

Sharif S Aly

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

1,586
citations

279798

23
h-index

377865

34
g-index

91
all docs

91
docs citations

91
times ranked

1380
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a novel clinical scoring system for on-farm diagnosis of bovine respiratory disease in pre-weaned dairy calves. PeerJ, 2014, 2, e238.	2.0	126
2	Susceptibility loci revealed for bovine respiratory disease complex in pre-weaned holstein calves. BMC Genomics, 2014, 15, 1164.	2.8	85
3	Determination of neonatal serum immunoglobulin G concentrations associated with mortality during the first 4 months of life in dairy heifer calves. Journal of Dairy Research, 2015, 82, 400-406.	1.4	49
4	Epidemiology of bovine respiratory disease (BRD) in preweaned calves on California dairies: The BRD 10K study. Journal of Dairy Science, 2019, 102, 7306-7319.	3.4	48
5	Blood calcium dynamics after prophylactic treatment of subclinical hypocalcemia with oral or intravenous calcium. Journal of Dairy Science, 2014, 97, 6901-6906.	3.4	45
6	Sensitivity and specificity of on-farm scoring systems and nasal culture to detect bovine respiratory disease complex in preweaned dairy calves. Journal of Veterinary Diagnostic Investigation, 2016, 28, 119-128.	1.1	45
7	Prewearing cost of bovine respiratory disease (BRD) and cost-benefit of implementation of preventative measures in calves on California dairies: The BRD 10K study. Journal of Dairy Science, 2020, 103, 1583-1597.	3.4	45
8	Randomized noninferiority clinical trial evaluating 3 commercial dry cow mastitis preparations: I. Quarter-level outcomes. Journal of Dairy Science, 2013, 96, 4419-4435.	3.4	43
9	Bovine respiratory disease (BRD) cause-specific and overall mortality in preweaned calves on California dairies: The BRD 10K study. Journal of Dairy Science, 2019, 102, 7320-7328.	3.4	43
10	Association between Mycobacterium avium subspecies paratuberculosis infection and milk production in two California dairies. Journal of Dairy Science, 2010, 93, 1030-1040.	3.4	39
11	Efficacy of spheroplastic and cell-wall competent vaccines for Mycobacterium avium subsp. paratuberculosis in experimentally-challenged baby goats. Veterinary Microbiology, 2007, 120, 261-283.	1.9	37
12	Regional management practices and prevalence of bovine respiratory disease in California's preweaned dairy calves. Journal of Dairy Science, 2019, 102, 7583-7596.	3.4	37
13	Multidrug residues and antimicrobial resistance patterns in waste milk from dairy farms in Central California. Journal of Dairy Science, 2018, 101, 8110-8122.	3.4	36
14	Agreement Among 4 Sampling Methods to Identify Respiratory Pathogens in Dairy Calves with Acute Bovine Respiratory Disease. Journal of Veterinary Internal Medicine, 2017, 31, 954-959.	1.6	35
15	Management factors associated with bovine respiratory disease in preweaned calves on California dairies: The BRD 100 study. Journal of Dairy Science, 2019, 102, 7288-7305.	3.4	35
16	Survey of management practices related to bovine respiratory disease in preweaned calves on California dairies. Journal of Dairy Science, 2016, 99, 1483-1494.	3.4	32
17	Molecular epidemiology of coagulase-negative <i>Staphylococcus</i> species isolated at different lactation stages from dairy cattle in the United States. PeerJ, 2019, 7, e6749.	2.0	32
18	Cost-effectiveness of diagnostic strategies to identify Mycobacterium avium subspecies paratuberculosis super-shedder cows in a large dairy herd using antibody enzyme-linked immunosorbent assays, quantitative real-time polymerase chain reaction, and bacterial culture. Journal of Veterinary Diagnostic Investigation, 2012, 24, 821-832.	1.1	30

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19	Evaluation of <i>Mycobacterium avium</i> subsp <i>paratuberculosis</i> infection of dairy cows attributable to infection status of the dam. <i>Journal of the American Veterinary Medical Association</i> , 2005, 227, 450-454.	0.5	29
20	Correlation between Herrold Egg Yolk Medium Culture and Real-Time Quantitative Polymerase Chain Reaction Results for <i>Mycobacterium Avium</i> Subspecies <i>Paratuberculosis</i> in Pooled Fecal and Environmental Samples. <i>Journal of Veterinary Diagnostic Investigation</i> , 2010, 22, 677-683.	1.1	28
21	Effectiveness of zinc supplementation on diarrhea and average daily gain in pre-weaned dairy calves: A double-blind, block-randomized, placebo-controlled clinical trial. <i>PLoS ONE</i> , 2019, 14, e0219321.	2.5	27
22	Cost-effectiveness of diagnostic strategies using quantitative real-time PCR and bacterial culture to identify contagious mastitis cases in large dairy herds. <i>Preventive Veterinary Medicine</i> , 2014, 113, 522-535.	1.9	26
23	Effect of the environment on the risk of respiratory disease in preweaning dairy calves during summer months. <i>Journal of Dairy Science</i> , 2018, 101, 10230-10247.	3.4	26
24	Development of a clinical scoring system for bovine respiratory disease in weaned dairy calves. <i>Journal of Dairy Science</i> , 2019, 102, 7329-7344.	3.4	25
25	Effects of mannan-oligosaccharide and <i>Bacillus subtilis</i> supplementation to preweaning Holstein dairy heifers on body weight gain, diarrhea, and shedding of fecal pathogens. <i>Journal of Dairy Science</i> , 2021, 104, 4290-4302.	3.4	24
26	Modeling highly pathogenic avian influenza transmission in wild birds and poultry in West Bengal, India. <i>Scientific Reports</i> , 2013, 3, 2175.	3.3	23
27	Reliability of environmental sampling to quantify <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> on California free-stall dairies. <i>Journal of Dairy Science</i> , 2009, 92, 3634-3642.	3.4	22
28	A double-blind block randomized clinical trial on the effect of zinc as a treatment for diarrhea in neonatal Holstein calves under natural challenge conditions. <i>Preventive Veterinary Medicine</i> , 2013, 112, 338-347.	1.9	22
29	Agreement between bovine respiratory disease scoring systems for pre-weaned dairy calves. <i>Animal Health Research Reviews</i> , 2014, 15, 148-150.	3.1	21
30	Effect of Three Colostrum Diets on Passive Transfer of Immunity and Preweaning Health in Calves on a California Dairy following Colostrum Management Training. <i>Veterinary Medicine International</i> , 2014, 2014, 1-9.	1.5	21
31	Association of plasma haptoglobin concentration and other biomarkers with bovine respiratory disease status in pre-weaned dairy calves. <i>Journal of Veterinary Diagnostic Investigation</i> , 2019, 31, 40-46.	1.1	21
32	Synergistic Effects of Lactic Acid and Sodium Dodecyl Sulfate to Decontaminate <i>Escherichia coli</i> O157:H7 on Cattle Hide Sections. <i>Foodborne Pathogens and Disease</i> , 2013, 10, 661-663.	1.8	20
33	Stochastic model of porcine reproductive and respiratory syndrome virus control strategies on a swine farm in the United States. <i>American Journal of Veterinary Research</i> , 2014, 75, 260-267.	0.6	20
34	Whole-Genome Sequencing and Concordance Between Antimicrobial Susceptibility Genotypes and Phenotypes of Bacterial Isolates Associated with Bovine Respiratory Disease. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 3059-3071.	1.8	19
35	Association between caudal fold tuberculin test responses and results of an ELISA for <i>Mycobacterium avium</i> subsp <i>paratuberculosis</i> and mycobacterial culture of feces in tuberculosis-free dairy herds. <i>Journal of the American Veterinary Medical Association</i> , 2014, 244, 582-587.	0.5	17
36	Reliability of environmental sampling culture results using the negative binomial intraclass correlation coefficient. <i>SpringerPlus</i> , 2014, 3, 40.	1.2	17

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37	Epidemiology of <i>Salmonella</i> sp. in California cull dairy cattle: prevalence of fecal shedding and diagnostic accuracy of pooled enriched broth culture of fecal samples. PeerJ, 2016, 4, e2386.	2.0	17
38	Prevalence and Level of Enterohemorrhagic Escherichia coli in Culled Dairy Cows at Harvest. Journal of Food Protection, 2016, 79, 421-431.	1.7	17
39	Variation in nutrients formulated and nutrients supplied on 5 California dairies. Journal of Dairy Science, 2013, 96, 7371-7381.	3.4	16
40	Survey on Antimicrobial Drug Use Practices in California Preweaned Dairy Calves. Frontiers in Veterinary Science, 2021, 8, 636670.	2.2	14
41	A novel risk assessment tool for bovine respiratory disease in preweaned dairy calves. Journal of Dairy Science, 2020, 103, 9301-9317.	3.4	14
42	Development and comparison of loop-mediated isothermal amplification and quantitative polymerase chain reaction assays for the detection of Mycoplasma bovis in milk. Journal of Dairy Science, 2019, 102, 1985-1996.	3.4	13
43	A nested compartmental model to assess the efficacy of paratuberculosis control measures on U.S. dairy farms. PLoS ONE, 2018, 13, e0203190.	2.5	12
44	Association between herd management practices and antimicrobial resistance in Salmonella spp. from cull dairy cattle in Central California. PeerJ, 2019, 7, e6546.	2.0	12
45	Jejunal hematoma in cattle. Journal of Veterinary Diagnostic Investigation, 2014, 26, 96-103.	1.1	11
46	Epidemiology of antimicrobial resistance (AMR) on California dairies: descriptive and cluster analyses of AMR phenotype of fecal commensal bacteria isolated from adult cows. PeerJ, 2021, 9, e11108.	2.0	11
47	Degradation of antibiotic resistance genes and mobile gene elements in dairy manure anaerobic digestion. PLoS ONE, 2021, 16, e0254836.	2.5	11
48	Efficacy of feeding a lacteal-derived colostrum replacer or pooled maternal colostrum with a low IgG concentration for prevention of failure of passive transfer in dairy calves. Journal of the American Veterinary Medical Association, 2013, 243, 277-282.	0.5	10
49	Phenotypic Antimicrobial Resistance Profiles of E. coli and Enterococcus from Dairy Cattle in Different Management Units on a Central California Dairy. Clinical Microbiology (Los Angeles, Calif), 2018, 07, .	0.2	10
50	Risk factors affecting dairy cattle protective grouping behavior, commonly known as bunching, against Stomoxys calcitrans (L.) on California dairies. PLoS ONE, 2019, 14, e0224987.	2.5	10
51	Survey of Beef Quality Assurance on California dairies. Journal of Dairy Science, 2014, 97, 1348-1357.	3.4	9
52	2019 Survey of Antimicrobial Drug Use and Stewardship Practices in Adult Cows on California Dairies: Post Senate Bill 27. Microorganisms, 2021, 9, 1507.	3.6	9
53	Antibiotic Resistance Genes and Associated Phenotypes in Escherichia coli and Enterococcus from Cattle at Different Production Stages on a Dairy Farm in Central California. Antibiotics, 2021, 10, 1042.	3.7	9
54	A randomized controlled trial on preweaning morbidity, growth and mortality in Holstein heifers fed a lacteal-derived colostrum replacer or pooled maternal colostrum. BMC Veterinary Research, 2013, 9, 168.	1.9	8

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55	Results of the BRD CAP project: progress toward identifying genetic markers associated with BRD susceptibility. <i>Animal Health Research Reviews</i> , 2014, 15, 157-160.	3.1	8
56	Characterization and Growth under Different Storage Temperatures of Ropy Slime-Producing <i>Leuconostoc mesenteroides</i> Isolated from Cooked Meat Products. <i>Journal of Food Protection</i> , 2020, 83, 1043-1049.	1.7	8
57	Etiology and risk factors for bovine respiratory disease in pre-weaned calves on California dairies and calf ranches. <i>Preventive Veterinary Medicine</i> , 2021, 197, 105506.	1.9	8
58	Off-site rearing of heifers reduces the risk of <i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i> ELISA seroconversion and fecal shedding in a California dairy herd. <i>Journal of Dairy Science</i> , 2015, 98, 1805-1814.	3.4	7
59	Dynamic changes in fecal bacterial microbiota of dairy cattle across the production line. <i>BMC Microbiology</i> , 2022, 22, 132.	3.3	7
60	Stable fly activity is associated with dairy management practices and seasonal weather conditions. <i>PLoS ONE</i> , 2021, 16, e0253946.	2.5	6
61	2018 Survey of factors associated with antimicrobial drug use and stewardship practices in adult cows on conventional California dairies: immediate post-Senate Bill 27 impact. <i>PeerJ</i> , 2021, 9, e11596.	2.0	6
62	Bayesian estimation of sensitivity and specificity of a rapid mastitis test kit, bacterial culture, and PCR for detection of <i>Staphylococcus aureus</i> , <i>Streptococcus</i> species, and coliforms in bovine milk samples. <i>Journal of Dairy Science</i> , 2022, 105, 6240-6250.	3.4	6
63	Effectiveness of Intramammary Antibiotics, Internal Teat Sealants, or Both at Dry-Off in Dairy Cows: Clinical Mastitis and Culling Outcomes. <i>Antibiotics</i> , 2022, 11, 954.	3.7	6
64	Randomized noninferiority clinical trial evaluating 3 commercial dry cow mastitis preparations: II. Cow health and performance in early lactation. <i>Journal of Dairy Science</i> , 2013, 96, 6390-6399.	3.4	5
65	Investigation of <i>Anaplasma marginale</i> Seroprevalence in a Traditionally Managed Large California Beef Herd. <i>Veterinary Medicine International</i> , 2016, 2016, 1-7.	1.5	5
66	Evaluation of Heat and pH Treatments on Degradation of Ceftiofur in Whole Milk. <i>Frontiers in Veterinary Science</i> , 2020, 7, 288.	2.2	5
67	Effect of Antimicrobial Treatment on the Dynamics of Ceftiofur Resistance in Enterobacteriaceae from Adult California Dairy Cows. <i>Microorganisms</i> , 2021, 9, 828.	3.6	5
68	2018 Survey of antimicrobial drug use and stewardship practices in adult cows on California dairies: post-Senate Bill 27. <i>PeerJ</i> , 2021, 9, e11515.	2.0	5
69	Comparison between low-dose, high-sort and high-dose, low-sort semen on conception and calf sex ratio in Jersey heifers and cows. <i>Journal of Dairy Science</i> , 2014, 97, 1782-1789.	3.4	4
70	Bayesian estimation of diagnostic accuracy of fecal culture and PCR-based tests for the detection of <i>Salmonella enterica</i> in California cull dairy cattle. <i>PeerJ</i> , 2020, 8, e8310.	2.0	4
71	Factors Associated with Antimicrobial Stewardship Practices on California Dairies: One Year Post Senate Bill 27. <i>Antibiotics</i> , 2022, 11, 165.	3.7	4
72	Evaluation of four commercial tests for detecting ceftiofur in waste milk bulk tank samples. <i>PLoS ONE</i> , 2019, 14, e0224884.	2.5	3

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73	Components of a risk assessment tool for prevention and control of bovine respiratory disease in preweaned dairy calves. <i>Animal Health Research Reviews</i> , 2020, 21, 153-159.	3.1	3
74	In-vitro antibiotic resistance phenotypes of respiratory and enteric bacterial isolates from weaned dairy heifers in California. <i>PLoS ONE</i> , 2021, 16, e0260292.	2.5	3
75	Cecal infarction in neonatal calves. <i>Journal of Veterinary Diagnostic Investigation</i> , 2017, 29, 242-244.	1.1	2
76	Dairy management practices associated with multi-drug resistant fecal commensals and <i>Salmonella</i> in cull cows: a machine learning approach. <i>PeerJ</i> , 2021, 9, e11732.	2.0	2
77	Development of a multiplex qPCR assay for the simultaneous detection of <i>Mycoplasma bovis</i> , <i>Mycoplasma</i> species, and <i>Acholeplasma laidlawii</i> in milk. <i>PeerJ</i> , 2021, 9, e11881.	2.0	2
78	Environmental sampling to assess the bioburden of <i>Mycobacterium avium</i> subspecies paratuberculosis in drylot pens on California dairies. <i>PeerJ</i> , 2019, 7, e8081.	2.0	2
79	Estimating the Rates of Acquisition and loss of Resistance of Enterobacteriaceae to Antimicrobial Drugs in Pre-Weaned Dairy Calves. <i>Microorganisms</i> , 2021, 9, 2103.	3.6	2
80	Quantification of antibiotic resistance genes and mobile genetic in dairy manure. <i>PeerJ</i> , 2021, 9, e12408.	2.0	2
81	Effectiveness of control and preventive measures influenced by pathogen trait evolution: Example of <i>Escherichia coli</i> O157:H7. <i>Journal of Computational and Applied Mathematics</i> , 2019, 362, 366-382.	2.0	1
82	Effect of continued metabolic acidification into the first 3 days of lactation on blood calcium status in postpartum dairy cattle: A randomized controlled trial. <i>Journal of Dairy Science</i> , 2020, 103, 11762-11768.	3.4	1
83	Preventing bacterial diseases in dairy cattle. <i>Burleigh Dodds Series in Agricultural Science</i> , 2021, , 395-456.	0.2	0
84	Spatio-temporal analysis of coinfection using wavefronts of <i>Escherichia coli</i> O157: H7 in a dairy cattle farm. <i>Journal of Computational and Applied Mathematics</i> , 2021, 406, 113936.	2.0	0
85	Evaluation of four commercial tests for detecting ceftiofur in waste milk bulk tank samples. , 2019, 14, e0224884.		0
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87	Evaluation of four commercial tests for detecting ceftiofur in waste milk bulk tank samples. , 2019, 14, e0224884.		0
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