

Morris Villarroel

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

2,357
citations

185998

28
h-index

243296

44
g-index

96
all docs

96
docs citations

96
times ranked

2035
citing authors

#	ARTICLE	IF	CITATIONS
1	Fish Welfare in Urban Aquaponics: Effects of Fertilizer for Lettuce (<i>Lactuca sativa</i> L.) on Some Physiological Stress Indicators in Nile Tilapia (<i>Oreochromis niloticus</i> L.). <i>Water</i> (Switzerland), 2022, 14, 935.	1.2	2
2	Influence of temperament on performance and carcass quality of commercial Brahman steers in a Colombian tropical grazing system. <i>Meat Science</i> , 2022, 191, 108867.	2.7	4
3	Attitudes of meat consumers in Mexico and Spain about farm animal welfare: A cross-cultural study. <i>Meat Science</i> , 2021, 173, 108377.	2.7	31
4	Assessor Teaching and the Evolution of Human Morality. <i>Biological Theory</i> , 2021, 16, 5-15.	0.8	2
5	Horse welfare at slaughter: A novel approach to analyse bruised carcasses based on severity, damage patterns and their association with pre-slaughter risk factors. <i>Meat Science</i> , 2021, 172, 108341.	2.7	9
6	Revisiting Cattle Temperament in Beef Cow-Calf Systems: Insights from Farmers' Perceptions about an Autochthonous Breed. <i>Animals</i> , 2021, 11, 82.	1.0	9
7	Effect of ice stunning versus electronarcosis on stress response and flesh quality of rainbow trout. <i>Aquaculture</i> , 2021, 538, 736586.	1.7	11
8	Long-Distance Transport of Finisher Pigs in the Iberian Peninsula: Effects of Season on Thermal and Enthalpy Conditions, Welfare Indicators and Meat pH. <i>Animals</i> , 2021, 11, 2410.	1.0	8
9	Aqu@teach™ The First Aquaponics Curriculum to Be Developed Specifically for University Students. <i>Horticulturae</i> , 2021, 7, 18.	1.2	4
10	Effects of Randomly Fired Underwater Currents as an Occupational Enrichment Program in Rainbow Trout (<i>Oncorhynchus mykiss</i>). <i>Water</i> (Switzerland), 2021, 13, 3057.	1.2	2
11	Fasting combined with long catch duration modifies the physio-metabolic response and flesh quality of rainbow trout. <i>Aquaculture Research</i> , 2020, 51, 1244-1255.	0.9	6
12	Beneficial Effects of Spirulina Aqueous Extract on Vasodilator Function of Arteries from Hypertensive Rats. <i>International Journal of Vascular Medicine</i> , 2020, 2020, 1-9.	0.4	3
13	Growth performance and flesh quality of tilapia (<i>Oreochromis niloticus</i>) fed low concentrations of <i>Rubrivivax gelatinosus</i> , <i>Saccharomyces cerevisiae</i> and <i>Spirulina platensis</i> . <i>Aquaculture International</i> , 2020, 28, 1305-1317.	1.1	4
14	Fish individuality, physiology and welfare. <i>Physiology and Behavior</i> , 2020, 219, 112867.	1.0	2
15	Welfare of horses from Mexico and the United States of America transported for slaughter in Mexico: Fitness profiles for transport and pre-slaughter logistics. <i>Preventive Veterinary Medicine</i> , 2020, 180, 105033.	0.7	12
16	Physio-metabolic response of rainbow trout during prolonged food deprivation before slaughter. <i>Fish Physiology and Biochemistry</i> , 2019, 45, 253-265.	0.9	12
17	Transporters knowledge toward preslaughter logistic chain and occupational risks in Mexico: An integrative view with implications on sheep welfare. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2019, 33, 114-120.	0.5	7
18	Behaviour and welfare of fattening lambs supplemented with varying sizes and types of straw. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 1747-1757.	1.0	3

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19	Effect of <i>Arthrospira</i> supplementation on <i>Oreochromis niloticus</i> gut microbiota and flesh quality. <i>Aquaculture Research</i> , 2019, 50, 1448-1458.	0.9	6
20	Social personality in sheep: Can social strategies predict individual differences in cognitive abilities, morphology features, and reproductive success?. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2019, 31, 82-91.	0.5	13
21	Phase Space Analysis of Pig Ear Skin Temperature during Air and Road Transport. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5527.	1.3	4
22	The Role of Assessor Teaching in Human Culture. <i>Biological Theory</i> , 2019, 14, 112-121.	0.8	6
23	Consumer Attitudes Toward Animal Welfare-Friendly Products and Willingness to Pay: Exploration of Mexican Market Segments. <i>Journal of Applied Animal Welfare Science</i> , 2019, 22, 13-25.	0.4	41
24	Environmental enrichment and fish welfare. <i>Derecho Animal</i> , 2019, 10, 98.	0.1	2
25	Analysis of aquaponics as an emerging technological innovation system. <i>Journal of Cleaner Production</i> , 2018, 180, 232-243.	4.6	98
26	Long-distance transport of hair lambs: effect of location in pot-belly trailers on thermo-physiology, welfare and meat quality. <i>Tropical Animal Health and Production</i> , 2018, 50, 327-336.	0.5	17
27	Pre-slaughter cattle welfare indicators for use in commercial abattoirs with voluntary monitoring systems: A systematic review. <i>Meat Science</i> , 2018, 138, 34-48.	2.7	49
28	Effect of Dietary Grape Pomace and Seed on Ewe Milk and Meat Quality of Their Suckling Lambs. <i>Journal of Food Quality</i> , 2018, 2018, 1-8.	1.4	12
29	Pig ear skin temperature and feed efficiency: Using the phase space to estimate thermoregulatory effort. <i>Biosystems Engineering</i> , 2018, 174, 80-88.	1.9	10
30	Microbial biomass as an antioxidant for tilapia feed. <i>Aquaculture Research</i> , 2018, 49, 2881-2890.	0.9	7
31	Effect of spirulina (<i>Arthrospira platensis</i>) supplementation on tilapia (<i>Oreochromis niloticus</i>) growth and stress responsiveness under hypoxia. <i>Spanish Journal of Agricultural Research</i> , 2018, 16, e0606.	0.3	3
32	Rearing, bird type and pre-slaughter transport conditions I. Effect on dead on arrival. <i>Spanish Journal of Agricultural Research</i> , 2018, 16, e0503.	0.3	5
33	Indicadores de bienestar del ganado antes del sacrificio para uso en mataderos comerciales con sistemas voluntarios de monitoreo : una revisión sistemática. , 2018, , .		0
34	Rearing, bird type and pre-slaughter transport conditions of broilers II. Effect on foot-pad dermatitis and carcass quality. <i>Spanish Journal of Agricultural Research</i> , 2018, 16, e0504.	0.3	4
35	Thermophysiological, haematological, biochemical and behavioural stress responses of sheep transported on road. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2017, 101, 541-551.	1.0	29
36	Determination of optimal degree days of fasting before slaughter in rainbow trout (<i>Oncorhynchus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	13

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37	Mexican consumers' perceptions and attitudes towards farm animal welfare and willingness to pay for welfare friendly meat products. <i>Meat Science</i> , 2017, 125, 106-113.	2.7	97
38	Strategic Points in Aquaponics. <i>Water (Switzerland)</i> , 2017, 9, 182.	1.2	85
39	Short communication: Response of rainbow trout (<i>Oncorhynchus mykiss</i>) to mirror images. <i>Spanish Journal of Agricultural Research</i> , 2017, 15, e05SC02.	0.3	0
40	Survey of Aquaponics in Europe. <i>Water (Switzerland)</i> , 2016, 8, 468.	1.2	49
41	Effect of degree-days of fasting stress on rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Aquaculture</i> , 2016, 462, 109-114.	1.7	12
42	Reducing the effect of pre-slaughter fasting on the stress response of rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Journal of Applied Animal Welfare Science</i> , 2015, 18, 42-56.	0.3	6
43	On the sustainability of aquaponics. <i>Ecocycles</i> , 2016, 2, 26-32.	0.2	40
44	Nutrient supply of plants in aquaponic systems. <i>Ecocycles</i> , 2016, 2, .	0.2	60
45	Effect of Postweaning Handling Strategies on Welfare and Productive Traits in Lambs. <i>Journal of Applied Animal Welfare Science</i> , 2015, 18, 42-56.	0.4	26
46	Skin and subcutaneous mycoses in tilapia (<i>Oreochromis niloticus</i>) caused by <i>Fusarium oxysporum</i> in coinfection with <i>Aeromonas hydrophila</i> . <i>Medical Mycology Case Reports</i> , 2015, 9, 7-11.	0.7	42
47	The effect of intermittent feeding on the pre-slaughter fasting response in rainbow trout. <i>Aquaculture</i> , 2015, 443, 24-30.	1.7	8
48	Effects of alternative bedding substrates on lamb welfare, productive performance, and meat quality during the finishing phase of fattening. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2015, 10, 171-178.	0.5	9
49	Effect of including double bunks and straw on behaviour, stress response production performance and meat quality in feedlot lambs. <i>Small Ruminant Research</i> , 2015, 130, 236-245.	0.6	4
50	Preferencias de espacio y patrones de comportamiento de corderos durante el cebo en corrales enriquecidos con paja. <i>Archivos De Zootecnia</i> , 2015, 64, 155-160.	0.2	6
51	Finishing feedlot lambs in enriched pens using feeder ramps and straw and its influence on behavior and physiological welfare indicators. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2014, 9, 347-356.	0.5	19
52	Livestock transport from the perspective of the pre-slaughter logistic chain: a review. <i>Meat Science</i> , 2014, 98, 9-20.	2.7	110
53	Effect of enriched housing on welfare, production performance and meat quality in finishing lambs: The use of feeder ramps. <i>Meat Science</i> , 2014, 97, 42-48.	2.7	12
54	Effects of an enriched housing environment on sensory aspects and fatty-acid composition of the longissimus muscle of light-weight finished lambs. <i>Meat Science</i> , 2014, 97, 490-496.	2.7	5

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55	Assessment of different organic beddings materials for fattening lamb. <i>Small Ruminant Research</i> , 2014, 119, 22-27.	0.6	10
56	Fasting up to 34 °C days in rainbow trout, <i>Oncorhynchus mykiss</i> , has little effect on flesh quality. <i>Aquaculture</i> , 2014, 420-421, 63-70.	1.7	15
57	Lack of straw during finishing affects individual and social lamb behavior. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2014, 9, 177-183.	0.5	12
58	Use of fish farms to assess river contamination: Combining biomarker responses, active biomonitoring, and chemical analysis. <i>Aquatic Toxicology</i> , 2013, 140-141, 439-448.	1.9	20
59	Using multivariate analysis of water quality in RAS with Nile tilapia (<i>Oreochromis niloticus</i>) to model the evolution of macronutrients. <i>Aquacultural Engineering</i> , 2013, 54, 22-28.	1.4	9
60	Identity profiles based on social strategies, morphology, physiology, and cognitive abilities in goats. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2013, 8, 458-465.	0.5	13
61	Attitudes of meat retailers to animal welfare in Spain. <i>Meat Science</i> , 2013, 95, 569-575.	2.7	33
62	A note on lamb's choice for different types of bedding materials. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2013, 8, 175-179.	0.5	20
63	Short-term fasting and welfare prior to slaughter in rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Aquaculture</i> , 2013, 400-401, 142-147.	1.7	29
64	Influence of social dominance on production, welfare and the quality of meat from beef bulls. <i>Meat Science</i> , 2013, 94, 432-437.	2.7	31
65	Effect of feeding regime during finishing on lamb welfare, production performance and meat quality. <i>Small Ruminant Research</i> , 2013, 111, 147-156.	0.6	24
66	Effects of two transport systems on lamb welfare and meat quality. <i>Meat Science</i> , 2012, 92, 554-561.	2.7	28
67	Effect of straw on lamb welfare, production performance and meat quality during the finishing phase of fattening. <i>Meat Science</i> , 2012, 92, 829-836.	2.7	26
68	Effect of dietary type and level of fibre on rabbit carcass yield and its microbiological characteristics. <i>Livestock Science</i> , 2012, 145, 7-12.	0.6	11
69	Behavioural and physiological profiles following exposure to novel environment and social mixing in lambs. <i>Small Ruminant Research</i> , 2012, 103, 158-163.	0.6	62
70	Effects of double transport and season on sensorial aspects of lamb's meat quality in dry climates. <i>Tropical Animal Health and Production</i> , 2012, 44, 21-27.	0.5	17
71	Time derivatives in air temperature and enthalpy as non-invasive welfare indicators during long distance animal transport. <i>Biosystems Engineering</i> , 2011, 110, 253-260.	1.9	18
72	Effects of road type during transport on lamb welfare and meat quality in dry hot climates. <i>Tropical Animal Health and Production</i> , 2011, 43, 915-922.	0.5	47

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73	Livestock Vehicle Accidents in Spain: Causes, Consequences, and Effects on Animal Welfare. <i>Journal of Applied Animal Welfare Science</i> , 2011, 14, 109-123.	0.4	23
74	Effect of lairage on lamb welfare and meat quality. <i>Animal Production Science</i> , 2011, 51, 952.	0.6	28
75	Occurrence of the oribatid mite <i>Trhypochthoniellus longisetus longisetus</i> (Acari: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662 T	0.5	8
76	Aquaponics: integrating fish feeding rates and ion waste production for strawberry hydroponics. <i>Spanish Journal of Agricultural Research</i> , 2011, 9, 537.	0.3	32
77	Critical points in the pre-slaughter logistic chain of lambs in Spain that may compromise the animal's welfare. <i>Small Ruminant Research</i> , 2010, 90, 174-178.	0.6	60
78	Daily rhythms of locomotor activity, feeding behavior and dietary selection in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010, 156, 445-450.	0.8	40
79	Daily feeding patterns and self-selection of dietary oil in Nile tilapia. <i>Aquaculture Research</i> , 2010, 42, 157-160.	0.9	19
80	Effect of the pre-slaughter logistic chain on some indicators of welfare in lambs. <i>Livestock Science</i> , 2010, 128, 52-59.	0.6	50
81	Effect of feed type and feeding frequency on macrophage functions in tilapia (<i>Oreochromis niloticus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1.6 37	1.6	37
82	Effect of lairage duration on rabbit welfare and meat quality. <i>Meat Science</i> , 2009, 82, 71-76.	2.7	28
83	Effect of the pre-slaughter logistic chain on meat quality of lambs. <i>Meat Science</i> , 2009, 83, 604-609.	2.7	64
84	Oestrus synchronisation of rabbit does at early post-partum by doe's litter separation or ECG injection: Reproductive parameters and endocrine profiles. <i>Animal Reproduction Science</i> , 2006, 93, 218-230.	0.5	30
85	Oestrus synchronization of rabbit does at early post-partum by dam-litter separation or eCG injection: Effect on kit mortality and growth. <i>Livestock Science</i> , 2006, 103, 13-22.	0.6	5
86	Effects of transport time and season on aspects of rabbit meat quality. <i>Meat Science</i> , 2006, 72, 773-777.	2.7	26
87	The effects of slaughter weight, breed type and ageing time on beef meat quality using two different texture devices. <i>Meat Science</i> , 2004, 66, 925-932.	2.7	104
88	Scoring system for evaluating the stress to cattle of commercial loading and unloading. <i>Veterinary Record</i> , 2004, 154, 818-821.	0.2	67
89	Effect of transport time on sensorial aspects of beef meat quality. <i>Meat Science</i> , 2003, 63, 353-357.	2.7	36
90	Effect of transport time and ageing on aspects of beef quality. <i>Meat Science</i> , 2003, 65, 1335-1340.	2.7	45

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91	Critical points in the transport of cattle to slaughter in Spain that may compromise the animals' welfare. <i>Veterinary Record</i> , 2001, 149, 173-176.	0.2	35
92	Enzymes as molecular automata: a stochastic model of self-oscillatory glycolytic cycles in cellular metabolism. <i>BioSystems</i> , 2000, 56, 121-129.	0.9	11
93	Copulatory behaviour and paternity in the American kestrel: the adaptive significance of frequent copulations. <i>Animal Behaviour</i> , 1998, 56, 289-299.	0.8	47
94	DNA fingerprinting reveals a low incidence of extra-pair fertilizations in the lesser kestrel. <i>Animal Behaviour</i> , 1996, 51, 935-943.	0.8	97