

Roswitha Merle

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

1,245
citations

535685

17
h-index

511568

30
g-index

106
all docs

106
docs citations

106
times ranked

1540
citing authors

#	ARTICLE	IF	CITATIONS
1	Symmetric dimethylarginine and renal function analysis in horses with dehydration. <i>Equine Veterinary Journal</i> , 2022, 54, 670-678.	0.9	6
2	Identifying cow " level factors and farm characteristics associated with locomotion scores in dairy cows using cumulative link mixed models. <i>PLoS ONE</i> , 2022, 17, e0263294.	1.1	12
3	German Farmers' Awareness of Lameness in Their Dairy Herds. <i>Frontiers in Veterinary Science</i> , 2022, 9, 866791.	0.9	9
4	Impact of Veterinary Herd Health Management on German Dairy Farms: Effect of Participation on Farm Performance. <i>Frontiers in Veterinary Science</i> , 2022, 9, 841405.	0.9	2
5	A Cross-Sectional Study of Veterinarians in Germany on the Impact of the TÄ„HAV Amendment 2018 on Antimicrobial Use and Development of Antimicrobial Resistance in Dogs and Cats. <i>Antibiotics</i> , 2022, 11, 484.	1.5	8
6	Hepatitis E virus cross-contamination on the surface of porcine livers after storage in Euro meat containers in a German pig abattoir. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2022, 17, 33-39.	0.5	5
7	Evaluation of the effect of tongue ties on stress parameters, behaviour and heart-rate variability in racehorses. <i>Animal Welfare</i> , 2022, 31, 231-241.	0.3	1
8	Effects of separated pair housing of female C57BL/6Jrj mice on well-being. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
9	Evaluation of procalcitonin (PCT), neutrophilic gelatinase-associated lipocalin (NGAL), interleukins 1Ä“ and 6 as biomarkers for sepsis and endotoxemia in equine colic. <i>Tierärztliche Praxis Ausgabe K: Kleintiere - Heimtiere</i> , 2022, , .	0.3	1
10	Comparative Study of Fresh and Frozen Broiler Neck Skin Sampled for Process Hygiene Purposes. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6701.	1.3	2
11	Prevalence of and factors associated with swellings of the ribs in tie stall housed dairy cows in Germany. <i>PLoS ONE</i> , 2022, 17, e0269726.	1.1	4
12	Asymmetric dimethylarginine" A potential cardiac biomarker in horses. <i>Journal of Veterinary Cardiology</i> , 2021, 33, 43-51.	0.3	2
13	Cluster analysis of resistance combinations in <i>Escherichia coli</i> from different human and animal populations in Germany 2014-2017. <i>PLoS ONE</i> , 2021, 16, e0244413.	1.1	7
14	Impact of different management measures on the colonization of broiler chickens with ESBL- and pAmpC- producing <i>Escherichia coli</i> in an experimental seeder-bird model. <i>PLoS ONE</i> , 2021, 16, e0245224.	1.1	5
15	The Data Behind Risk Analysis of <i>Campylobacter Jejuni</i> and <i>Campylobacter Coli</i> Infections. <i>Current Topics in Microbiology and Immunology</i> , 2021, 431, 25-58.	0.7	6
16	MMP-9 Concentration in Peritoneal Fluid Is a Valuable Biomarker Associated with Endotoxemia in Equine Colic. <i>Mediators of Inflammation</i> , 2021, 2021, 1-9.	1.4	5
17	Preliminary study on the effects of pergolide on left ventricular function in the horses with pituitary pars intermedia dysfunction. <i>Journal of Veterinary Science</i> , 2021, 22, e64.	0.5	1
18	Desire for information and alternative therapies of pet owners is associated with empathy and partnership"building of veterinarians. <i>Journal of Small Animal Practice</i> , 2021, 62, 775-787.	0.5	3

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19	Treatment of equine sarcoids using recombinant poxviruses expressing feline interleukin-2. <i>Veterinary Dermatology</i> , 2021, 32, 283.	0.4	2
20	Slaughter pigs as carrier of <i>Listeria monocytogenes</i> in Germany. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2021, 16, 109.	0.5	3
21	From Stable to Table: Determination of German Consumer Perceptions of the Role of Multiple Aspects of Poultry Production on Meat Quality and Safety. <i>Journal of Food Protection</i> , 2021, 84, 1400-1410.	0.8	0
22	Evaluation of matrix-metalloproteinases (MMPs) and tissue inhibitors of metalloproteinases (TIMPs) as biomarkers for sepsis and endotoxemia in equine colic. , 2021, 49, .		0
23	A Pilot Randomised Clinical Trial Comparing a Short-Term Perioperative Prophylaxis Regimen to a Long-Term Standard Protocol in Equine Colic Surgery. <i>Antibiotics</i> , 2021, 10, 587.	1.5	11
24	Alternatives in Education – Rat and Mouse Simulators Evaluated from Course Trainers' and Supervisors' Perspective. <i>Animals</i> , 2021, 11, 1848.	1.0	4
25	Evaluating Horse Owner Expertise and Professional Use of Auxiliary Reins during Horse Riding. <i>Animals</i> , 2021, 11, 2146.	1.0	1
26	Comparison of MICs in <i>Escherichia coli</i> isolates from human health surveillance with MICs obtained for the same isolates by broth microdilution. <i>JAC-Antimicrobial Resistance</i> , 2021, 3, dlab145.	0.9	2
27	Prevalence of disorders in preweaned dairy calves from 731 dairies in Germany: A cross-sectional study. <i>Journal of Dairy Science</i> , 2021, 104, 9037-9051.	1.4	16
28	Feather Corticosterone Measurements and Behavioral Observations in the Great White Pelican (<i>Pelecanus onocrotalus</i>) Living under Different Flight Restraint Conditions in German Zoos. <i>Animals</i> , 2021, 11, 2522.	1.0	3
29	Comparison of Two Different Feather Sampling Methods to Measure Corticosterone in Wild Greater Flamingos (<i>Phoenicopterus roseus</i>) and Wild Mallards (<i>Anas platyrhynchos</i>). <i>Animals</i> , 2021, 11, 2796.	1.0	3
30	Evaluation of Different Blood Parameters From Endurance Horses Competing at 160 km. <i>Journal of Equine Veterinary Science</i> , 2021, 104, 103687.	0.4	11
31	Influence of Age and Breed on Bovine Ovarian Capillary Blood Supply, Ovarian Mitochondria and Telomere Length. <i>Cells</i> , 2021, 10, 2661.	1.8	1
32	Attitude of Veterinarians Toward Self-Informed Animal Owners Affects Shared Decision Making. <i>Frontiers in Veterinary Science</i> , 2021, 8, 692452.	0.9	1
33	Anatomical Evaluation of Rat and Mouse Simulators for Laboratory Animal Science Courses. <i>Animals</i> , 2021, 11, 3432.	1.0	2
34	Benefits of Veterinary Herd Health Management on German Dairy Farms: Status Quo and Farmers' Perspective. <i>Frontiers in Veterinary Science</i> , 2021, 8, 773779.	0.9	7
35	Alternatives in Education – Evaluation of Rat Simulators in Laboratory Animal Training Courses from Participants' Perspective. <i>Animals</i> , 2021, 11, 3462.	1.0	0
36	Association between Cardiac Auscultation and Echocardiographic Findings in Warmblood Horses. <i>Animals</i> , 2021, 11, 3463.	1.0	0

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37	Sales data as a measure of antibiotics usage: Concepts, examples and discussion of influencing factors. <i>Veterinary Medicine and Science</i> , 2020, 6, 154-163.	0.6	12
38	Reliability of the Mouse Grimace Scale in C57BL/6J Mice. <i>Animals</i> , 2020, 10, 1648.	1.0	15
39	Validation of an Alternative Feather Sampling Method to Measure Corticosterone. <i>Animals</i> , 2020, 10, 2054.	1.0	7
40	Factors associated with calf mortality and poor growth of dairy heifer calves in northeast Germany. <i>Preventive Veterinary Medicine</i> , 2020, 184, 105154.	0.7	9
41	Comparative Analysis of Intestinal Helminth Infections in Colic and Non-Colic Control Equine Patients. <i>Animals</i> , 2020, 10, 1916.	1.0	11
42	Monitoring of Farm-Level Antimicrobial Use to Guide Stewardship: Overview of Existing Systems and Analysis of Key Components and Processes. <i>Frontiers in Veterinary Science</i> , 2020, 7, 540.	0.9	76
43	Can Endocrine Dysfunction Be Reliably Tested in Aged Horses That Are Experiencing Pain?. <i>Animals</i> , 2020, 10, 1426.	1.0	8
44	High Predictive Power of Meat Juice Serology on the Presence of Hepatitis E Virus in Slaughter Pigs. <i>Foodborne Pathogens and Disease</i> , 2020, 17, 687-692.	0.8	6
45	Comparison of consumer knowledge about <i>Campylobacter</i> , <i>Salmonella</i> and <i>Toxoplasma</i> and their transmissibility via meat: results of a consumer study in Germany. <i>BMC Public Health</i> , 2020, 20, 336.	1.2	18
46	Evaluation of Stress Response under a Standard Euthanasia Protocol in Horses Using Analysis of Heart Rate Variability. <i>Animals</i> , 2020, 10, 485.	1.0	5
47	Deflighting zoo birds and its welfare considerations. <i>Animal Welfare</i> , 2020, 29, 69-80.	0.3	8
48	Feather Corticosterone Measurements of Greater Flamingos Living under Different Forms of Flight Restraint. <i>Animals</i> , 2020, 10, 605.	1.0	14
49	Partners in Sickness and in Health? Relationship-Centered Veterinary Care and Self-Educated Pet Owners in Germany: A Structural Equation Model. <i>Frontiers in Veterinary Science</i> , 2020, 7, 605631.	0.9	7
50	Influence of immune status on the airborne colonization of piglets with methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) clonal complex (CC) 398. <i>European Journal of Microbiology and Immunology</i> , 2020, 10, 1-10.	1.5	4
51	Factors Associated With Lameness in Tie Stall Housed Dairy Cows in South Germany. <i>Frontiers in Veterinary Science</i> , 2020, 7, 601640.	0.9	13
52	High-Zinc Supplementation of Weaned Piglets Affects Frequencies of Virulence and Bacteriocin Associated Genes Among Intestinal <i>Escherichia coli</i> Populations. <i>Frontiers in Veterinary Science</i> , 2020, 7, 614513.	0.9	6
53	Retrospective analysis of vector-borne infections in dogs after travelling to endemic areas (2007–2018). <i>Veterinary Parasitology</i> , 2019, 2, 100015.	2.7	20
54	Low Dose Colonization of Broiler Chickens With ESBL-/AmpC- Producing <i>Escherichia coli</i> in a Seeder-Bird Model Independent of Antimicrobial Selection Pressure. <i>Frontiers in Microbiology</i> , 2019, 10, 2124.	1.5	10

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55	Retrospective evaluation of vector-borne infections in dogs imported from the Mediterranean region and southeastern Europe (2007–2015). <i>Parasites and Vectors</i> , 2019, 12, 30.	1.0	27
56	Minimum inhibitory concentration of glyphosate and a glyphosate-containing herbicide in salmonella enterica isolates originating from different time periods, hosts, and serovars. <i>European Journal of Microbiology and Immunology</i> , 2019, 9, 35-41.	1.5	12
57	Minimum Inhibitory Concentration of Glyphosate and of a Glyphosate-Containing Herbicide Formulation for <i>Escherichia coli</i> Isolates – Differences Between Pathogenic and Non-pathogenic Isolates and Between Host Species. <i>Frontiers in Microbiology</i> , 2019, 10, 932.	1.5	18
58	Being Nice Is Not Enough-Exploring Relationship-Centered Veterinary Care With Structural Equation Modeling. A Quantitative Study on German Pet Owners' Perception. <i>Frontiers in Veterinary Science</i> , 2019, 6, 56.	0.9	22
59	Blepharitis in dogs: a clinical evaluation in 102 dogs. <i>Veterinary Dermatology</i> , 2019, 30, 222.	0.4	10
60	Effects of a Four-Week High-Dosage Zinc Oxide Supplemented Diet on Commensal <i>Escherichia coli</i> of Weaned Pigs. <i>Frontiers in Microbiology</i> , 2019, 10, 2734.	1.5	20
61	Histological examination of the interspinous ligament in horses with overriding spinous processes. <i>Veterinary Journal</i> , 2019, 244, 69-74.	0.6	11
62	Thoracic <i>processi spinosi</i> findings agree among subjective, semiquantitative, and modified semiquantitative scintigraphic image evaluation methods and partially agree with clinical findings in horses with and without thoracolumbar pain. <i>Veterinary Radiology and Ultrasound</i> , 2019, 60, 210-218.	0.4	4
63	Retrospective analysis after endoscopic urethral injections of glutaraldehyde-crosslinked collagen or dextranomer/hyaluronic acid copolymer in bitches with urinary incontinence. <i>Journal of Small Animal Practice</i> , 2019, 60, 96-101.	0.5	7
64	Association of a PD-L2 Gene Polymorphism with Chronic Lymphatic Filariasis in a South Indian Cohort. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 100, 344-350.	0.6	3
65	Consider the eye in preventive healthcare – ocular findings, intraocular pressure and Schirmer tear test in ageing cats. <i>Journal of Feline Medicine and Surgery</i> , 2018, 20, 1063-1071.	0.6	11
66	Evaluation of Infrared Thermography for Temperature Measurement in Adult Male NMRI Nude Mice. <i>Journal of the American Association for Laboratory Animal Science</i> , 2018, , .	0.6	11
67	Equine Methicillin-Resistant Sequence Type 398 <i>Staphylococcus aureus</i> (MRSA) Harbor Mobile Genetic Elements Promoting Host Adaptation. <i>Frontiers in Microbiology</i> , 2018, 9, 2516.	1.5	31
68	Persistent and Transient Airborne MRSA Colonization of Piglets in a Newly Established Animal Model. <i>Frontiers in Microbiology</i> , 2018, 9, 1542.	1.5	25
69	Semi-quantitative methods yield greater inter- and intraobserver agreement than subjective methods for interpreting ^{99m} Tc-hydroxymethylene diphosphonate uptake in equine thoracic <i>processi spinosi</i> . <i>Veterinary Radiology and Ultrasound</i> , 2018, 59, 469-476.	0.4	3
70	Development and evaluation of a broth microdilution method to determine the biocide susceptibility of bacteria. <i>Veterinary Microbiology</i> , 2018, 223, 59-64.	0.8	20
71	Intracellular free magnesium concentration in healthy horses. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 1351-1356.	1.0	2
72	Extended-spectrum beta-lactamase (ESBL)-producing <i>Escherichia coli</i> and <i>Acinetobacter baumannii</i> among horses entering a veterinary teaching hospital: The contemporary "Trojan Horse". <i>PLoS ONE</i> , 2018, 13, e0191873.	1.1	43

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73	Occurrence and molecular composition of methicillin-resistant <i>Staphylococcus aureus</i> isolated from ocular surfaces of horses presented with ophthalmologic disease. <i>Veterinary Microbiology</i> , 2018, 222, 1-6.	0.8	11
74	Organotypic soft-tissue co-cultures: Morphological changes in microvascular endothelial tubes after incubation with iodinated contrast media. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 64, 391-402.	0.9	4
75	Th2/1 Hybrid Cells Occurring in Murine and Human Strongyloidiasis Share Effector Functions of Th1 Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 261.	1.8	21
76	Subcellular Interactions during Vascular Morphogenesis in 3D Cocultures between Endothelial Cells and Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2590.	1.8	8
77	Oral supplementation of magnesium aspartate hydrochloride in horses with Equine Metabolic Syndrome. <i>Pferdeheilkunde</i> , 2016, 32, 372-377.	0.0	0
78	Epidemiological analysis of the dynamic and diversity of <i>Salmonella</i> spp. in five German pig production clusters using pheno- and genotyping methods: An exploratory study. <i>Veterinary Microbiology</i> , 2015, 176, 190-195.	0.8	5
79	Cross-Sectional Study on Antibiotic Usage in Pigs in Germany. <i>PLoS ONE</i> , 2015, 10, e0119114.	1.1	104
80	Feasibility study of veterinary antibiotic consumption in Germany - comparison of ADDs and UDDs by animal production type, antimicrobial class and indication. <i>BMC Veterinary Research</i> , 2014, 10, 7.	0.7	39
81	Prevalence and potential risk factors for the occurrence of cefotaxime resistant <i>Escherichia coli</i> in German fattening pig farms – A cross-sectional study. <i>Preventive Veterinary Medicine</i> , 2014, 116, 129-137.	0.7	44
82	<i>Campylobacter</i> spp. – Prevalence on pig livers and antimicrobial susceptibility. <i>Preventive Veterinary Medicine</i> , 2013, 109, 152-157.	0.7	16
83	<i>Campylobacter</i> spp., <i>Yersinia enterocolitica</i> , and <i>Salmonella enterica</i> and Their Simultaneous Occurrence in German Fattening Pig Herds and Their Environment. <i>Journal of Food Protection</i> , 2013, 76, 1704-1711.	0.8	17
84	Monitoring of antibiotic consumption in livestock: A German feasibility study. <i>Preventive Veterinary Medicine</i> , 2012, 104, 34-43.	0.7	88
85	Drinking Water Test Methods in Crisis-Afflicted Areas: Comparison of Methods Under Field Conditions. <i>Foodborne Pathogens and Disease</i> , 2011, 8, 1185-1189.	0.8	3
86	Serological <i>Salmonella</i> monitoring in German pig herds: Results of the years 2003 – 2008. <i>Preventive Veterinary Medicine</i> , 2011, 99, 229-233.	0.7	19
87	Prevalence of Pathogenic Strains on Liver Surfaces of Pigs and Their Antimicrobial Susceptibility. <i>Journal of Food Protection</i> , 2010, 73, 1680-1683.	0.8	10
88	Cell function in the bovine mammary gland: a preliminary study on interdependence of healthy and infected udder quarters. <i>Journal of Dairy Research</i> , 2007, 74, 174-179.	0.7	39
89	Shiga Toxin-producing <i>Escherichia coli</i> Infection in Germany – Different Risk Factors for Different Age Groups. <i>American Journal of Epidemiology</i> , 2006, 165, 425-434.	1.6	83
90	A ring trial for testing the comparability of the laboratory results of three commercial <i>Salmonella</i> antibody ELISA tests in Germany, Denmark and The Netherlands. , 0, , .		0

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91	The serological Salmonella Monitoring in German pork production: the structure of the central database and preliminary results of a basic epidemiological report. , 0, , .		0
92	Research on the dynamics of Salmonella spp. infections in fattening pig herds in north-western Germany. , 0, , .		0