

Peta Hitchens

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

1,528
citations

394421

19
h-index

345221

36
g-index

65
all docs

65
docs citations

65
times ranked

2127
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in Thoroughbred speed and stride characteristics over successive race starts and their association with musculoskeletal injury. <i>Equine Veterinary Journal</i> , 2023, 55, 194-204.	1.7	10
2	Factors associated with racing performance and career duration for Victorian-born Thoroughbreds. <i>Australian Veterinary Journal</i> , 2022, 100, 48-55.	1.1	6
3	Relationship between Thoroughbred workloads in racing and the fatigue life of equine subchondral bone. <i>Scientific Reports</i> , 2022, 12, .	3.3	3
4	Catastrophic Musculoskeletal Injuries in Thoroughbred Racehorses in Uruguay, 2011-2017. <i>Journal of Equine Veterinary Science</i> , 2022, 117, 104074.	0.9	1
5	Microstructural properties of the proximal sesamoid bones of Thoroughbred racehorses in training. <i>Equine Veterinary Journal</i> , 2021, 53, 1169-1177.	1.7	9
6	Variation in GPS and accelerometer recorded velocity and stride parameters of galloping Thoroughbred horses. <i>Equine Veterinary Journal</i> , 2021, 53, 1063-1074.	1.7	15
7	The Welfare of Animals in Australian Filmed Media. <i>Animals</i> , 2021, 11, 1986.	2.3	4
8	A Cross Sectional Survey of International Horse-Racing Authorities on Injury Data Collection and Reporting Practices For Professional Jockeys. <i>Journal of Equine Veterinary Science</i> , 2021, 104, 103686.	0.9	2
9	Participation of Victorian Thoroughbreds in the racing industry: a whole-of-a-population benchmark. <i>Australian Veterinary Journal</i> , 2021, , .	1.1	4
10	Association of Thoroughbred Racehorse Workloads and Rest Practices with Trainer Success. <i>Animals</i> , 2021, 11, 3130.	2.3	3
11	The relationship between microstructure, stiffness and compressive fatigue life of equine subchondral bone. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 101, 103439.	3.1	12
12	Training practices, speed and distances undertaken by Thoroughbred racehorses in Victoria, Australia. <i>Equine Veterinary Journal</i> , 2020, 52, 273-280.	1.7	26
13	Effects of in vivo fatigue-induced subchondral bone microdamage on the mechanical response of cartilage-bone under a single impact compression. <i>Journal of Biomechanics</i> , 2020, 100, 109594.	2.1	6
14	Fatigue behavior of subchondral bone under simulated physiological loads of equine athletic training. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 110, 103920.	3.1	8
15	Associations between the radiographic appearance of vascular channels in proximal sesamoid bones, their microstructural characteristics and past racing performance in Thoroughbreds. <i>Equine Veterinary Journal</i> , 2020, 52, 670-677.	1.7	1
16	Global shifts in mammalian population trends reveal key predictors of virus spillover risk. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192736.	2.6	260
17	Do riders who wear an air jacket in equestrian eventing have reduced injury risk in falls? A retrospective data analysis. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 428-429.	1.3	3
18	A sustainable structure for jockey injury data management for the North American horse racing industry. <i>Injury</i> , 2019, 50, 1418-1422.	1.7	8

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19	Do riders who wear an air jacket in equestrian eventing have reduced injury risk in falls? A retrospective data analysis. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 1010-1013.	1.3	6
20	Meta-analysis of risk factors for racehorse catastrophic musculoskeletal injury in flat racing. <i>Veterinary Journal</i> , 2019, 245, 29-40.	1.7	68
21	Associations between pre-injury racing history and tibial and humeral fractures in Australian Thoroughbred racehorses. <i>Veterinary Journal</i> , 2019, 247, 44-49.	1.7	9
22	Fragmentation of the dorsal distal aspect of the talus on weanling survey and pre-sale radiographs of juvenile Thoroughbreds: prevalence and 2-year and 3-year-olds racing performance. <i>Australian Veterinary Journal</i> , 2019, 97, 68-74.	1.1	7
23	Prevalence, radiographic resolution and outcomes of slab fractures of the third and central tarsal bones in juvenile Thoroughbred horses. <i>Australian Veterinary Journal</i> , 2019, 97, 108-115.	1.1	4
24	Subchondral bone morphology in the metacarpus of racehorses in training changes with distance from the articular surface but not with age. <i>Journal of Anatomy</i> , 2018, 232, 919-930.	1.5	16
25	Mathematical modelling of bone adaptation of the metacarpal subchondral bone in racehorses. <i>Biomechanics and Modeling in Mechanobiology</i> , 2018, 17, 877-890.	2.8	6
26	Hospital-treated injuries from horse riding in Victoria, Australia: time to refocus on injury prevention?. <i>BMJ Open Sport and Exercise Medicine</i> , 2018, 4, e000321.	2.9	9
27	The effects of feedback from horse welfare assessments. <i>Animal Welfare</i> , 2018, 27, 125-131.	0.7	1
28	Track Surfaces Used for Ridden Workouts and Alternatives to Ridden Exercise for Thoroughbred Horses in Race Training. <i>Animals</i> , 2018, 8, 221.	2.3	12
29	Relationship Between Historical Lameness, Medication Usage, Surgery, and Exercise With Catastrophic Musculoskeletal Injury in Racehorses. <i>Frontiers in Veterinary Science</i> , 2018, 5, 217.	2.2	13
30	Subchondral bone microdamage accumulation in distal metacarpus of Thoroughbred racehorses. <i>Equine Veterinary Journal</i> , 2018, 50, 766-773.	1.7	45
31	An epidemiological analysis of equine welfare data from regulatory inspections by the official competent authorities. <i>Animal</i> , 2017, 11, 1237-1248.	3.3	14
32	Circus and zoo animal welfare in Sweden: an epidemiological analysis of data from regulatory inspections by the official competent authorities. <i>Animal Welfare</i> , 2017, 26, 373-382.	0.7	7
33	Biomechanical Comparison of Locking Compression Plate versus Positive Profile Pins and Polymethylmethacrylate for Stabilization of the Canine Lumbar Vertebrae. <i>Veterinary Surgery</i> , 2016, 45, 309-318.	1.0	22
34	The associations between animal-based welfare measures and the presence of indicators of food safety in finishing pigs. <i>Animal Welfare</i> , 2016, 25, 355-363.	0.7	4
35	Serum levels of innate immunity cytokines are elevated in dogs with metaphyseal osteopathy (hypertrophic osteodystrophy) during active disease and remission. <i>Veterinary Immunology and Immunopathology</i> , 2016, 179, 32-35.	1.2	16
36	Effects of racetrack surface and nail placement on movement between heels of the hoof and horseshoes of racehorses. <i>American Journal of Veterinary Research</i> , 2016, 77, 983-990.	0.6	1

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37	Prevalence and risk factors for overweight horses at premises in Sweden assessed using official animal welfare control data. <i>Acta Veterinaria Scandinavica</i> , 2016, 58, 61.	1.6	13
38	Australian insurance costs of jockeys injured in a race-day fall. <i>Occupational Medicine</i> , 2016, 66, 222-229.	1.4	17
39	Prevalence, location and symmetry of noncatastrophic ligamentous suspensory apparatus lesions in California Thoroughbred racehorses, and association of these lesions with catastrophic injuries. <i>Equine Veterinary Journal</i> , 2016, 48, 27-32.	1.7	20
40	The role of catastrophic injury or sudden death of the horse in race-day jockey falls and injuries in California, 2007-2012. <i>Equine Veterinary Journal</i> , 2016, 48, 50-56.	1.7	33
41	Spillover and pandemic properties of zoonotic viruses with high host plasticity. <i>Scientific Reports</i> , 2015, 5, 14830.	3.3	238
42	Prevalence of equine obesity in Sweden assessed from official animal welfare control data. <i>Acta Veterinaria Scandinavica</i> , 2015, 57, 07.	1.6	3
43	Investigating the costs of major and minor cycling crashes in Tasmania, Australia. <i>Australian and New Zealand Journal of Public Health</i> , 2015, 39, 485-490.	1.8	2
44	Caudal lumbar vertebral fractures in California Quarter Horse and Thoroughbred racehorses. <i>Equine Veterinary Journal</i> , 2015, 47, 573-579.	1.7	22
45	Workplace Injuries in Thoroughbred Racing: An Analysis of Insurance Payments and Injuries amongst Jockeys in Australia from 2002 to 2010. <i>Animals</i> , 2015, 5, 897-909.	2.3	10
46	A decision tree model for the implementation of a safety strategy in the horse-racing industry. <i>Injury Prevention</i> , 2015, 21, 109-114.	2.4	5
47	Non-random patterns in viral diversity. <i>Nature Communications</i> , 2015, 6, 8147.	12.8	65
48	Modification of the contact area of a standard force platform and runway for small breed dogs. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2014, 27, 257-262.	0.5	8
49	Evidence for henipavirus spillover into human populations in Africa. <i>Nature Communications</i> , 2014, 5, 5342.	12.8	143
50	Accident rates amongst regular bicycle riders in Tasmania, Australia. <i>Accident Analysis and Prevention</i> , 2014, 72, 376-381.	5.7	9
51	Capacity building efforts and perceptions for wildlife surveillance to detect zoonotic pathogens: comparing stakeholder perspectives. <i>BMC Public Health</i> , 2014, 14, 684.	2.9	13
52	Genome-Wide Association Mapping in Dogs Enables Identification of the Homeobox Gene, NKX2-8, as a Genetic Component of Neural Tube Defects in Humans. <i>PLoS Genetics</i> , 2013, 9, e1003646.	3.5	39
53	A novel method for calculating prevalence of multiple sclerosis in Australia. <i>Multiple Sclerosis Journal</i> , 2013, 19, 1704-1711.	3.0	18
54	Case-control study of high-speed exercise history of Thoroughbred and Quarter Horse racehorses that died related to a complete scapular fracture. <i>Equine Veterinary Journal</i> , 2013, 45, 284-292.	1.7	30

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55	Jockey Falls, Injuries, and Fatalities Associated With Thoroughbred and Quarter Horse Racing in California, 2007-2011. <i>Orthopaedic Journal of Sports Medicine</i> , 2013, 1, 232596711349262.	1.7	28
56	The association between jockey experience and race-day falls in flat racing in Australia. <i>Injury Prevention</i> , 2012, 18, 385-391.	2.4	25
57	Characteristics of, and insurance payments for, injuries to cyclists in Tasmania, 1990â€“2010. <i>Accident Analysis and Prevention</i> , 2012, 49, 449-456.	5.7	6
58	CL1 A Novel Method for Calculating Prevalence of Multiple Sclerosis in Australia. <i>Value in Health</i> , 2012, 15, A606.	0.3	0
59	Predictors of race-day jockey falls in jumps racing in Australia. <i>Accident Analysis and Prevention</i> , 2011, 43, 840-847.	5.7	22
60	Are physiological attributes of jockeys predictors of falls? A pilot study. <i>BMJ Open</i> , 2011, 1, e000142-e000142.	1.9	27
61	Predictors of race-day jockey falls in flat racing in Australia. <i>Injury Prevention</i> , 2010, 16, A29-A30.	2.4	1
62	Predictors of race-day jockey falls in flat racing in Australia. <i>Occupational and Environmental Medicine</i> , 2010, 67, 693-698.	2.8	33
63	The incidence of raceâ€­day jockey falls in Australia, 2002â€“2006. <i>Medical Journal of Australia</i> , 2009, 190, 83-86.	1.7	53
64	Biomechanical and Microstructural Properties of Subchondral Bone From Three Metacarpophalangeal Joint Sites in Thoroughbred Racehorses. <i>Frontiers in Veterinary Science</i> , 0, 9, .	2.2	3