

Jeffrey Lakritz

List of Publications by Year in descending order

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112
papers

2,250
citations

236925

25
h-index

276875

41
g-index

119
all docs

119
docs citations

119
times ranked

2215
citing authors

#	ARTICLE	IF	CITATIONS
1	Validated High-Performance Liquid Chromatography-Electrochemical Method for Determination of Glutathione and Glutathione Disulfide in Small Tissue Samples. <i>Analytical Biochemistry</i> , 1997, 247, 63-68.	2.4	157
2	Leukotoxin-Diol. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001, 25, 434-438.	2.9	96
3	Experimental infection of nude mice as a model for <i>Sarcocystis neurona</i> -associated encephalitis. <i>Parasitology Research</i> , 1997, 83, 706-711.	1.6	91
4	Measurement and prediction of enteric methane emission. <i>International Journal of Biometeorology</i> , 2011, 55, 1-16.	3.0	85
5	Quantitative profiling of tissue- and gender-related expression of glutathione S-transferase isoenzymes in the mouse. <i>Biochemical Journal</i> , 1997, 325, 207-216.	3.7	73
6	Characteristics of dairy calf ranches: Morbidity, mortality, antibiotic use practices, and biosecurity and biocontainment practices. <i>Journal of Dairy Science</i> , 2012, 95, 2204-2214.	3.4	68
7	Effect of <i>Mannheimia haemolytica</i> pneumonia on behavior and physiologic responses of calves during high ambient environmental temperatures ¹ . <i>Journal of Animal Science</i> , 2013, 91, 3917-3929.	0.5	66
8	Impact of oral meloxicam on circulating physiological biomarkers of stress and inflammation in beef steers after long-distance transportation ¹ . <i>Journal of Animal Science</i> , 2014, 92, 498-510.	0.5	63
9	Bronchointerstitial Pneumonia and Respiratory Distress in Young Horses: Clinical, Clinicopathologic, Radiographic, and Pathological Findings in 23 Cases (1984-1989). <i>Journal of Veterinary Internal Medicine</i> , 1993, 7, 277-288.	1.6	61
10	Assessment of daily activity patterns and biomarkers of pain, inflammation, and stress in lactating dairy cows diagnosed with clinical metritis. <i>Journal of Dairy Science</i> , 2018, 101, 8248-8258.	3.4	58
11	Seroprevalence of <i>Neospora</i> , <i>Toxoplasma gondii</i> and <i>Sarcocystis neurona</i> antibodies in horses from Jeju island, South Korea. <i>Veterinary Parasitology</i> , 2002, 106, 193-201.	1.8	54
12	Understanding antimicrobial stewardship: Disease severity treatment thresholds and antimicrobial alternatives among organic and conventional calf producers. <i>Preventive Veterinary Medicine</i> , 2016, 130, 77-85.	1.9	50
13	Correlation of Serum Cardiac Troponin I and Myocardial Damage in Cattle with Monensin Toxicosis. <i>Journal of Veterinary Internal Medicine</i> , 2009, 23, 1108-1116.	1.6	41
14	Evaluation of a commercially available immunoassay for assessing adequacy of passive transfer in calves. <i>Journal of the American Veterinary Medical Association</i> , 2002, 220, 791-793.	0.5	38
15	Pharmacokinetics of midazolam after intravenous administration to horses. <i>Equine Veterinary Journal</i> , 2013, 45, 721-725.	1.7	36
16	Anti-protozoal efficacy of medicinal herb extracts against <i>Toxoplasma gondii</i> and <i>Neospora caninum</i> . <i>Veterinary Parasitology</i> , 2003, 116, 7-14.	1.8	35
17	Whole-blood concentrations of glutathione in cattle exposed to heat stress or a combination of heat stress and endophyte-infected tall fescue toxins in controlled environmental conditions. <i>American Journal of Veterinary Research</i> , 2002, 63, 799-803.	0.6	33
18	Iron robbery by intracellular pathogen via bacterial effector-induced ferritinophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	33

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19	Correlation of helical and incremental high-resolution thin-section computed tomographic imaging with histomorphometric quantitative evaluation of lungs in dogs. <i>American Journal of Veterinary Research</i> , 2003, 64, 935-944.	0.6	30
20	Effect of prepartum intramammary treatment with pirlimycin hydrochloride on prevalence of early first-lactation mastitis in dairy heifers. <i>Journal of the American Veterinary Medical Association</i> , 2005, 227, 1969-1974.	0.5	30
21	Association of milk yield and infection status at dry-off with intramammary infections at subsequent calving. <i>Journal of Dairy Research</i> , 2010, 77, 99-106.	1.4	30
22	Anti-protozoal efficacy of high performance liquid chromatography fractions of <i>Torilis japonica</i> and <i>Sophora flavescens</i> extracts on <i>Neospora caninum</i> and <i>Toxoplasma gondii</i> . <i>Veterinary Parasitology</i> , 2004, 125, 409-414.	1.8	29
23	Acute Renal Failure and Anuria Associated with Vitamin D Intoxication in Two Alpaca (<i>Vicugna</i>) Tj ETQq1 1 0.784314 rgBT/Overload	1.6	28
24	Validation of a Commercially Available Immunoassay for the Measurement of Bovine Cardiac Troponin I. <i>Journal of Veterinary Internal Medicine</i> , 2009, 23, 359-365.	1.6	27
25	Experimental inoculation of domestic cats (<i>Felis domesticus</i>) with <i>Sarcocystis neurona</i> or <i>S. neurona</i> -like merozoites. <i>Veterinary Parasitology</i> , 2002, 107, 1-14.	1.8	26
26	Comparison of proteome and antigenic proteome between two <i>Neospora caninum</i> isolates. <i>Veterinary Parasitology</i> , 2005, 134, 41-52.	1.8	26
27	Potential roles of nitrate and live yeast culture in suppressing methane emission and influencing ruminal fermentation, digestibility, and milk production in lactating Jersey cows. <i>Journal of Dairy Science</i> , 2019, 102, 6144-6156.	3.4	26
28	Pharmacokinetics of erythromycin estolate and erythromycin phosphate after intragastric administration to healthy foals. <i>American Journal of Veterinary Research</i> , 2000, 61, 914-919.	0.6	25
29	Effects of prior feeding on pharmacokinetics and estimated bioavailability after oral administration of a single dose of microencapsulated erythromycin base in healthy foals. <i>American Journal of Veterinary Research</i> , 2000, 61, 1011-1015.	0.6	25
30	Pulmonary Neoplasia in Two Llamas (<i>Lama glama</i>). <i>Veterinary Pathology</i> , 2004, 41, 520-523.	1.7	25
31	Radiographic and microscopic correlation of diffuse interstitial and bronchointerstitial pulmonary patterns in the caudodorsal lung of adult Thoroughbred horses in race training. <i>Equine Veterinary Journal</i> , 1993, 25, 293-298.	1.7	23
32	Effects of pasteurization of colostrum on subsequent serum lactoferrin concentration and neutrophil superoxide production in calves. <i>American Journal of Veterinary Research</i> , 2000, 61, 1021-1025.	0.6	22
33	Serum haptoglobin-matrix metalloproteinase 9 (Hp-MMP 9) complex as a biomarker of systemic inflammation in cattle. <i>Veterinary Immunology and Immunopathology</i> , 2011, 139, 41-49.	1.2	22
34	Serum immunoglobulin G concentrations in calves fed fresh and frozen colostrum. <i>Journal of the American Veterinary Medical Association</i> , 2001, 219, 357-359.	0.5	21
35	Hepatic and pulmonary enzyme activities in horses. <i>American Journal of Veterinary Research</i> , 2000, 61, 152-157.	0.6	20
36	Factors modulating the epithelial response to toxicants in tracheobronchial airways. <i>Toxicology</i> , 2001, 160, 173-180.	4.2	20

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37	Characterization of monoclonal antibodies developed against <i>Sarcocystis neurona</i> . <i>Parasitology Research</i> , 2002, 88, 501-506.	1.6	20
38	Lactoferrin concentrations in bovine milk prior to dry-off. <i>Journal of Dairy Research</i> , 2009, 76, 426-432.	1.4	20
39	Pharmacokinetics of florfenicol after intravenous and intramuscular dosing in llamas. <i>Research in Veterinary Science</i> , 2013, 95, 594-599.	1.9	20
40	Evaluation of regional limb perfusion with erythromycin using the saphenous, cephalic, or palmar digital veins in standing horses. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2013, 36, 434-440.	1.3	19
41	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.	1.9	19
42	Pharmacokinetics and pharmacodynamics of the glucagon-like peptide-1 analog liraglutide in healthy cats. <i>Domestic Animal Endocrinology</i> , 2015, 51, 114-121.	1.6	19
43	Lactoferrin reduces mortality in preweaned calves with diarrhea. <i>Journal of Dairy Science</i> , 2017, 100, 3940-3948.	3.4	18
44	Pharmacokinetics and pharmacodynamic effects of oral transmucosal and intravenous administration of dexmedetomidine in dogs. <i>American Journal of Veterinary Research</i> , 2019, 80, 969-975.	0.6	18
45	An intracellular nanobody targeting T4SS effector inhibits <i>Ehrlichia</i> infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	18
46	Effect of pasteurization at 76 and 63 °C on the absorption of colostral IgG in calves. <i>Journal of Dairy Research</i> , 2000, 67, 619-623.	1.4	17
47	Sensitivity and specificity of serum copper determination for detection of copper deficiency in feeder calves. <i>Journal of the American Veterinary Medical Association</i> , 2001, 218, 756-760.	0.5	16
48	Cardiac Troponin I in Calves with Congenital Heart Disease. <i>Journal of Veterinary Internal Medicine</i> , 2012, 26, 1056-1060.	1.6	16
49	Characterization of gelatinases in bronchoalveolar lavage fluid and gelatinases produced by alveolar macrophages isolated from healthy calves. <i>American Journal of Veterinary Research</i> , 2004, 65, 163-172.	0.6	15
50	Hematuria and transitional cell papilloma of the renal pelvis treated via unilateral nephrectomy in an alpaca. <i>Journal of the American Veterinary Medical Association</i> , 2008, 232, 1206-1209.	0.5	15
51	Biochemical and enzymatic characterization of purified covalent complexes of matrix metalloproteinase-9 and haptoglobin released by bovine granulocytes in vitro. <i>American Journal of Veterinary Research</i> , 2007, 68, 995-1004.	0.6	14
52	Pharmacokinetics and pharmacodynamics of midazolam after intravenous and intramuscular administration in alpacas. <i>American Journal of Veterinary Research</i> , 2013, 74, 294-299.	0.6	14
53	Cerebral oedema and cerebellar herniation in four equine neonates. <i>Equine Veterinary Journal</i> , 1992, 24, 63-66.	1.7	13
54	Effects of Supplemental Lactoferrin on Serum Lactoferrin and IgG Concentrations and Neutrophil Oxidative Metabolism in Holstein Calves. <i>Journal of Veterinary Internal Medicine</i> , 2004, 18, 104-108.	1.6	13

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55	Assessment of a commercially available point-of-care assay for the measurement of bovine cardiac troponin I concentration. <i>American Journal of Veterinary Research</i> , 2013, 74, 870-873.	0.6	13
56	Pharmacokinetics of cephradine in neonatal foals after single oral dosing. <i>Equine Veterinary Journal</i> , 1992, 24, 242-243.	1.7	12
57	Pharmacokinetics and bioavailability of trimethoprim-sulfamethoxazole in alpacas. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2002, 25, 321-327.	1.3	12
58	Associations of various physical and blood analysis variables with experimentally induced <i>Mycoplasma bovis</i> pneumonia in calves. <i>American Journal of Veterinary Research</i> , 2014, 75, 200-207.	0.6	12
59	In vitro quantitative analysis of 3H-uracil incorporation by <i>Sarcocystis neurona</i> to determine efficacy of anti-protozoal agents. <i>Veterinary Parasitology</i> , 2001, 95, 241-249.	1.8	11
60	Characterization of the contributions of Hp-MMP 9 to the serum acute phase protein response of lipopolysaccharide challenged calves. <i>BMC Veterinary Research</i> , 2014, 10, 261.	1.9	11
61	Pharmacokinetics and pharmacodynamics of buprenorphine and sustained-release buprenorphine after administration to adult alpacas. <i>American Journal of Veterinary Research</i> , 2017, 78, 321-329.	0.6	11
62	Safety and serologic response to a <i>Haemonchus contortus</i> vaccine in alpacas. <i>Veterinary Parasitology</i> , 2018, 252, 180-186.	1.8	11
63	Pharmacokinetics and pharmacodynamics of intranasal and intravenous naloxone hydrochloride administration in healthy dogs. <i>American Journal of Veterinary Research</i> , 2019, 80, 696-701.	0.6	11
64	Cervical and Thoracic Vertebral Malformation (‘‘Weak Neck’’) in Colombia Lambs. <i>Journal of Veterinary Internal Medicine</i> , 1995, 9, 393-398.	1.6	10
65	Analysis of Trace and Major Elements in Bronchoalveolar Lavage Fluid of <i>Mycoplasma</i> Bronchopneumonia in Calves. <i>Biological Trace Element Research</i> , 2012, 145, 166-171.	3.5	10
66	Effect of Intravenous Administration of Cobalt Chloride to Horses on Clinical and Hemodynamic Variables. <i>Journal of Veterinary Internal Medicine</i> , 2018, 32, 441-449.	1.6	10
67	Quantification of individual glutathione S-transferase isozymes in hepatic and pulmonary tissues of naphthalene-tolerant mice. <i>Archives of Toxicology</i> , 2000, 74, 215-221.	4.2	9
68	Serum lactoferrin concentrations in colostrum-fed calves. <i>American Journal of Veterinary Research</i> , 2002, 63, 476-478.	0.6	9
69	Global Climate Change: Enteric Methane Reduction Strategies in Livestock. , 2012, , 469-499.		9
70	Pharmacokinetics of ampicillin-sulbactam in serum and synovial fluid samples following regional intravenous perfusion in the distal portion of a hind limb of adult cattle. <i>American Journal of Veterinary Research</i> , 2017, 78, 1372-1379.	0.6	9
71	Short communication: Assessment of biomarkers of inflammation in the vaginal discharge of postpartum dairy cows diagnosed with clinical metritis. <i>Journal of Dairy Science</i> , 2019, 102, 7469-7475.	3.4	9
72	Fluoroquinolone levels in healthy dog urine following a 20 mg/kg oral dose of enrofloxacin exceed mutant prevention concentration targets against <i>Escherichia coli</i> isolated from canine urinary tract infections. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2014, 37, 201-204.	1.3	8

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73	Elimination kinetics of chlorhexidine in milk following intramammary infusion to stop lactation in mastitic mammary gland quarters of cows. <i>Journal of the American Veterinary Medical Association</i> , 2003, 222, 1746-1749.	0.5	7
74	Correlation of helical and incremental high-resolution thin-section computed tomographic and histomorphometric quantitative evaluation of an acute inflammatory response of lungs in dogs. <i>American Journal of Veterinary Research</i> , 2004, 65, 1114-1123.	0.6	7
75	In vitro effects of lactoferrin on lipopolysaccharide-induced proliferation, gene expression, and prostanoid production by bovine peripheral blood mononuclear cells. <i>American Journal of Veterinary Research</i> , 2008, 69, 1164-1170.	0.6	7
76	Vertical transmission of <i>Mycoplasma haemolamae</i> in alpacas (<i>Vicugna pacos</i>). <i>Small Ruminant Research</i> , 2012, 106, 181-188.	1.2	7
77	Evaluation of a portable test system for assessing endotoxin activity in raw milk. <i>Journal of Veterinary Medical Science</i> , 2016, 78, 49-53.	0.9	7
78	Pharmacokinetics of intravenous and transdermal fentanyl in alpacas. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2017, 40, 663-669.	1.3	7
79	Effects of postpartum acetylsalicylic acid on metabolic status, health, and production in lactating dairy cattle. <i>Journal of Dairy Science</i> , 2020, 103, 8443-8452.	3.4	7
80	Serum Immunoglobulin G Concentrations in Calves Fed Fresh Colostrum or a Colostrum Supplement. <i>Journal of Veterinary Internal Medicine</i> , 2002, 16, 187.	1.6	7
81	Radio-Telemetric Assessment of Cardiac Variables and Locomotion With Experimentally Induced Hypermagnesemia in Horses Using Chronically Implanted Catheters. <i>Frontiers in Veterinary Science</i> , 2019, 6, 414.	2.2	6
82	Analgesic efficacy of an intravenous constant rate infusion of a morphine-lidocaine-ketamine combination in Holstein calves undergoing umbilical herniorrhaphy. <i>American Journal of Veterinary Research</i> , 2020, 81, 25-32.	0.6	5
83	Pharmacokinetics of magnesium and its effects on clinical variables following experimentally induced hypermagnesemia. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2020, 43, 577-590.	1.3	5
84	Pharmacokinetics of an intravenous constant rate infusion of a morphine-lidocaine-ketamine combination in Holstein calves undergoing umbilical herniorrhaphy. <i>American Journal of Veterinary Research</i> , 2020, 81, 17-24.	0.6	5
85	Effects of prepartum vaccination timing relative to pen change with an acidogenic diet on serum and colostrum immunoglobulins in Holstein dairy cows. <i>Journal of Dairy Science</i> , 2021, 104, 11072-11081.	3.4	5
86	Ultrastructural morphometric characterization of alveolar type II cells of perinatal sheep: a comparison with adults. <i>Anatomy and Embryology</i> , 1992, 186, 355-62.	1.5	4
87	The identification of a sequence related to apicomplexan enolase from <i>Sarcocystis neurona</i> . <i>Parasitology Research</i> , 2004, 94, 354-360.	1.6	4
88	Pharmacokinetics of intravenously administered caffeine in healthy alpacas (<i>Lama pacos</i>) and llamas (<i>Lama glama</i>). <i>American Journal of Veterinary Research</i> , 2006, 67, 1063-1069.	0.6	4
89	Pharmacokinetics and pharmacodynamics after oral administration of tapentadol hydrochloride in dogs. <i>American Journal of Veterinary Research</i> , 2018, 79, 367-375.	0.6	4
90	Effects of Supplemental Lactoferrin on Serum Lactoferrin and IgG Concentrations and Neutrophil Oxidative Metabolism in Holstein Calves. <i>Journal of Veterinary Internal Medicine</i> , 2004, 18, 104.	1.6	4

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91	Kinetics of inhibition of purified bovine neutrophil matrix metalloproteinase 9 by low-molecular-weight inhibitors. <i>American Journal of Veterinary Research</i> , 2009, 70, 633-639.	0.6	3
92	Detecting endotoxin activity in bovine serum using an automated testing system. <i>Journal of Veterinary Medical Science</i> , 2015, 77, 977-979.	0.9	3
93	Plasma concentrations of fenbendazole (FBZ) and oxfendazole in alpacas (<i>Lama pacos</i>) after single intravenous and oral dosing of FBZ. <i>Veterinary Medicine: Research and Reports</i> , 2015, 6, 71.	0.6	3
94	Effect of oral administration of meloxicam prior to transport on inflammatory mediators and leukocyte function of cattle at feedlot arrival. <i>American Journal of Veterinary Research</i> , 2017, 78, 1426-1436.	0.6	3
95	Plasma amino acid status is useful for understanding intestinal mucosal damage in calves with cryptosporidiosis. <i>Amino Acids</i> , 2020, 52, 1459-1464.	2.7	3
96	Complications and outcomes of swine that underwent cesarean section for resolution of dystocia: 110 cases (2013-2018). <i>Veterinary Surgery</i> , 2021, 50, 38-43.	1.0	3
97	Tilmicosin reduces lipopolysaccharide-stimulated bovine alveolar macrophage prostaglandin E(2) production via a mechanism involving phospholipases. <i>Veterinary Therapeutics: Research in Applied Veterinary Medicine</i> , 2002, 3, 7-21.	0.3	3
98	Effect of timing of prepartum vaccination relative to pen change with an acidogenic diet on lying time and metabolic profile in Holstein dairy cows. <i>Journal of Dairy Science</i> , 2021, 104, 11059-11071.	3.4	2
99	ANTIGENIC EVALUATION OF A RECOMBINANT BACULOVIRUS-EXPRESSED SARCOCYSTIS NEURONA SAG1 ANTIGEN. <i>Journal of Parasitology</i> , 2004, 90, 1027-1033.	0.7	1
100	Profiles of serum amino acids to screen for catabolic and inflammation status in calves with <i>Mycoplasma</i> bronchopneumonia. <i>Journal of Veterinary Medical Science</i> , 2015, 77, 67-73.	0.9	1
101	Absorption and disposition of florfenicol after intravenous, intramuscular and subcutaneous dosing in alpacas. <i>Research in Veterinary Science</i> , 2015, 99, 199-203.	1.9	1
102	Embryo production by superovulation and dual siring in alpacas (<i>Vicugna pacos</i>). <i>Small Ruminant Research</i> , 2018, 162, 63-68.	1.2	1
103	Fetlock arthrodesis using DCP internal fixation in a Bactrian camel (<i>Camelus bactrianus</i>) for treatment of metacarpophalangeal joint hyperextension. <i>Veterinary Record Case Reports</i> , 2019, 7, e000661.	0.2	1
104	Sequential changes in hepatic mRNA abundance and serum concentration of serum amyloid A in cattle with acute inflammation caused by endotoxin. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 1006-1011.	0.9	1
105	Disorders of the Upper Respiratory Tract in Food Animals. , 2009, , 199-207.		1
106	Effectiveness of tapentadol hydrochloride for treatment of orthopedic pain in dogs: A pilot study. <i>Canadian Veterinary Journal</i> , 2020, 61, 289-293.	0.0	1
107	Investigation of a novel prosthesis technique for extracapsular stabilization of cranial cruciate ligament-deficient stifle joints in adult cattle. <i>American Journal of Veterinary Research</i> , 2019, 80, 779-786.	0.6	0
108	Plasma histidine concentrations as a specific biomarker for intestinal mucosal damage in calves with cryptosporidiosis. <i>Research in Veterinary Science</i> , 2020, 132, 78-80.	1.9	0

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109	Effects of intravenous magnesium sulfate on serum calcium-regulating hormones and plasma and urinary electrolytes in healthy horses. PLoS ONE, 2021, 16, e0247542.	2.5	0
110	Cutaneous melanocytoma associated with vitiligo and leukotrichia in a mixed-breed pig. Veterinary Record Case Reports, 2021, 9, e146.	0.2	0
111	Bronchointerstitial Pneumonia and Acute Respiratory Distress. , 2003, , 674-677.		0
112	Pharmacokinetics of erythromycin ethylsuccinate after intragastric administration to healthy foals. Veterinary Therapeutics: Research in Applied Veterinary Medicine, 2002, 3, 189-95.	0.3	0