

Marie Rhodin

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

1,374
citations

331538

21
h-index

377752

34
g-index

76
all docs

76
docs citations

76
times ranked

506
citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous versus discrete data analysis for gait evaluation of horses with induced bilateral hindlimb lameness. <i>Equine Veterinary Journal</i> , 2022, 54, 626-633.	0.9	5
2	In vivo joint synovial fluid disposition of a novel sustained-release formulation of diclofenac and hyaluronic acid in horses. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2022, 45, 167-176.	0.6	1
3	Modelling fore- and hindlimb peak vertical force differences in trotting horses using upper body kinematic asymmetry variables. <i>Journal of Biomechanics</i> , 2022, 137, 111097.	0.9	3
4	Asymmetries of horses walking and trotting on treadmill with and without rider. <i>Equine Veterinary Journal</i> , 2021, 53, 157-166.	0.9	2
5	Adaptation strategies of horses with induced forelimb lameness walking on a treadmill. <i>Equine Veterinary Journal</i> , 2021, 53, 600-611.	0.9	12
6	Non-banked curved tracks influence movement symmetry in two-year-old Standardbred trotters. <i>Equine Veterinary Journal</i> , 2021, 53, 1178-1187.	0.9	4
7	Objectively measured movement asymmetry in yearling Standardbred trotters. <i>Equine Veterinary Journal</i> , 2021, 53, 590-599.	0.9	12
8	A QTL for conformation of back and croup influences lateral gait quality in Icelandic horses. <i>BMC Genomics</i> , 2021, 22, 267.	1.2	7
9	Towards Machine Recognition of Facial Expressions of Pain in Horses. <i>Animals</i> , 2021, 11, 1643.	1.0	30
10	Effect of transportation and social isolation on facial expressions of healthy horses. <i>PLoS ONE</i> , 2021, 16, e0241532.	1.1	16
11	Kinematic gait characteristics of straight line walk in clinically sound dairy cows. <i>PLoS ONE</i> , 2021, 16, e0253479.	1.1	1
12	Effect of Speed and Surface Type on Individual Rein and Combined Left-Right Circle Movement Asymmetry in Horses on the Lunge. <i>Frontiers in Veterinary Science</i> , 2021, 8, 692031.	0.9	5
13	Effects of horse housing on musculoskeletal system post-exercise recovery. <i>Comparative Exercise Physiology</i> , 2021, 17, 421-428.	0.3	1
14	Comparison of visual lameness scores to gait asymmetry in racing Thoroughbreds during trot in-hand. <i>Equine Veterinary Education</i> , 2020, 32, 191-198.	0.3	19
15	Withers vertical movement asymmetry in dressage horses walking in different head-neck positions with and without riders. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2020, 36, 72-83.	0.5	5
16	Increased Rider Weight Did Not Induce Changes in Behavior and Physiological Parameters in Horses. <i>Animals</i> , 2020, 10, 95.	1.0	9
17	Quantitative lameness assessment in the horse based on upper body movement symmetry: The effect of different filtering techniques on the quantification of motion symmetry. <i>Biomedical Signal Processing and Control</i> , 2020, 57, 101674.	3.5	22
18	Identification of Body Behaviors and Facial Expressions Associated with Induced Orthopedic Pain in Four Equine Pain Scales. <i>Animals</i> , 2020, 10, 2155.	1.0	18

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19	Improving gait classification in horses by using inertial measurement unit (IMU) generated data and machine learning. <i>Scientific Reports</i> , 2020, 10, 17785.	1.6	19
20	Equestrian and biomechanical perspectives on laterality in the horse. <i>Comparative Exercise Physiology</i> , 2020, 16, 35-45.	0.3	20
21	Automatic detection of break-over phase onset in horses using hoof-mounted inertial measurement unit sensors. <i>PLoS ONE</i> , 2020, 15, e0233649.	1.1	7
22	Automatic hoof-on and -off detection in horses using hoof-mounted inertial measurement unit sensors. <i>PLoS ONE</i> , 2020, 15, e0233266.	1.1	6
23	Title is missing!. , 2020, 15, e0233649.		0
24	Title is missing!. , 2020, 15, e0233649.		0
25	Title is missing!. , 2020, 15, e0233649.		0
26	Title is missing!. , 2020, 15, e0233649.		0
27	Automatic hoof-on and -off detection in horses using hoof-mounted inertial measurement unit sensors. , 2020, 15, e0233266.		0
28	Automatic hoof-on and -off detection in horses using hoof-mounted inertial measurement unit sensors. , 2020, 15, e0233266.		0
29	Automatic hoof-on and -off detection in horses using hoof-mounted inertial measurement unit sensors. , 2020, 15, e0233266.		0
30	Automatic hoof-on and -off detection in horses using hoof-mounted inertial measurement unit sensors. , 2020, 15, e0233266.		0
31	Disposition and effect of intra-articularly administered dexamethasone on lipopolysaccharide induced equine synovitis. <i>Acta Veterinaria Scandinavica</i> , 2019, 61, 28.	0.5	8
32	Effect of meloxicam treatment on movement asymmetry in riding horses in training. <i>PLoS ONE</i> , 2019, 14, e0221117.	1.1	8
33	Effects of Horse Housing System on Energy Balance during Post-Exercise Recovery. <i>Animals</i> , 2019, 9, 976.	1.0	7
34	On the brink of daily clinical application of objective gait analysis: What evidence do we have so far from studies using an induced lameness model?. <i>Veterinary Journal</i> , 2018, 234, 11-23.	0.6	46
35	Vertical movement symmetry of the withers in horses with induced forelimb and hindlimb lameness at trot. <i>Equine Veterinary Journal</i> , 2018, 50, 818-824.	0.9	47
36	Head, withers and pelvic movement asymmetry and their relative timing in trot in racing Thoroughbreds in training. <i>Equine Veterinary Journal</i> , 2018, 50, 117-124.	0.9	29

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37	Quantification of the effect of instrumentation error in objective gait assessment in the horse on hindlimb symmetry parameters. <i>Equine Veterinary Journal</i> , 2018, 50, 370-376.	0.9	15
38	Head and pelvic vertical displacement in dogs with induced swinging limb lameness: an experimental study. <i>Acta Veterinaria Scandinavica</i> , 2018, 60, 81.	0.5	1
39	Modelling rein tension during riding sessions using the generalised additive modelling technique. <i>Comparative Exercise Physiology</i> , 2018, 14, 209-221.	0.3	5
40	Biomechanical findings in horses showing asymmetrical vertical excursions of the withers at walk. <i>PLoS ONE</i> , 2018, 13, e0204548.	1.1	19
41	Selection on the Colombian paso horse's gaits has produced kinematic differences partly explained by the DMRT3 gene. <i>PLoS ONE</i> , 2018, 13, e0202584.	1.1	15
42	Influence of seating styles on head and pelvic vertical movement symmetry in horses ridden at trot. <i>PLoS ONE</i> , 2018, 13, e0195341.	1.1	27
43	Effect of a unilateral hind limb orthotic lift on upper body movement symmetry in the trotting horse. <i>PLoS ONE</i> , 2018, 13, e0199447.	1.1	6
44	What is lameness and what (or who) is the gold standard to detect it?. <i>Equine Veterinary Journal</i> , 2018, 50, 549-551.	0.9	16
45	Lateral movement of the saddle relative to the equine spine in rising and sitting trot on a treadmill. <i>PLoS ONE</i> , 2018, 13, e0200534.	1.1	6
46	Effect of different head and neck positions on kinematics of elite dressage horses ridden at walk on treadmill. <i>Comparative Exercise Physiology</i> , 2018, 14, 69-78.	0.3	8
47	Inertial sensor-based system for lameness detection in trotting dogs with induced lameness. <i>Veterinary Journal</i> , 2017, 222, 54-59.	0.6	13
48	Do we have to redefine lameness in the era of quantitative gait analysis?. <i>Equine Veterinary Journal</i> , 2017, 49, 567-569.	0.9	47
49	Vertical head and pelvic movement symmetry at the trot in dogs with induced supporting limb lameness. <i>Veterinary Journal</i> , 2017, 229, 13-18.	0.6	7
50	Head and pelvic movement asymmetries at trot in riding horses in training and perceived as free from lameness by the owner. <i>PLoS ONE</i> , 2017, 12, e0176253.	1.1	59
51	Agreement between two inertial sensor gait analysis systems for lameness examinations in horses. <i>Equine Veterinary Education</i> , 2016, 28, 203-208.	0.3	37
52	Lungeing on hard and soft surfaces: Movement symmetry of trotting horses considered sound by their owners. <i>Equine Veterinary Journal</i> , 2016, 48, 83-89.	0.9	42
53	Quantitative assessment of gait parameters in horses: Useful for aiding clinical decision making?. <i>Equine Veterinary Education</i> , 2016, 28, 209-215.	0.3	27
54	Head and pelvic movement asymmetry during lungeing in horses with symmetrical movement on the straight. <i>Equine Veterinary Journal</i> , 2016, 48, 315-320.	0.9	54

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55	Rater agreement of visual lameness assessment in horses during lungeing. <i>Equine Veterinary Journal</i> , 2016, 48, 78-82.	0.9	58
56	Maximum and minimum peaks in rein tension within canter strides. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2016, 13, 63-71.	0.5	17
57	Stride-related rein tension patterns in walk and trot in the ridden horse. <i>Acta Veterinaria Scandinavica</i> , 2015, 57, 89.	0.5	16
58	Rein tension during canter. <i>Comparative Exercise Physiology</i> , 2015, 11, 107-118.	0.3	11
59	A snapshot of the training schedule for 8 professional riders riding dressage. <i>Comparative Exercise Physiology</i> , 2015, 11, 35-45.	0.3	10
60	Differences in rider movement pattern between different degrees of collection at the trot in high-level dressage horses ridden on a treadmill. <i>Human Movement Science</i> , 2015, 41, 1-8.	0.6	30
61	Rein tension in 8 professional riders during regular training sessions. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2015, 10, 419-426.	0.5	22
62	Subjective Evaluation of Lameness in Horses During Lungeing. <i>Equine Veterinary Journal</i> , 2014, 46, 41-41.	0.9	3
63	Skin Displacement in the Equine Neck. <i>Equine Veterinary Journal</i> , 2014, 46, 36-36.	0.9	3
64	Evaluation of skin displacement in the equine neck. <i>Comparative Exercise Physiology</i> , 2014, 10, 181-186.	0.3	5
65	Effect of lungeing on head and pelvic movement asymmetry in horses with induced lameness. <i>Veterinary Journal</i> , 2013, 198, e39-e45.	0.6	52
66	The influence of head and neck position on kinematics of the back in riding horses at the walk and trot. <i>Equine Veterinary Journal</i> , 2010, 37, 7-11.	0.9	65
67	Kinematics of saddle and rider in high-level dressage horses performing collected walk on a treadmill. <i>Equine Veterinary Journal</i> , 2010, 42, 340-345.	0.9	34
68	The effect of different head and neck positions on the caudal back and hindlimb kinematics in the elite dressage horse at trot. <i>Equine Veterinary Journal</i> , 2009, 41, 274-279.	0.9	68
69	Basic kinematics of the saddle and rider in high-level dressage horses trotting on a treadmill. <i>Equine Veterinary Journal</i> , 2009, 41, 280-284.	0.9	54
70	Kinetics and kinematics of the horse comparing left and right rising trot. <i>Equine Veterinary Journal</i> , 2009, 41, 292-296.	0.9	35
71	Back kinematics of healthy trotting horses during treadmill versus over ground locomotion. <i>Equine Veterinary Journal</i> , 2009, 41, 297-300.	0.9	29
72	The effect of head and neck position on the thoracolumbar kinematics in the unriden horse. <i>Equine Veterinary Journal</i> , 2006, 38, 445-451.	0.9	75

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73	The effect of weighted boots on the movement of the back in the asymptomatic riding horse. <i>Equine and Comparative Exercise Physiology</i> , 2006, 3, 13-18.	0.4	10