Andrew S Waller

List of Publications by Year
in descending order

95 papers	2,959 citations	186265 28 h-index	182427 51 g-index
102 all docs	102 docs citations	102 times ranked	2166 citing authors

#	Article	IF	Citations
1	Population Genetic Structure of the Staphylococcus intermedius Group: Insights into agr Diversification and the Emergence of Methicillin-Resistant Strains. Journal of Bacteriology, 2007, 189, 8685-8692.	2.2	241
2	Genomic Evidence for the Evolution of Streptococcus equi: Host Restriction, Increased Virulence, and Genetic Exchange with Human Pathogens. PLoS Pathogens, 2009, 5, e1000346.	4.7	197
3	Antibacterial Activities and Characterization of Novel Inhibitors of LpxC. Antimicrobial Agents and Chemotherapy, 2002, 46, 1793-1799.	3.2	195
4	Emergence of methicillin resistance predates the clinical use of antibiotics. Nature, 2022, 602, 135-141.	27.8	138
5	Streptococcus equi Infections in Horses: Guidelines for Treatment, Control, and Prevention of Stranglesâ€"Revised Consensus Statement. Journal of Veterinary Internal Medicine, 2018, 32, 633-647.	1.6	121
6	Combining two serological assays optimises sensitivity and specificity for the identification of Streptococcus equi subsp. equi exposure. Veterinary Journal, 2013, 197, 188-191.	1.7	120
7	Development of an unambiguous and discriminatory multilocus sequence typing scheme for the Streptococcus zooepidemicus group. Microbiology (United Kingdom), 2008, 154, 3016-3024.	1.8	102
8	Sequence Variation of the SeM Gene of Streptococcus equi Allows Discrimination of the Source of Strangles Outbreaks. Journal of Clinical Microbiology, 2006, 44, 480-486.	3.9	95
9	A Shared Population of Epidemic Methicillin-Resistant Staphylococcus aureus 15 Circulates in Humans and Companion Animals. MBio, 2014, 5, e00985-13.	4.1	95
10	Genomic insights into the rapid emergence and evolution of MDR in Staphylococcus pseudintermedius. Journal of Antimicrobial Chemotherapy, 2015, 70, 997-1007.	3.0	77
11	Getting a grip on strangles: Recent progress towards improved diagnostics and vaccines. Veterinary Journal, 2007, 173, 492-501.	1.7	69
12	Zoonotic transmission of Streptococcus equi subsp. zooepidemicus from a dog to a handler. Journal of Medical Microbiology, 2010, 59, 120-123.	1.8	69
13	Genome specialization and decay of the strangles pathogen, Streptococcus equi, is driven by persistent infection. Genome Research, 2015, 25, 1360-1371.	5.5	60
14	Identification of Three Novel Superantigen-Encoding Genes in Streptococcus equi subsp. zooepidemicus , szeF , szeN , and szeP. Infection and Immunity, 2010, 78, 4817-4827.	2.2	56
15	Mutation of the Maturase Lipoprotein Attenuates the Virulence of Streptococcus equi to a Greater Extent than Does Loss of General Lipoprotein Lipidation. Infection and Immunity, 2006, 74, 6907-6919.	2.2	55
16	A novel streptococcal integrative conjugative element involved in iron acquisition. Molecular Microbiology, 2008, 70, 1274-1292.	2.5	55
17	New Perspectives for the Diagnosis, Control, Treatment, and Prevention of Strangles in Horses. Veterinary Clinics of North America Equine Practice, 2014, 30, 591-607.	0.7	51
18	Detection of Streptococcus equi subspecies equi using a triplex qPCR assay. Veterinary Journal, 2013, 195, 300-304.	1.7	50

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19	In vitro antibacterial activity of the peptide deformylase inhibitor BB-83698. Journal of Antimicrobial Chemotherapy, 2004, 53, 664-668.	3.0	48
20	Identification of LukPQ, a novel, equid-adapted leukocidin of Staphylococcus aureus. Scientific Reports, 2017, 7, 40660.	3.3	47
21	Streptococcus equi: a pathogen restricted to one host. Journal of Medical Microbiology, 2011, 60, 1231-1240.	1.8	46
22	Improved de novo genomic assembly for the domestic donkey. Science Advances, 2018, 4, eaaq0392.	10.3	46
23	Getting to Grips with Strangles: An Effective Multi-Component Recombinant Vaccine for the Protection of Horses from Streptococcus equi Infection. PLoS Pathogens, 2009, 5, e1000584.	4.7	42
24	Molecular characterisation of â€˜stranglesâ€™ outbreaks in the UK: The use of M-protein typing of Streptococcus equi ssp. equi. Equine Veterinary Journal, 2011, 43, 359-364.	1.7	39
25	Characterization of Pneumonia Due to Streptococcus equi subsp. zooepidemicus in Dogs. Vaccine Journal, 2010, 17, 1790-1796.	3.1	36
26	Contribution of Each of Four Superantigens toStreptococcus equi-Induced Mitogenicity, Gamma Interferon Synthesis, and Immunity. Infection and Immunity, 2010, 78, 1728-1739.	2.2	35
27	Outbreak of upper respiratory disease in horses caused by Streptococcus equi subsp. zooepidemicus ST-24. Veterinary Microbiology, 2013, 166, 281-285.	1.9	35
28	Gene fitness landscape of group A streptococcus during necrotizing myositis. Journal of Clinical Investigation, 2019, 129, 887-901.	8.2	34
29	Novel Genes Required for the Fitness of Streptococcus pyogenes in Human Saliva. MSphere, 2017, 2, .	2.9	30
30	Strangvac: A recombinant fusion protein vaccine that protects against strangles, caused by Streptococcus equi. Vaccine, 2018, 36, 1484-1490.	3.8	30
31	Strangles: Taking steps towards eradication. Veterinary Microbiology, 2013, 167, 50-60.	1.9	28
32	Modified live Streptococcus equi (â€˜stranglesâ€™) vaccination followed by clinically adverse reactions associated with bacterial replication. Equine Veterinary Journal, 2007, 39, 284-286.	1.7	27
33	Vaccination of horses against strangles using recombinant antigens from Streptococcus equi. Vaccine, 2007, 25, 3629-3635.	3.8	26
34	Molecular epidemiology of strangles outbreaks in the UK during 2010. Veterinary Record, 2011, 168, 666-666.	0.3	26
35	Prevalence ofStreptococcus dysgalactiaesubsp.equisimilisandS. equisubsp.zooepidemicusin a sample of healthy dogs, cats and horses. New Zealand Veterinary Journal, 2015, 63, 265-271.	0.9	26
36	Defining the ABC of gene essentiality in streptococci. BMC Genomics, 2017, 18, 426.	2.8	25

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37	Lack of Correlation between Antibody Titers to Fibrinogen-Binding Protein of Streptococcus Equi and Persistent Carriers of Strangles. Journal of Veterinary Diagnostic Investigation, 2008, 20, 457-462.	1.1	23
38	Genetic Diversity of Streptococcus equi subsp. zooepidemicus and Doxycycline Resistance in Kennelled Dogs. Journal of Clinical Microbiology, 2012, 50, 2134-2136.	3.9	23
39	The Streptococcus equi prophage-encoded protein SEQ2045 is a hyaluronan-specific hyaluronate lyase that is produced during equine infection. Microbiology (United Kingdom), 2009, 155, 443-449.	1.8	20
40	Genomic Dissection of an Icelandic Epidemic of Respiratory Disease in Horses and Associated Zoonotic Cases. MBio, 2017, 8, .	4.1	20
41	Intramuscular vaccination with Strangvac is safe and induces protection against equine strangles caused by Streptococcus equi. Vaccine, 2020, 38, 4861-4868.	3.8	19
42	Streptococcus zooepidemicus and Streptococcus equi evolution: the role of CRISPRs. Biochemical Society Transactions, 2013, 41, 1437-1443.	3.4	17
43	Influence of penicillin treatment of horses with strangles on seropositivity to Streptococcus equi ssp. equi â€specific antibodies. Journal of Veterinary Internal Medicine, 2020, 34, 294-299.	1.6	17
44	Strangles in horses can be caused by vaccination with Pinnacle I. N.. Vaccine, 2015, 33, 3440-3443.	3.8	16
45	Canine Strangles Case Reveals a New Host Susceptible to Infection with Streptococcus equi. Journal of Clinical Microbiology, 2006, 44, 2664-2665.	3.9	14
46	Investigation of suspected adverse reactions following strangles vaccination in horses. Veterinary Record, 2005, 156, 291-292.	0.3	13
47	Seroprevalence of Streptococcus equi in working horses in Lesotho. Veterinary Record, 2011, 169, 72-72.	0.3	13
48	Streptococcus canis multilocus sequence typing in a case series of dogs with ulcerative keratitis. Veterinary Ophthalmology, 2020, 23, 252-258.	1.0	13
49	Use of a novel serological test for exposure to Streptococcus equi subspecies equi in hospitalised horses. Veterinary Record, 2010, 166, 294-297.	0.3	12
50	Vaccination with a live multi-gene deletion strain protects horses against virulent challenge with Streptococcus equi. Vaccine, 2015, 33, 1160-1167.	3.8	12
51	Prevalence and disease associations of superantigens szeF, szeN and szeP in the S. zooepidemicus population and possible functional redundancy of szeF. Research in Veterinary Science, 2014, 97, 481-487.	1.9	11
52	An outbreak of strangles associated with a novel genotype of Streptococcus equi subspecies equi in donkeys in China during 2018. Equine Veterinary Journal, 2019, 51, 743-748.	1.7	11
53	Streptococcus equi subspecies equi in horses in Israel: seroprevalence and strain types. Veterinary Record Open, 2016, 3, e000187.	1.0	10
54	Acute fatal haemorrhagic pneumonia caused by Streptococcus equi zooepidemicus in greyhounds in Ireland with subsequent typing of the isolates. Veterinary Record, 2017, 181, 119-119.	0.3	10

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55	Prominent Binding of Human and Equine Fibrinogen to Streptococcus equi subsp. zooepidemicus Is Mediated by Specific SzM Types and Is a Distinct Phenotype of Zoonotic Isolates. Infection and Immunity, 2019, 88, .	2.2	10
56	Strangles: a pathogenic legacy of the war horse. Veterinary Record, 2016, 178, 91-92.	0.3	9
57	StreptococcalsagAactivates a proinflammatory response in mast cells by a sublytic mechanism. Cellular Microbiology, 2019, 21, e13064.	2.1	9
58	Markers of long term silent carriers of Streptococcus equi ssp. equi in horses. Journal of Veterinary Internal Medicine, 2020, 34, 2751-2757.	1.6	9
59	Genome-Wide Assessment of Streptococcus agalactiae Genes Required for Survival in Human Whole Blood and Plasma. Infection and Immunity, 2020, 88, .	2.2	9
60	Genome-Wide Screens Identify Group A Streptococcus Surface Proteins Promoting Female Genital Tract Colonization and Virulence. American Journal of Pathology, 2020, 190, 862-873.	3.8	9
61	Globetrotting strangles: the unbridled national and international transmission of Streptococcus equi between horses. Microbial Genomics, 2021, 7, .	2.0	9
62	The creation of a new monster: MRSA and MRSI â€“ Important emerging veterinary and zoonotic diseases. Veterinary Journal, 2005, 169, 315-316.	1.7	8
63	Characterisation of SEQ0694 (PrsA/PrtM) of Streptococcus equi as a functional peptidyl-prolyl isomerase affecting multiple secreted protein substrates. Molecular BioSystems, 2015, 11, 3279-3286.	2.9	8
64	Strangles: A modern clinical view from the 17th century. Equine Veterinary Journal, 2017, 49, 141-145.	1.7	8
65	Immunogenicity of phospholipase A 2 toxins and their role in Streptococcus equi pathogenicity. Veterinary Microbiology, 2017, 204, 15-19.	1.9	8
66	Functional Insights into the High-Molecular-Mass Penicillin-Binding Proteins of Streptococcus agalactiae Revealed by Gene Deletion and Transposon Mutagenesis Analysis. Journal of Bacteriology, 2021, 203, e0023421.	2.2	8
67	Streptococcus pyogenes genes that promote pharyngitis in primates. JCI Insight, 2020, 5, .	5.0	8
68	Scienceâ€inâ€brief: Streptococcus zooepidemicus: a versatile opportunistic pathogen that hedges its bets in horses. Equine Veterinary Journal, 2017, 49, 146-148.	1.7	7
69	Diversity of Streptococcus equi subsp. zooepidemicus strains isolated from the Spanish sheep and goat population and the identification, function and prevalence of a novel arbutin utilisation system. Veterinary Microbiology, 2017, 207, 231-238.	1.9	7
70	Streptococcus equi: breaking its stranglesâ€hold. Veterinary Record, 2018, 182, 316-318.	0.3	7
71	Serological responses of Australian horses using a commercial duplex indirect ELISA following vaccination against strangles. Australian Veterinary Journal, 2019, 97, 220-224.	1.1	7
72	Horses vaccinated with live attenuated intranasal strangles vaccine seroconvert to SEQ2190 and SeM. Equine Veterinary Journal, 2022, 54, 299-305.	1.7	7

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73	Surveillance of strangles in UK horses between 2015 and 2019 based on laboratory detection of Streptococcus equi. Veterinary Record, 2021, 189, e948.	0.3	7
74	Streptococcus hillyeri sp. nov., isolated from equine trachea. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 3009-3013.	1.7	7
75	Novel approaches to antimicrobial therapy: peptide deformylase. Current Opinion in Drug Discovery & Development, 2002, 5, 785-92.	1.9	7
76	Streptococcus equi infections: current best practice in the diagnosis and management of â€˜stranglesâ€™. UK-Vet Equine, 2021, 5, S3-S15.	0.1	5
77	Equine respiratory disease: A causal role for Streptococcus zooepidemicus. Veterinary Journal, 2014, 201, 3-4.	1.7	4
78	Letters to the Editor. Journal of the American Veterinary Medical Association, 2007, 231, 1335-1336.	0.5	3
79	Transcriptional changes are involved in phenotype switching in Streptococcus equi subspecies equi. Molecular BioSystems, 2016, 12, 1194-1200.	2.9	3
80	Novel seMâ€¢types of Streptococcus equi subsp. equi identified in isolates circulating in Argentina. Equine Veterinary Journal, 2022, 54, 132-138.	1.7	3
81	Identification of genes required for the fitness of Streptococcus equi subsp. equi in whole equine blood and hydrogen peroxide. Microbial Genomics, 2020, 6, .	2.0	3
82	Conservation of vaccine antigen sequences encoded by sequenced strains of Streptococcus equi subsp. equi. Equine Veterinary Journal, 2023, 55, 92-101.	1.7	3
83	Seroprevalence of Streptococcus equi subspecies equi in Croatia â€“ Short communication. Acta Veterinaria Hungarica, 2021, 68, 361-363.	0.5	2
84	PinR mediates the generation of reversible population diversity in Streptococcus zooepidemicus. Microbiology (United Kingdom), 2015, 161, 1105-1112.	1.8	2
85	Identification of a Novel Genotype of Streptococcus equi Subspecies equi in a Donkey Suffering from Strangles. Pakistan Veterinary Journal, 2019, 39, 609-611.	2.0	2
86	Identification of a Streptococcus equi Strain Responsible for Four Outbreaks of Strangles in Colorado. Journal of Equine Veterinary Science, 2007, 27, 395-397.	0.9	1
87	Localised mitogenic activity in horses following infection with Streptococcus equi. Research in Veterinary Science, 2015, 100, 100-104.	1.9	1
88	Multiorgan Disease and Death Associated With Streptococcus equi spp. zooepidemicus in a 2-Month-Old Foal. Journal of Equine Veterinary Science, 2018, 70, 112-116.	0.9	1
89	Metastatic abscessation and other potential complications following strangles. Equine Veterinary Education, 2019, 31, 539-542.	0.6	1
90	â€˜Subtle stranglesâ€™ â€“ the more elusive signs of the disease. Equine Health, 2019, 2019, 16-18.	0.1	1

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91	SpeS: A Novel Superantigen and Its Potential as a Vaccine Adjuvant against Strangles. International Journal of Molecular Sciences, 2020, 21, 4467.	4.1	1
92	UnsaddlingStreptococcus equiinfection of horses. UK-Vet Equine, 2022, 6, 61-67.	0.1	1
93	Identification and Characterization of a Rat Macrophage Inflammatory Protein-1Î± Receptor. Journal of Hematotherapy and Stem Cell Research, 2000, 9, 703-709.	1.8	0
94	Protective vaccination in the horse against Streptococcus equi with recombinant antigens. Nature Precedings, 2009, , .	0.1	0
95	Adhesion of Streptococcus equi to Airâ€“Liquid Interface ExÂVivo Cultures of the Equine Guttural Pouch Mucosa Is Inhibited by Heparin. Journal of Equine Veterinary Science, 2016, 42, 7-11.	0.9	0