

Chong Wang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

188
papers

3,014
citations

30
h-index

42
g-index

198
ext. papers

3,673
ext. citations

2.8
avg, IF

5
L-index

#	Paper	IF	Citations
188	Transcriptomic and ultrastructural evidence indicate that anti-HMGB1 antibodies rescue organic dust-induced mitochondrial dysfunction.. <i>Cell and Tissue Research</i> , 2022 , 1	4.2	
187	Whole-herd risk factors associated with wean-to-finish mortality under the conditions of a Midwestern USA swine production system. <i>Preventive Veterinary Medicine</i> , 2021 , 198, 105545	3.1	1
186	A field trial comparing four oral nonsteroidal anti-inflammatory drugs on controlling cautery dehorning pain and stress in calves. <i>Translational Animal Science</i> , 2021 , 5, txab041	1.4	0
185	Pseudorabies (Aujeszky's disease) virus DNA detection in swine nasal swab and oral fluid specimens using a gB-based real-time quantitative PCR. <i>Preventive Veterinary Medicine</i> , 2021 , 189, 105308	3.1	3
184	Mycoplasma hyopneumoniae Surveillance in Pig Populations: Establishing Sampling Guidelines for Detection in Growing Pigs. <i>Journal of Clinical Microbiology</i> , 2021 , 59,	9.7	3
183	Comparison of ZMAC and MARC-145 Cell Lines for Improving Porcine Reproductive and Respiratory Syndrome Virus Isolation from Clinical Samples. <i>Journal of Clinical Microbiology</i> , 2021 , 59,	9.7	6
182	Active regional surveillance for early detection of exotic/emerging pathogens of swine: A comparison of statistical methods for farm selection. <i>Preventive Veterinary Medicine</i> , 2021 , 187, 105233	3.1	0
181	A Bayesian latent class mixture model with censoring for correlation analysis in antimicrobial resistance across populations. <i>BMC Medical Research Methodology</i> , 2021 , 21, 186	4.7	1
180	Pathogenesis of a novel porcine parainfluenza virus type 1 isolate in conventional and colostrum deprived/caesarean derived pigs. <i>Virology</i> , 2021 , 563, 88-97	3.6	3
179	A Bayesian approach to modeling antimicrobial multidrug resistance.. <i>PLoS ONE</i> , 2021 , 16, e0261528	3.7	1
178	A likelihood ratio test for the homogeneity of between-study variance in network meta-analysis. <i>Systematic Reviews</i> , 2021 , 10, 310	3	0
177	A method of back-calculating the log odds ratio and standard error of the log odds ratio from the reported group-level risk of disease. <i>PLoS ONE</i> , 2020 , 15, e0222690	3.7	1
176	Modeling regional disease spread over time using a dynamic spatio-temporal model - With an application to porcine epidemic diarrhea virus data in Iowa, US. <i>Preventive Veterinary Medicine</i> , 2020 , 181, 105053	3.1	
175	Comparing the estimates of effect obtained from statistical causal inference methods: An example using bovine respiratory disease in feedlot cattle. <i>PLoS ONE</i> , 2020 , 15, e0233960	3.7	2
174	A hierarchical Bayesian latent class mixture model with censorship for detection of linear temporal changes in antibiotic resistance. <i>PLoS ONE</i> , 2020 , 15, e0220427	3.7	6
173	Prediction of seasonal patterns of porcine reproductive and respiratory syndrome virus RNA detection in the U.S. swine industry. <i>Journal of Veterinary Diagnostic Investigation</i> , 2020 , 32, 394-400	1.5	8
172	Detection of pseudorabies virus antibody in swine oral fluid using a serum whole-virus indirect ELISA. <i>Journal of Veterinary Diagnostic Investigation</i> , 2020 , 32, 535-541	1.5	3

171	How to Conduct a Bayesian Network Meta-Analysis. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 271	3.1	13
170	Validation of a Multielectrode Bioelectrical Impedance Analyzer With a Dual-Energy X-Ray Absorptiometer for the Assessment of Body Composition in Older Adults. <i>Journal of Aging and Physical Activity</i> , 2020 , 1-7	1.6	1
169	Neutrophil extracellular traps in stored canine red blood cell units. <i>Journal of Veterinary Internal Medicine</i> , 2020 , 34, 1894-1902	3.1	2
168	Inducible nitric oxide synthase inhibitor, 1400W, mitigates DFP-induced long-term neurotoxicity in the rat model. <i>Neurobiology of Disease</i> , 2020 , 133, 104443	7.5	22
167	Temporal Dynamics of Chronic Inflammation on the Cecal Microbiota in IL-10 Mice. <i>Frontiers in Immunology</i> , 2020 , 11, 585431	8.4	1
166	Assessment of immediate production impact following attenuated PRRS type 2 virus vaccination in swine breeding herds. <i>Porcine Health Management</i> , 2019 , 5, 13	3.5	6
165	Mortality Patterns in a Commercial Wean-To Finish Swine Production System. <i>Veterinary Sciences</i> , 2019 , 6,	2.4	1
164	Porcine reproductive and respiratory syndrome virus RNA detection in different matrices under typical storage conditions in the UK. <i>Veterinary Record</i> , 2019 , 185, 21	0.9	2
163	Interventions Targeting Deep Tissue Lymph Nodes May Not Effectively Reduce the Risk of Salmonellosis from Ground Pork Consumption: A Quantitative Microbial Risk Assessment. <i>Risk Analysis</i> , 2019 , 39, 2237-2258	3.9	2
162	Pathogenicity and Competitive Fitness of Serovar 4,[5],12:i:- Compared to Typhimurium and Derby in Swine. <i>Frontiers in Veterinary Science</i> , 2019 , 6, 502	3.1	8
161	Reporting and analysis of repeated measurements in preclinical animals experiments. <i>PLoS ONE</i> , 2019 , 14, e0220879	3.7	2
160	A latent spatial piecewise exponential model for interval-censored disease surveillance data with time-varying covariates and misclassification. <i>Statistics and Its Interface</i> , 2019 , 12, 11-19	0.4	4
159	Comparative efficacy of antimicrobial treatments in dairy cows at dry-off to prevent new intramammary infections during the dry period or clinical mastitis during early lactation: a systematic review and network meta-analysis. <i>Animal Health Research Reviews</i> , 2019 , 20, 199-216	2.1	6
158	The efficacy of litter management strategies to prevent morbidity and mortality in broiler chickens: a systematic review and network meta-analysis. <i>Animal Health Research Reviews</i> , 2019 , 20, 247-262	2.1	2
157	A systematic review and network meta-analysis of bacterial and viral vaccines, administered at or near arrival at the feedlot, for control of bovine respiratory disease in beef cattle. <i>Animal Health Research Reviews</i> , 2019 , 20, 143-162	2.1	7
156	A systematic review and network meta-analysis of injectable antibiotic options for the control of bovine respiratory disease in the first 45 days post arrival at the feedlot. <i>Animal Health Research Reviews</i> , 2019 , 20, 163-181	2.1	7
155	A systematic review of the efficacy of antibiotics for the prevention of swine respiratory disease. <i>Animal Health Research Reviews</i> , 2019 , 20, 291-304	2.1	2
154	Comparative efficacy of teat sealants given prepartum for prevention of intramammary infections and clinical mastitis: a systematic review and network meta-analysis. <i>Animal Health Research Reviews</i> , 2019 , 20, 182-198	2.1	6

153	Comparative efficacy of antimicrobials for treatment of clinical mastitis in lactating dairy cattle: a systematic review and network meta-analysis. <i>Animal Health Research Reviews</i> , 2019 , 20, 229-246	2.1	4
152	Efficacy of bacterial vaccines to prevent respiratory disease in swine: a systematic review and network meta-analysis. <i>Animal Health Research Reviews</i> , 2019 , 20, 274-290	2.1	5
151	How to read and interpret the results of a Bayesian network meta-analysis: a short tutorial. <i>Animal Health Research Reviews</i> , 2019 , 20, 106-115	2.1	2
150	Assessment of Acute Serum Iron, Non-Transferrin-Bound Iron, and Gastrointestinal Symptoms with 3-Week Consumption of Iron-Enriched Compared with Ferrous Sulfate. <i>Current Developments in Nutrition</i> , 2019 , 3, nzz127	0.4	3
149	Glucocorticoid and dietary effects on mucosal microbiota in canine inflammatory bowel disease. <i>PLoS ONE</i> , 2019 , 14, e0226780	3.7	9
148	Correlating Gastrointestinal Histopathologic Changes to Clinical Disease Activity in Dogs With Idiopathic Inflammatory Bowel Disease. <i>Veterinary Pathology</i> , 2019 , 56, 435-443	2.8	28
147	BinQuasi: a peak detection method for ChIP-sequencing data with biological replicates. <i>Bioinformatics</i> , 2018 , 34, 2909-2917	7.2	1
146	Development and implementation of a novel immune thrombocytopenia bleeding score for dogs. <i>Journal of Veterinary Internal Medicine</i> , 2018 , 32, 1041-1050	3.1	6
145	Variation in water disappearance, daily dose, and synovial fluid concentrations of tylvalosin and 3-O-acetyltylosin in commercial pigs during five day water medication with tylvalosin under field conditions. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018 , 41, 632-636	1.4	2
144	Comparison of milk and plasma pharmacokinetics of meloxicam in postpartum versus mid-lactation Holstein cows. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018 , 41, 463-468	1.4	11
143	Detection of porcine reproductive and respiratory syndrome virus (PRRSV)-specific IgM-IgA in oral fluid samples reveals PRRSV infection in the presence of maternal antibody. <i>Veterinary Microbiology</i> , 2018 , 214, 13-20	3.3	10
142	Evaluation of a peroxygen-based disinfectant for inactivation of porcine epidemic diarrhea virus at low temperatures on metal surfaces. <i>Veterinary Microbiology</i> , 2018 , 214, 99-107	3.3	6
141	Changes in the prevalence of Salmonella serovars associated swine production and correlations of avian, bovine and swine-associated serovars with human-associated serovars in the United States (1997-2015). <i>Zoonoses and Public Health</i> , 2018 , 65, 648-661	2.9	9
140	Comparative plasma and interstitial fluid pharmacokinetics of flunixin meglumine and ceftiofur hydrochloride following individual and co-administration in dairy cows. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018 , 41, 76-82	1.4	8
139	Effect of chemical clarification of oral fluids on the detection of porcine reproductive and respiratory syndrome virus IgG. <i>Journal of Veterinary Diagnostic Investigation</i> , 2018 , 30, 671-677	1.5	6
138	Assessment of abattoir based monitoring of PRRSV using oral fluids. <i>Preventive Veterinary Medicine</i> , 2018 , 158, 137-145	3.1	4
137	Clinical and Histologic Evaluation of Polyacrylamide Gel in Normal Equine Metacarpal/Metatarsal-Phalangeal Joints. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2018 , 31, A1-A25	1.2	1
136	A Preliminary Field Trial Evaluating the Efficacy of 4% Polyacrylamide Hydrogel in Horses with Osteoarthritis. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2018 , 31, A1-A25	1.2	

135	Effects of sample handling on the detection of porcine reproductive and respiratory syndrome virus in oral fluids by reverse-transcription real-time PCR. <i>Journal of Veterinary Diagnostic Investigation</i> , 2018 , 30, 807-812	1.5	3
134	The effect of chemical clarification of oral fluids on porcine epidemic diarrhea virus antibody responses. <i>Journal of Veterinary Diagnostic Investigation</i> , 2018 , 30, 937-941	1.5	1
133	Relationship of the mucosal microbiota to gastrointestinal inflammation and small cell intestinal lymphoma in cats. <i>Journal of Veterinary Internal Medicine</i> , 2018 , 32, 1692-1702	3.1	11
132	17 The Impact of Transdermal Flunixin Meglumine on Biomarkers of Pain in Calves When Administered at the Time of Surgical Castration without Local Anesthesia.. <i>Journal of Animal Science</i> , 2018 , 96, 9-9	0.7	
131	The impact of transdermal flunixin meglumine on biomarkers of pain in calves when administered at the time of surgical castration without local anesthesia. <i>Livestock Science</i> , 2018 , 212, 1-6	1.7	13
130	Sampling guidelines for oral fluid-based surveys of group-housed animals. <i>Veterinary Microbiology</i> , 2017 , 209, 20-29	3.3	32
129	Measured and calculated variables of global oxygenation in healthy neonatal foals. <i>American Journal of Veterinary Research</i> , 2017 , 78, 230-238	1.1	2
128	A Preliminary Field Trial Evaluating the Efficacy of 4% Polyacrylamide Hydrogel in Horses With Osteoarthritis. <i>Journal of Equine Veterinary Science</i> , 2017 , 54, 98-102	1.2	3
127	Comparison of humoral and T-cell-mediated immune responses to a single dose of Bovela live double deleted BVDV vaccine or to a field BVDV strain. <i>Veterinary Immunology and Immunopathology</i> , 2017 , 187, 20-27	2	12
126	Clinical and Histologic Evaluation of Polyacrylamide Gel in Normal Equine Metacarpal /Metatarsal-Phalangeal Joints. <i>Journal of Equine Veterinary Science</i> , 2017 , 54, 70-77	1.2	1
125	Evaluation of an accelerated hydrogen peroxide disinfectant to inactivate porcine epidemic diarrhea virus in swine feces on aluminum surfaces under freezing conditions. <i>BMC Veterinary Research</i> , 2017 , 13, 372	2.7	10
124	Intra-laboratory Development and Evaluation of a Quantitative Method for Measurement of Aflatoxins B1, M1 and Q1 in Animal Urine by High Performance Liquid Chromatography with Fluorescence Detection. <i>Journal of Analytical Toxicology</i> , 2017 , 41, 698-707	2.9	0
123	Mycotoxin and metallic element concentrations in peanut products sold in Ugandan markets. <i>Cogent Food and Agriculture</i> , 2017 , 3, 1313925	1.8	8
122	Randomized, controlled trial evaluating the effect of multi-strain probiotic on the mucosal microbiota in canine idiopathic inflammatory bowel disease. <i>Gut Microbes</i> , 2017 , 8, 451-466	8.8	48
121	Evaluation of three hand-held tonometers in normal canine eyes. <i>Veterinary Journal</i> , 2017 , 224, 7-10	2.5	17
120	A study to examine the relationship between metritis severity and depletion of oxytetracycline in plasma and milk after intrauterine infusion. <i>Journal of Dairy Science</i> , 2016 , 99, 8314-8322	4	6
119	A systematic review and meta-analysis of the antibiotic treatment for infectious bovine keratoconjunctivitis: an update. <i>Animal Health Research Reviews</i> , 2016 , 17, 60-75	2.1	11
118	Attempts to enhance cross-protection against porcine reproductive and respiratory syndrome viruses using chimeric viruses containing structural genes from two antigenically distinct strains. <i>Vaccine</i> , 2016 , 34, 4335-42	4.1	9

117	A porcine reproductive and respiratory syndrome virus candidate vaccine based on the synthetic attenuated virus engineering approach is attenuated and effective in protecting against homologous virus challenge. <i>Vaccine</i> , 2016 , 34, 5546-5553	4.1	12
116	Helicobacter bilis Infection Alters Mucosal Bacteria and Modulates Colitis Development in Defined Microbiota Mice. <i>Inflammatory Bowel Diseases</i> , 2016 , 22, 2571-2581	4.5	8
115	Concentrations of tylvalosin and 3-O-acetyltylosin attained in the synovial fluid of swine after administration by oral gavage at 50 and 500mg/kg. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2016 , 39, 621-624	1.4	3
114	Porcine epidemic diarrhea virus (PEDV) detection and antibody response in commercial growing pigs. <i>BMC Veterinary Research</i> , 2016 , 12, 99	2.7	36
113	Evaluation of Screening Assays for the Detection of Influenza A Virus Serum Antibodies in Swine. <i>Transboundary and Emerging Diseases</i> , 2016 , 63, 24-35	4.2	8
112	P-138 Helicobacter Bilis Infection Alters Mucosal Bacteria in Defined Microbiota Mice. <i>Inflammatory Bowel Diseases</i> , 2016 , 22, S52	4.5	
111	A zero-inflated Poisson model for insertion tolerance analysis of genes based on Tn-seq data. <i>Bioinformatics</i> , 2016 , 32, 1701-8	7.2	9
110	Characterization of Porcine Epidemic Diarrhea Virus Isolate US/Iowa/18984/2013 Infection in 1-Day-Old Cesarean-Derived Colostrum-Deprived Piglets. <i>Veterinary Pathology</i> , 2016 , 53, 44-52	2.8	39
109	Altered plasma pharmacokinetics of ceftiofur hydrochloride in cows affected with severe clinical mastitis. <i>Journal of Dairy Science</i> , 2016 , 99, 505-14	4	10
108	Alterations of the Ileal and Colonic Mucosal Microbiota in Canine Chronic Enteropathies. <i>PLoS ONE</i> , 2016 , 11, e0147321	3.7	27
107	Does Circulating Antibody Play a Role in the Protection of Piglets against Porcine Epidemic Diarrhea Virus?. <i>PLoS ONE</i> , 2016 , 11, e0153041	3.7	17
106	065 A study to examine the relationship between uterine pathology and depletion of oxytetracycline in plasma and milk after intrauterine infusion. <i>Journal of Animal Science</i> , 2016 , 94, 30-30 ^{0.7}		
105	Impact of carprofen administration on stress and nociception responses of calves to cauterly dehorning. <i>Journal of Animal Science</i> , 2016 , 94, 542-55	0.7	18
104	Influenza A Virus Surveillance Based on Pre-Weaning Piglet Oral Fluid Samples. <i>Transboundary and Emerging Diseases</i> , 2016 , 63, e328-38	4.2	16
103	Quantifying the effect of lactogenic antibody on porcine epidemic diarrhea virus infection in neonatal piglets. <i>Veterinary Microbiology</i> , 2016 , 197, 83-92	3.3	12
102	Diagnostic evaluation of assays for detection of antibodies against porcine epidemic diarrhea virus (PEDV) in pigs exposed to different PEDV strains. <i>Preventive Veterinary Medicine</i> , 2016 , 135, 87-94	3.1	11
101	Impact of oral meloxicam and long-distance transport on cell-mediated and humoral immune responses in feedlot steers receiving modified live BVDV booster vaccination on arrival. <i>Veterinary Immunology and Immunopathology</i> , 2016 , 175, 42-50	2	10
100	A mixed treatment meta-analysis of antibiotic treatment options for bovine respiratory disease - An update. <i>Preventive Veterinary Medicine</i> , 2016 , 132, 130-139	3.1	31

99	Pilot study measuring the effects of bandaging and cold compression therapy following tibial plateau levelling osteotomy. <i>Journal of Small Animal Practice</i> , 2016 , 57, 543-547	1.6	7
98	Evidence of Oxidative Injury in Pigs With Melanosis Coli. <i>Veterinary Pathology</i> , 2015 , 52, 663-7	2.8	5
97	Bacterial isolates, antimicrobial susceptibility patterns, and factors associated with infection and outcome in foals with septic arthritis: 83 cases (1998-2013). <i>Journal of the American Veterinary Medical Association</i> , 2015 , 246, 785-93	1	23
96	A Semi-parametric Bayesian Approach for Differential Expression Analysis of RNA-seq Data. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2015 , 20, 555-576	1.9	6
95	The effects of firocoxib on cautery disbudding pain and stress responses in preweaned dairy calves. <i>Journal of Dairy Science</i> , 2015 , 98, 6058-69	4	23
94	Quantitative real-time polymerase chain reaction for detecting <i>Mycoplasma hyosynoviae</i> and <i>Mycoplasma hyorhinis</i> in pen-based oral, tonsillar, and nasal fluids. <i>Journal of Veterinary Science</i> , 2015 , 16, 195-201	1.6	10
93	Impact of an experimental PRRSV and <i>Streptococcus suis</i> coinfection on the pharmacokinetics of ceftiofur hydrochloride after intramuscular injection in pigs. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2015 , 38, 475-81	1.4	13
92	Short-Term Omeprazole Use Does Not Affect Serum Calcium Concentrations and Bone Density in Horses. <i>Journal of Equine Veterinary Science</i> , 2015 , 35, 714-723	1.2	10
91	Development and validation of an endoscopic activity score for canine inflammatory bowel disease. <i>Veterinary Journal</i> , 2015 , 203, 290-5	2.5	25
90	Pain and sickness behavior associated with corneal lesions in dairy calves. <i>F1000Research</i> , 2015 , 4, 546	3.6	2
89	Design of a simplified histopathologic model for gastrointestinal inflammation in dogs. <i>Veterinary Pathology</i> , 2014 , 51, 946-50	2.8	34
88	Detection of antibodies against porcine epidemic diarrhea virus in serum and colostrum by indirect ELISA. <i>Veterinary Journal</i> , 2014 , 202, 33-6	2.5	61
87	Eliciting neutralizing antibodies with gp120 outer domain constructs based on M-group consensus sequence. <i>Virology</i> , 2014 , 462-463, 363-76	3.6	16
86	Pathogenesis of porcine epidemic diarrhea virus isolate (US/Iowa/18984/2013) in 3-week-old weaned pigs. <i>Veterinary Microbiology</i> , 2014 , 174, 60-8	3.3	120
85	Theoretical and experimental studies of the corrosion inhibition effect of nitrotetrazolium blue chloride on copper in 0.1 M H ₂ SO ₄ . <i>RSC Advances</i> , 2014 , 4, 40606-40616	3.7	31
84	Porcine reproductive and respiratory syndrome virus (PRRSV) surveillance using pre-weaning oral fluid samples detects circulation of wild-type PRRSV. <i>Veterinary Microbiology</i> , 2014 , 168, 331-9	3.3	30
83	Effect of recombinant bovine granulocyte colony-stimulating factor covalently bound to polyethylene glycol injection on neutrophil number and function in periparturient dairy cows. <i>Journal of Dairy Science</i> , 2014 , 97, 4842-51	4	45
82	Interobserver variability of radiographic pulmonary nodule diameter measurements in dogs and cats. <i>Journal of the American Animal Hospital Association</i> , 2014 , 50, 83-8	1.3	2

81	Are severely depressed suckling pigs resistant to gas euthanasia?. <i>Animal Welfare</i> , 2014 , 23, 145-155	2.9	6
80	Impact of oral meloxicam on circulating physiological biomarkers of stress and inflammation in beef steers after long-distance transportation. <i>Journal of Animal Science</i> , 2014 , 92, 498-510	0.7	46
79	Effects of flow rate and gas mixture on the welfare of weaned and neonate pigs during gas euthanasia. <i>Journal of Animal Science</i> , 2014 , 92, 793-805	0.7	17
78	Impact of oral meloxicam administered alone or in combination with gabapentin on experimentally induced lameness in beef calves. <i>Journal of Animal Science</i> , 2014 , 92, 816-29	0.7	27
77	Characterization of a reversible lameness model in the horse. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2014 , 27, 113-9	1.2	2
76	Investigation of the impact of increased dietary insoluble fiber through the feeding of distillers dried grains with solubles (DDGS) on the incidence and severity of Brachyspira-associated colitis in pigs. <i>PLoS ONE</i> , 2014 , 9, e114741	3.7	19
75	Evaluating approaches to measuring ocular pain in bovine calves with corneal scarification and infectious bovine keratoconjunctivitis-associated corneal ulcerations. <i>Journal of Animal Science</i> , 2014 , 92, 1161-72	0.7	16
74	Evaluation and use of a serological assay for the detection of antibodies to Lawsonia intracellularis in swinePeer review under responsibility of Faculty of Veterinary Medicine, Cairo University. View all notes. <i>International Journal of Veterinary Science and Medicine</i> , 2014 , 2, 109-113	3.4	3
73	Randomized clinical trial to evaluate the pathogenicity of Bibersteinia trehalosi in respiratory disease among calves. <i>BMC Veterinary Research</i> , 2014 , 10, 89	2.7	16
72	Effects of sample handling methods on substance P concentrations and immunoreactivity in bovine blood samples. <i>American Journal of Veterinary Research</i> , 2014 , 75, 109-16	1.1	11
71	Endoscopic assessment of the duodenum in dogs with inflammatory bowel disease. <i>Journal of Veterinary Internal Medicine</i> , 2014 , 28, 1442-6	3.1	13
70	Conducting systematic reviews of intervention questions III: Synthesizing data from intervention studies using meta-analysis. <i>Zoonoses and Public Health</i> , 2014 , 61 Suppl 1, 52-63	2.9	27
69	Detection of influenza A virus nucleoprotein antibodies in oral fluid specimens from pigs infected under experimental conditions using a blocking ELISA. <i>Transboundary and Emerging Diseases</i> , 2014 , 61, 177-84	4.2	17
68	Serum concentrations of haptoglobin and haptoglobin-matrix metalloproteinase 9 (Hp-MMP 9) complexes of bovine calves in a bacterial respiratory challenge model. <i>BMC Veterinary Research</i> , 2014 , 10, 285	2.7	14
67	Frequency of and risk factors associated with catastrophic musculoskeletal injuries in Quarter Horses at two Midwestern racetracks: 67 cases (2000-2011). <i>Journal of the American Veterinary Medical Association</i> , 2014 , 245, 1160-8	1	13
66	Associations between infectious bovine keratoconjunctivitis at weaning and ultrasonographically measured body composition traits in yearling cattle. <i>Journal of the American Veterinary Medical Association</i> , 2014 , 244, 100-6	1	14
65	Bcl-2/caspase 3 mucosal imbalance favors T cell resistance to apoptosis in dogs with inflammatory bowel disease. <i>Veterinary Immunology and Immunopathology</i> , 2014 , 158, 167-74	2	12
64	Impact of transmammary-delivered meloxicam on biomarkers of pain and distress in piglets after castration and tail docking. <i>PLoS ONE</i> , 2014 , 9, e113678	3.7	26

63	Efficacy of Vitamins B Supplementation on Mild Cognitive Impairment and Alzheimer's Disease: a Systematic Review and Meta-Analysis. <i>Current Alzheimer Research</i> , 2014 , 11, 1-1	3	2
62	Case-control study of microbiological etiology associated with calf diarrhea. <i>Veterinary Microbiology</i> , 2013 , 166, 375-85	3.3	91
61	Kinetics of the porcine reproductive and respiratory syndrome virus (PRRSV) humoral immune response in swine serum and oral fluids collected from individual boars. <i>BMC Veterinary Research</i> , 2013 , 9, 61	2.7	32
60	Kinematic activity of gray wolf (<i>Canis lupus</i>) sperm in different extenders, added before or after centrifugation. <i>Theriogenology</i> , 2013 , 79, 953-60	2.8	2
59	Comparative effects of castration and dehorning in series or concurrent castration and dehorning procedures on stress responses and production in Holstein calves. <i>Journal of Animal Science</i> , 2013 , 91, 4133-45	0.7	12
58	Probability of detecting influenza A virus subtypes H1N1 and H3N2 in individual pig nasal swabs and pen-based oral fluid specimens over time. <i>Veterinary Microbiology</i> , 2013 , 166, 450-60	3.3	30
57	Renal replacement therapy in healthy adult horses. <i>Journal of Veterinary Internal Medicine</i> , 2013 , 27, 308-16	3.1	9
56	Construction of disease risk scoring systems using logistic group lasso: application to porcine reproductive and respiratory syndrome survey data. <i>Journal of Applied Statistics</i> , 2013 , 40, 736-746	1	7
55	Detection of <i>Salmonella enteritidis</i> in pooled poultry environmental samples using a serotype-specific real-time-polymerase chain reaction assay. <i>Avian Diseases</i> , 2013 , 57, 22-8	1.6	6
54	A PCV2 vaccine based on genotype 2b is more effective than a 2a-based vaccine to protect against PCV2b or combined PCV2a/2b viremia in pigs with concurrent PCV2, PRRSV and PPV infection. <i>Vaccine</i> , 2013 , 31, 487-94	4.1	47
53	Single immunization with a suboptimal antigen dose encapsulated into polyanhydride microparticles promotes high titer and avid antibody responses. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013 , 101, 91-8	3.5	34
52	Kinetics of influenza A virus nucleoprotein antibody (IgM, IgA, and IgG) in serum and oral fluid specimens from pigs infected under experimental conditions. <i>Vaccine</i> , 2013 , 31, 6210-5	4.1	22
51	Effects of intravenous administration of polymyxin B in neonatal foals with experimental endotoxemia. <i>Journal of the American Veterinary Medical Association</i> , 2013 , 243, 874-81	1	13
50	Pressure algometry and thermal sensitivity for assessing pain sensitivity and effects of flunixin meglumine and sodium salicylate in a transient lameness model in sows. <i>Livestock Science</i> , 2013 , 157, 245-253	1.7	18
49	Effect of collection material and sample processing on pig oral fluid testing results. <i>Veterinary Journal</i> , 2013 , 198, 158-63	2.5	25
48	A mixed treatment comparison meta-analysis of antibiotic treatments for bovine respiratory disease. <i>Preventive Veterinary Medicine</i> , 2013 , 110, 77-87	3.1	36
47	Probability of detecting Porcine reproductive and respiratory syndrome virus infection using pen-based swine oral fluid specimens as a function of within-pen prevalence. <i>Journal of Veterinary Diagnostic Investigation</i> , 2013 , 25, 328-35	1.5	27
46	Comparison of commercial real-time reverse transcription-PCR assays for reliable, early, and rapid detection of heterologous strains of porcine reproductive and respiratory syndrome virus in experimentally infected or noninfected boars by use of different sample types. <i>Journal of Clinical Microbiology</i> , 2013 , 51, 547-56	9.7	22

45	Retrospective evaluation of facilitated pastern ankylosis using intra-articular ethanol injections: 34 cases (2006-2012). <i>Equine Veterinary Journal</i> , 2013 , 45, 442-7	2.4	10
44	Evaluation of biocompatibility and administration site reactogenicity of polyanhydride-particle-based platform for vaccine delivery. <i>Advanced Healthcare Materials</i> , 2013 , 2, 369-78	10.1	48
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1	Feature selection and causal analysis for microbiome studies in the presence of confounding using standardization		