds heparin. <i>Microbiology (United Kingdom)</i> , 2007, 153, 1455-1463.	1.8	32
97	Temporal dynamics and subpopulation analysis of <i>Theileria orientalis</i> genotypes in cattle. <i>Infection, Genetics and Evolution</i> , 2015, 32, 199-207.	2.3	31
98	Complete Sequences of Multiple-Drug Resistant IncHI2 ST3 Plasmids in <i>Escherichia coli</i> of Porcine Origin in Australia. <i>Frontiers in Sustainable Food Systems</i> , 2019, 3, .	3.9	31
99	Oral immunization of swine with attenuated <i>Salmonella typhimurium</i> aro A SL3261 expressing a recombinant antigen of <i>Mycoplasma hyopneumoniae</i> (NrdF) primes the immune system for a NrdF specific secretory IgA response in the lungs. <i>Microbial Pathogenesis</i> , 2001, 30, 101-110.	2.9	30
100	Mass spectrometric characterization of the <i>Campylobacter jejuni</i> adherence factor CadF reveals post-translational processing that removes immunogenicity while retaining fibronectin binding. <i>Proteomics</i> , 2010, 10, 277-288.	2.2	30
101	Extracellular Actin Is a Receptor for <i>Mycoplasma hyopneumoniae</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 54.	3.9	30
102	<i>Escherichia coli</i> Sequence Type 457 Is an Emerging Extended-Spectrum- $\beta$ -Lactam-Resistant Lineage with Reservoirs in Wildlife and Food-Producing Animals. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 65, .	3.2	30
103	DNA restriction endonuclease profiles and typing of geographically diverse isolates of <i>Bacillus</i> larvae. <i>Journal of Apicultural Research</i> , 1994, 33, 95-103.	1.5	29
104	Emergence and Evolution of Multiply Antibiotic-Resistant <i>Salmonella enterica</i> Serovar Paratyphi B $\Delta$ -Tartrate-Utilizing Strains Containing SGI1. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2319-2326.	3.2	29
105	Genetic Features of <i>mcr-1</i> Mediated Colistin Resistance in CMY-2-Producing <i>Escherichia coli</i> From Romanian Poultry. <i>Frontiers in Microbiology</i> , 2019, 10, 2267.	3.5	29
106	Molecular characterization of a ribonucleotide reductase ( <i>nrdF</i> ) gene fragment of <i>Mycoplasma hyopneumoniae</i> and assessment of the recombinant product as an experimental vaccine for enzootic pneumonia. <i>Infection and Immunity</i> , 1996, 64, 1060-1064.	2.2	29
107	Genetic diversity among <i>Mycoplasma</i> species bovine group 7: Clonal isolates from an outbreak of polyarthritis, mastitis, and abortion in dairy cattle. <i>Electrophoresis</i> , 2001, 22, 3551-3561.	2.4	28
108	Genomic interplay in bacterial communities: implications for growth promoting practices in animal husbandry. <i>Frontiers in Microbiology</i> , 2014, 5, 394.	3.5	28

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109	The application of terminomics for the identification of protein start sites and proteoforms in bacteria. <i>Proteomics</i> , 2016, 16, 257-272.	2.2	28
110	Antimicrobial Resistance Profile and ExPEC Virulence Potential in Commensal <i>Escherichia coli</i> of Multiple Sources. <i>Antibiotics</i> , 2021, 10, 351.	3.7	28
111	Geographically diverse Australian isolates of <i>Melissococcus pluton</i> exhibit minimal genotypic diversity by restriction endonuclease analysis. <i>FEMS Microbiology Letters</i> , 1999, 173, 311-318.	1.8	27
112	The genome of <i>Clostridium difficile</i> 5.3. <i>Gut Pathogens</i> , 2014, 6, 4.	3.4	27
113	<i>Vibrio cholerae</i> residing in food vacuoles expelled by protozoa are more infectious in vivo. <i>Nature Microbiology</i> , 2019, 4, 2466-2474.	13.3	27
114	Demonstration that Australian <i>Pasteurella multocida</i> isolates from sporadic outbreaks of porcine pneumonia are non-toxigenic (toxA-) and display heterogeneous DNA restriction endonuclease profiles compared with toxigenic isolates from herds with progressive atrophic rhinitis. <i>Journal of Medical Microbiology</i> , 1998, 47, 679-688.	1.8	26
115	The detection of Shiga toxin-producing <i>Escherichia coli</i> in diagnostic bovine faecal samples using vancomycin-cefixime-cefsulodin blood agar and PCR. <i>FEMS Microbiology Letters</i> , 2001, 198, 17-22.	1.8	26
116	Australian multicentre comparison of subtyping methods for the investigation of <i>Campylobacter</i> infection. <i>Epidemiology and Infection</i> , 2006, 134, 768-779.	2.1	26
117	High contiguity genome sequence of a multidrug-resistant hospital isolate of <i>Enterobacter hormaechei</i> . <i>Gut Pathogens</i> , 2019, 11, 3.	3.4	26
118	Plasmin activity in the porcine airways is enhanced during experimental infection with <i>Mycoplasma hyopneumoniae</i> , is positively correlated with proinflammatory cytokine levels and is ameliorated by vaccination. <i>Veterinary Microbiology</i> , 2013, 164, 60-66.	1.9	25
119	Evaluation of recombinant <i>Mycoplasma hyopneumoniae</i> P97/P102 paralogs formulated with selected adjuvants as vaccines against mycoplasmal pneumonia in pigs. <i>Vaccine</i> , 2014, 32, 4333-4341.	3.8	25
120	<i>Salmonella</i> Genomic Island 1 is Broadly Disseminated within Gammaproteobacteriaceae. <i>Microorganisms</i> , 2020, 8, 161.	3.6	25
121	Australian porcine clonal complex 10 (CC10) <i>Escherichia coli</i> belong to multiple sublineages of a highly diverse global CC10 phylogeny. <i>Microbial Genomics</i> , 2019, 5, .	2.0	25
122	Genomic profiling of <i>Escherichia coli</i> isolates from bacteraemia patients: a 3-year cohort study of isolates collected at a Sydney teaching hospital. <i>Microbial Genomics</i> , 2020, 6, .	2.0	25
123	Pesticide effects on nitrogen cycle related microbial functions and community composition. <i>Science of the Total Environment</i> , 2022, 807, 150734.	8.0	25
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125	Analysis of <i>Theileria orientalis</i> draft genome sequences reveals potential species-level divergence of the Ikeda, Chitose and Buffeli genotypes. <i>BMC Genomics</i> , 2018, 19, 298.	2.8	24
126	Extracellular DNA release from the genome-reduced pathogen <i>Mycoplasma hyopneumoniae</i> is essential for biofilm formation on abiotic surfaces. <i>Scientific Reports</i> , 2018, 8, 10373.	3.3	24



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129	Genomic islands 1 and 2 carry multiple antibiotic resistance genes in <i>Pseudomonas aeruginosa</i> ST235, ST253, ST111 and ST175 and are globally dispersed. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 620-622.	3.0	22
130	Whole-Genome Sequence Analysis of an Extensively Drug-Resistant <i>Salmonella enterica</i> Serovar Agona Isolate from an Australian Silver Gull ( <i>Chroicocephalus novaehollandiae</i> ) Reveals the Acquisition of Multidrug Resistance Plasmids. <i>MSphere</i> , 2020, 5, .	2.9	22
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139	Genomic analysis of phylogenetic group B2 extraintestinal pathogenic <i>E. coli</i> causing infections in dogs in Australia. <i>Veterinary Microbiology</i> , 2020, 248, 108783.	1.9	20
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142	New Integron-Associated Gene Cassette Encoding a Trimethoprim-Resistant DfrB-Type Dihydrofolate Reductase. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2863-2865.	3.2	19
143	Development of Non-Antibiotic-Resistant, Chromosomally Based, Constitutive and Inducible Expression Systems for <i>aroA</i> -Attenuated <i>Salmonella enterica</i> Serovar Typhimurium. <i>Infection and Immunity</i> , 2009, 77, 1817-1826.	2.2	19
144	The pyruvate dehydrogenase complex of <i>Mycoplasma hyopneumoniae</i> contains a novel lipoyl domain arrangement. <i>Gene</i> , 2003, 319, 99-106.	2.2	18

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157	Restriction endonuclease analysis of atypical <i>Aeromonas salmonicida</i> isolates from goldfish <i>Carassius auratus</i> , silver perch <i>Bidyanus bidyanus</i> , and greenback flounder <i>Rhombosolea tapirina</i> in Australia. <i>Diseases of Aquatic Organisms</i> , 1995, 22, 185-191.	1.0	14
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171	First Emergence of Resistance to Macrolides and Tetracycline Identified in <i>Mannheimia haemolytica</i> and <i>Pasteurella multocida</i> Isolates from Beef Feedlots in Australia. <i>Microorganisms</i> , 2021, 9, 1322.	3.6	11
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182	Close genetic linkage between human and companion animal extraintestinal pathogenic <i>Escherichia coli</i> ST127. <i>Current Research in Microbial Sciences</i> , 2022, 3, 100106.	2.3	9
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