Frederico MÃ¡rcio CorrÃªa Vieira

List of Publications by Year
in descending order

45 papers	481 citations	759233 12 h-index	752698 20 g-index
45 all docs	45 docs citations	45 times ranked	439 citing authors

#	Article	IF	Citations
1	A correct enthalpy relationship as thermal comfort index for livestock. International Journal of Biometeorology, 2011, 55, 455-459.	3.0	76
2	Preslaughter mortality of broilers in relation to lairage and season in a subtropical climate. Poultry Science, 2011, 90, 2127-2133.	3.4	40
3	Use of Different Cooling Methods in Pig Facilities to Alleviate the Effects of Heat Stressâ€"A Review. Animals, 2020, 10, 1459.	2.3	39
4	The effects of heat stress on the behaviour of dairy cows â€“ a review. Annals of Animal Science, 2021, 21, 385-402.	1.6	29
5	Mean surface temperature prediction models for broiler chickensâ€"a study of sensible heat flow. International Journal of Biometeorology, 2014, 58, 195-201.	3.0	27
6	Transporte de frangos: caracterizaÃ§Ã£o do microclima na carga durante o inverno. Revista Brasileira De Zootecnia, 2009, 38, 2442-2446.	0.8	23
7	Diurnal behaviors and herd characteristics of dairy cows housed in a compost-bedded pack barn system under hot and humid conditions. Animal, 2019, 13, 399-406.	3.3	22
8	Spatio-Thermal Variability and Behaviour as Bio-Thermal Indicators of Heat Stress in Dairy Cows in a Compost Barn: A Case Study. Animals, 2021, 11, 1197.	2.3	15
9	Productive losses on broiler preslaughter operations: effects of the distance from farms to abattoirs and of lairage time in a climatized holding area. Revista Brasileira De Zootecnia, 2010, 39, 2471-2476.	0.8	15
10	Thermoregulatory and Behaviour Responses of Dairy Heifers Raised on a Silvopastoral System in a Subtropical Climate. Annals of Animal Science, 2020, 20, 613-627.	1.6	15
11	Effect of shade and water sprinkling on physiological responses and milk yields of Holstein cows in a semi-arid region. Livestock Science, 2013, 154, 169-174.	1.6	14
12	Environment, behavior and welfare aspects of dairy cows reared in compost bedded pack barns system. Journal of Animal Behaviour and Biometeorology, 2017, 5, 97-105.	1.0	14
13	Transport of broilers: load microclimate during Brazilian summer. Engenharia Agricola, 2014, 34, 405-412.	0.7	13
14	Uso de redes neurais artificiais para prediÃ§Ã£o de Ãndices zootÃ©cnicos nas fases de gestaÃ§Ã£o e maternidade na suinocultura. Revista Brasileira De Zootecnia, 2011, 40, 676-681.	0.8	13
15	Impact of exposure time to harsh environments on physiology, mortality, and thermal comfort of day-old chickens in a simulated condition of transport. International Journal of Biometeorology, 2019, 63, 777-785.	3.0	12
16	Temperature mapping of trucks transporting fertile eggs and day-old chicks: Efficiency and/or acclimatization?. Revista Brasileira De Engenharia Agricola E Ambiental, 2015, 19, 134-139.	1.1	10
17	Thermal stress related with mortality rates on broilers' preslaughter operations: a lairage time effect study. Ciencia Rural, 2011, 41, 1639-1644.	0.5	9
18	One day-old chicks transport: Assessment of thermal profile in a tropical region. Revista Brasileira De Engenharia Agricola E Ambiental, 2015, 19, 663-667.	1.1	9

#	Article	IF	Citations
19	Artificial neural networks employment in the prediction of evapotranspiration of greenhouse-grown sweet pepper. Revista Brasileira De Engenharia Agricola E Ambiental, 2016, 20, 507-512.	1.1	9
20	CaracterizaÃ§Ã£o do microclima dos diferentes layouts de caixas no transporte de ovos fÃ©rteis. Revista Brasileira De Engenharia Agricola E Ambiental, 2013, 17, 327-332.	1.1	9
21	Physiological responses of Santa InÃªs x Dorper ewes and lambs to thermal environment of silvopasture and open pasture systems. Small Ruminant Research, 2021, 205, 106565.	1.2	7
22	Effect of the Silvopastoral System on the Thermal Comfort of Lambs in a Subtropical Climate: A Preliminary Study. Agriculture (Switzerland), 2021, 11, 790.	3.1	6
23	Toxic Effect of Ammonium Nitrogen on the Nitrification Process and Acclimatisation of Nitrifying Bacteria to High Concentrations of NH4-N in Wastewater. Energies, 2021, 14, 5329.	3.1	6
24	Evaluation of the Effectiveness of the Activated Sludge Process in the Elimination Both ATB-Resistant and ATB-Susceptible E. coli Strains. Energies, 2021, 14, 5868.	3.1	6
25	Dynamics of Microclimate Conditions in Freestall Barns During Winter â€“ a Case Study from Poland. Journal of Ecological Engineering, 2020, 21, 129-136.	1.1	6
26	Reducing pre-slaughter losses of broilers: crating density effects under different lairage periods at slaughterhouse. Journal of Animal Behaviour and Biometeorology, 2013, 1, 1-6.	1.0	5
27	NÃveis de vibraÃ§Ã£o e choques em diferentes estradas durante o transporte de ovos fÃ©rteis. Revista Brasileira De Engenharia Agricola E Ambiental, 2013, 17, 900-905.	1.1	5
28	Microclima, idade das matrizes e tempo de estocagem influenciando nas respostas produtivas de ovos fÃ©rteis. Revista Brasileira De Engenharia Agricola E Ambiental, 2014, 18, 1172-1178.	1.1	4
29	Postpartum behavioural response of Santa inÃªs x dorper ewes and lambs in a silvopastoral system. Small Ruminant Research, 2021, 203, 106495.	1.2	4
30	Transporte de ovos fÃ©rteis: InfluÃªncia das idades das matrizes, tempos de estocagem e das estradas. Revista Brasileira De Engenharia Agricola E Ambiental, 2014, 18, 338-343.	1.1	3
31	Pre-slaughter losses of broilers: effect of time period of the day and lairage time in a subtropical climate. Semina:Ciencias Agrarias, 2015, 36, 3887.	0.3	3
32	TermorregulaÃ§Ã£o de pintos de um dia submetidos a ambiente tÃ©rmico simulado de transporte. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2016, 68, 208-214.	0.4	3
33	Qualidade de pintos em funÃ§Ã£o do microclima, tempo de espera e idade de matrizes. Revista Brasileira De Engenharia Agricola E Ambiental, 2015, 19, 1079-1085.	1.1	3
34	InfluÃªncia das condiÃ§Ãµes tÃ©rmicas do galpÃ£o de espera climatizado na mortalidade prÃ©-abate de frangos de corte. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2016, 68, 475-482.	0.4	2
35	MineraÃ§Ã£o de dados para estimativas de mortalidade prÃ©-abate de frangos de corte. Archivos De Zootecnia, 2013, 62, 469-472.	0.1	2
36	Evaluation of the Effect of Vibration in Simulated Condition of Transport of Broiler Chickens. , 2008, , .		1

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37	Modeling preslaughter mortality of broiler chickens using double generalized linear models. Revista Brasileirade Ciencias Agrarias, 2014, 9, 284-289.	0.2	1
38	Microclima em sistema silvipastoril agroecolÃ³gico com bambu em diferentes distÂ¢ncias de projeÃ§Ã£o de sombra: um estudo de caso no Sul do Brasil. Revista De Ciencias Agroveterinarias, 2015, 17, 142-146.	0.2	1
39	Poultry Production Losses and their Relationship with Lairage Time Effects: A Thermodynamic Study under Tropical Conditions. , 2008, , .		0
40	Spatial Distribution of Laying Hens in Different Environmental Conditions by Image Processing and Correspondence Analysis. , 2008, , .		0
41	Production Losses on Poultry Pre-Slaughter Operations in Relation to Density per Cage: A Daily Period Effects Study. , 2008, , .		0
42	Geostatistical Techniques of Comparing Swine Noise Levels from an Automated Acquisition System. , 2008, , .		0
43	CaracterizaÃ§Ã£o fuzzy do transporte prÃ©-abate de frangos de corte: uma abordagem qualitativa. Archivos De Zootecnia, 2013, 62, 287-290.	0.1	0
44	Microclima, idades das matrizes e tempos de estocagem influenciam na perda de Ã¡gua dos ovos no transporte?. Engenharia Agricola, 2015, 35, 635-645.	0.7	0
45	VibraÃ§Ãµes e choques mecÂ¢nicos em pintos de um dia transportados em diferentes estradas. Revista Brasileira De Engenharia Agricola E Ambiental, 2015, 19, 680-685.	1.1	0