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	Conservation of vaccine antigen sequences encoded by sequenced strains of Streptococcus equi subsp. equi. Equine Veterinary Journal, 2023, 55, 92-101.	1.7	3
2	Novel seMâ€types of Streptococcus equi subsp. equi identified in isolates circulating in Argentina. Equine Veterinary Journal, 2022, 54, 132-138.	1.7	3
3	Horses vaccinated with live attenuated intranasal strangles vaccine seroconvert to SEQ2190 and SeM. Equine Veterinary Journal, 2022, 54, 299-305.	1.7	7
4	Emergence of methicillin resistance predates the clinical use of antibiotics. Nature, 2022, 602, 135-141.	27.8	138
5	UnsaddlingStreptococcus equiinfection of horses. UK-Vet Equine, 2022, 6, 61-67.	0.1	1
6	Globetrotting strangles: the unbridled national and international transmission of Streptococcus equi between horses. Microbial Genomics, 2021, 7, .	2.0	9
7	Streptococcus equi infections: current best practice in the diagnosis and management of â€˜stranglesâ€™. UK-Vet Equine, 2021, 5, S3-S15.	0.1	5
8	Seroprevalence of Streptococcus equi subspecies equi in Croatia â€“ Short communication. Acta Veterinaria Hungarica, 2021, 68, 361-363.	0.5	2
9	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
10	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
11	Streptococcus canis multilocus sequence typing in a case series of dogs with ulcerative keratitis. Veterinary Ophthalmology, 2020, 23, 252-258.	1.0	13
12	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
13	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
14	Genome-Wide Assessment of Streptococcus agalactiae Genes Required for Survival in Human Whole Blood and Plasma. Infection and Immunity, 2020, 88, .	2.2	9
15	SpeS: A Novel Superantigen and Its Potential as a Vaccine Adjuvant against Strangles. International Journal of Molecular Sciences, 2020, 21, 4467.	4.1	1
16	Intramuscular vaccination with Strangvac is safe and induces protection against equine strangles caused by Streptococcus equi. Vaccine, 2020, 38, 4861-4868.	3.8	19
17	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
18	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

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19	Streptococcus pyogenes genes that promote pharyngitis in primates. JCI Insight, 2020, 5, .	5.0	8
20	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
21	StreptococcalsagAactivates a proinflammatory response in mast cells by a sublytic mechanism. Cellular Microbiology, 2019, 21, e13064.	2.1	9
22	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
23	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
24	Metastatic abscessation and other potential complications following strangles. Equine Veterinary Education, 2019, 31, 539-542.	0.6	1
25	â€˜Subtle stranglesâ€™ â€“ the more elusive signs of the disease. Equine Health, 2019, 2019, 16-18.	0.1	1
26	Streptococcus hillyeri sp. nov., isolated from equine trachea. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 3009-3013.	1.7	7
27	Gene fitness landscape of group A streptococcus during necrotizing myositis. Journal of Clinical Investigation, 2019, 129, 887-901.	8.2	34
28	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
29	Improved de novo genomic assembly for the domestic donkey. Science Advances, 2018, 4, eaaq0392.	10.3	46
30	Strangvac: A recombinant fusion protein vaccine that protects against strangles, caused by Streptococcus equi. Vaccine, 2018, 36, 1484-1490.	3.8	30
31	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
32	Streptococcus equi: breaking its stranglesâ€hold. Veterinary Record, 2018, 182, 316-318.	0.3	7
33	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
34	Identification of LukPQ, a novel, equid-adapted leukocidin of Staphylococcus aureus. Scientific Reports, 2017, 7, 40660.	3.3	47
35	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
36	Strangles: A modern clinical view from the 17th century. Equine Veterinary Journal, 2017, 49, 141-145.	1.7	8

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37	Immunogenicity of phospholipase A 2 toxins and their role in Streptococcus equi pathogenicity. Veterinary Microbiology, 2017, 204, 15-19.	1.9	8
38	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
39	Genomic Dissection of an Icelandic Epidemic of Respiratory Disease in Horses and Associated Zoonotic Cases. MBio, 2017, 8, .	4.1	20
40	Defining the ABC of gene essentiality in streptococci. BMC Genomics, 2017, 18, 426.	2.8	25
41	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
42	Novel Genes Required for the Fitness of Streptococcus pyogenes in Human Saliva. MSphere, 2017, 2, .	2.9	30
43	Transcriptional changes are involved in phenotype switching in Streptococcus equi subspecies equi. Molecular BioSystems, 2016, 12, 1194-1200.	2.9	3
44	Strangles: a pathogenic legacy of the war horse. Veterinary Record, 2016, 178, 91-92.	0.3	9
45	Streptococcus equi subspecies equi in horses in Israel: seroprevalence and strain types. Veterinary Record Open, 2016, 3, e000187.	1.0	10
46	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
47	Genomic insights into the rapid emergence and evolution of MDR in Staphylococcus pseudintermedius. Journal of Antimicrobial Chemotherapy, 2015, 70, 997-1007.	3.0	77
48	Localised mitogenic activity in horses following infection with Streptococcus equi. Research in Veterinary Science, 2015, 100, 100-104.	1.9	1
49	Vaccination with a live multi-gene deletion strain protects horses against virulent challenge with Streptococcus equi. Vaccine, 2015, 33, 1160-1167.	3.8	12
50	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
51	Strangles in horses can be caused by vaccination with Pinnacle I. N.. Vaccine, 2015, 33, 3440-3443.	3.8	16
52	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
53	Genome specialization and decay of the strangles pathogen, Streptococcus equi, is driven by persistent infection. Genome Research, 2015, 25, 1360-1371.	5.5	60
54	PinR mediates the generation of reversible population diversity in Streptococcus zooepidemicus. Microbiology (United Kingdom), 2015, 161, 1105-1112.	1.8	2

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55	A Shared Population of Epidemic Methicillin-Resistant Staphylococcus aureus 15 Circulates in Humans and Companion Animals. MBio, 2014, 5, e00985-13.	4.1	95
56	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
57	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
58	Equine respiratory disease: A causal role for Streptococcus zooepidemicus. Veterinary Journal, 2014, 201, 3-4.	1.7	4
59	Strangles: Taking steps towards eradication. Veterinary Microbiology, 2013, 167, 50-60.	1.9	28
60	Detection of Streptococcus equi subspecies equi using a triplex qPCR assay. Veterinary Journal, 2013, 195, 300-304.	1.7	50
61	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
62	Outbreak of upper respiratory disease in horses caused by Streptococcus equi subsp. zooepidemicus ST-24. Veterinary Microbiology, 2013, 166, 281-285.	1.9	35
63	Streptococcus zooepidemicus and Streptococcus equi evolution: the role of CRISPRs. Biochemical Society Transactions, 2013, 41, 1437-1443.	3.4	17
64	Genetic Diversity of Streptococcus equi subsp. zooepidemicus and Doxycycline Resistance in Kennelled Dogs. Journal of Clinical Microbiology, 2012, 50, 2134-2136.	3.9	23
65	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
66	Molecular epidemiology of strangles outbreaks in the UK during 2010. Veterinary Record, 2011, 168, 666-666.	0.3	26
67	Streptococcus equi: a pathogen restricted to one host. Journal of Medical Microbiology, 2011, 60, 1231-1240.	1.8	46
68	Seroprevalence of Streptococcus equi in working horses in Lesotho. Veterinary Record, 2011, 169, 72-72.	0.3	13
69	Characterization of Pneumonia Due to Streptococcus equi subsp. zooepidemicus in Dogs. Vaccine Journal, 2010, 17, 1790-1796.	3.1	36
70	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
71	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
72	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

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73	Zoonotic transmission of Streptococcus equi subsp. zooepidemicus from a dog to a handler. Journal of Medical Microbiology, 2010, 59, 120-123.	1.8	69
74	Protective vaccination in the horse against Streptococcus equi with recombinant antigens. Nature Precedings, 2009, , .	0.1	0
75	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
76	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
77	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
78	A novel streptococcal integrative conjugative element involved in iron acquisition. Molecular Microbiology, 2008, 70, 1274-1292.	2.5	55
79	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
80	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
81	Letters to the Editor. Journal of the American Veterinary Medical Association, 2007, 231, 1335-1336.	0.5	3
82	Vaccination of horses against strangles using recombinant antigens from Streptococcus equi. Vaccine, 2007, 25, 3629-3635.	3.8	26
83	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
84	Getting a grip on strangles: Recent progress towards improved diagnostics and vaccines. Veterinary Journal, 2007, 173, 492-501.	1.7	69
85	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
86	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
87	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
88	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
89	Canine Strangles Case Reveals a New Host Susceptible to Infection with Streptococcus equi. Journal of Clinical Microbiology, 2006, 44, 2664-2665.	3.9	14
90	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

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91	Investigation of suspected adverse reactions following strangles vaccination in horses. Veterinary Record, 2005, 156, 291-292.	0.3	13
92	In vitro antibacterial activity of the peptide deformylase inhibitor BB-83698. Journal of Antimicrobial Chemotherapy, 2004, 53, 664-668.	3.0	48
93	Antibacterial Activities and Characterization of Novel Inhibitors of LpxC. Antimicrobial Agents and Chemotherapy, 2002, 46, 1793-1799.	3.2	195
94	Novel approaches to antimicrobial therapy: peptide deformylase. Current Opinion in Drug Discovery & Development, 2002, 5, 785-92.	1.9	7
95	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