

Daniel Villalba

List of Publications by Year in descending order

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53
papers

1,268
citations

516710

16
h-index

361022

35
g-index

54
all docs

54
docs citations

54
times ranked

1335
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainability of pasture-based livestock farming systems in the European Mediterranean context: Synergies and trade-offs. <i>Livestock Science</i> , 2011, 139, 44-57.	1.6	266
2	An integrated sustainability assessment of mediterranean sheep farms with different degrees of intensification. <i>Agricultural Systems</i> , 2012, 105, 46-56.	6.1	127
3	Identification of three single nucleotide polymorphisms in the chicken insulin-like growth factor 1 and 2 genes and their associations with growth and feeding traits. <i>Poultry Science</i> , 2003, 82, 1485-1493.	3.4	109
4	Vegetation dynamics in Mediterranean forest pastures as affected by beef cattle grazing. <i>Agriculture, Ecosystems and Environment</i> , 2007, 121, 365-370.	5.3	83
5	The effect of Bioflavex [®] and its pure flavonoid components on in vitro fermentation parameters and methane production in rumen fluid from steers given high concentrate diets. <i>Animal Feed Science and Technology</i> , 2014, 197, 85-91.	2.2	69
6	Factors affecting animal performance during the grazing season in a mountain cattle production system1. <i>Journal of Animal Science</i> , 2002, 80, 1638-1651.	0.5	54
7	Comparison of carcass composition by parts and tissues between cocks and capons. <i>Animal Research</i> , 2002, 51, 421-431.	0.6	51
8	Association of CA repeat polymorphism at intron 1 of insulin-like growth factor (IGF-I) gene with circulating IGF-I concentration, growth, and fatness in swine. <i>Physiological Genomics</i> , 2007, 31, 236-243.	2.3	40
9	Prewaning growth curves in Brown Swiss and Pirenaica calves with emphasis on individual variability.. <i>Journal of Animal Science</i> , 2000, 78, 1132.	0.5	33
10	Influence of management and nutrition on postpartum interval in Brown Swiss and Pirenaica cows. <i>Livestock Science</i> , 2004, 86, 179-191.	1.2	32
11	Effects of early weaning and breed on calf performance and carcass and meat quality in autumn-born bull calves. <i>Livestock Science</i> , 2009, 120, 103-115.	1.6	32
12	Bone marrow storage and delayed consumption at Middle Pleistocene Qesem Cave, Israel (420 to 200) Tj ETQq0 0.0 rgBT /Overlock 10	10.8	27
13	Effects of pre-weaning concentrate feeding on calf performance, carcass and meat quality of autumn-born bull calves weaned at 90 or 150 days of age. <i>Animal</i> , 2008, 2, 779-789.	3.3	24
14	Credence cues of pork are more important than consumers' culinary skills to boost their purchasing intention. <i>Meat Science</i> , 2019, 154, 11-21.	5.5	21
15	Multi-objective simulation and optimisation of dairy sheep farms: Exploring trade-offs between economic and environmental outcomes. <i>Agricultural Systems</i> , 2019, 173, 107-118.	6.1	19
16	Correlated response to selection for litter size in pigs: I. Growth, fat deposition, and feeding behavior traits. <i>Journal of Animal Science</i> , 2002, 80, 2556.	0.5	19
17	Effects of suckling frequency and breed on productive performance, follicular dynamics and postpartum interval in beef cows. <i>Animal Reproduction Science</i> , 2003, 79, 57-69.	1.5	16
18	Intake capacity of two breeds of suckler cattle of different milk yield potential and validation of prediction models. <i>Livestock Science</i> , 2004, 89, 195-207.	1.2	16

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19	Stochastic simulation of mountain beef cattle systems. <i>Agricultural Systems</i> , 2006, 89, 414-434.	6.1	16
20	Effect of early weaning on performance, carcass and meat quality of spring-born bull calves raised in dry mountain areas. <i>Livestock Science</i> , 2008, 115, 226-234.	1.6	16
21	Correlated response to selection for litter size in pigs: II. Carcass, meat, and fat quality traits1. <i>Journal of Animal Science</i> , 2002, 80, 2566-2573.	0.5	15
22	The milk yield of dams and its relation to direct and maternal genetic components of weaning weight in beef cattle. <i>Livestock Science</i> , 2017, 202, 143-149.	1.6	15
23	A within-breed comparison of RYR1 pig genotypes for performance, feeding behaviour, and carcass, meat and fat quality traits. <i>Journal of Animal Breeding and Genetics</i> , 2001, 118, 417-427.	2.0	14
24	Plasma leptin levels in pigs with different leptin and leptin receptor genotypes. <i>Journal of Animal Breeding and Genetics</i> , 2008, 125, 228-233.	2.0	13
25	Organic practices and gender are effective strategies to provide healthy pork loin. <i>Journal of Integrative Agriculture</i> , 2016, 15, 608-617.	3.5	12
26	Comparison of B-splines and non-linear functions to describe growth patterns and predict mature weight of female beef cattle. <i>Animal Production Science</i> , 2016, 56, 1787.	1.3	11
27	Correlated response to selection for litter size in pigs: II. Carcass, meat, and fat quality traits. <i>Journal of Animal Science</i> , 2002, 80, 2566.	0.5	11
28	Growth analysis in light lambs raised under different management systems. <i>Small Ruminant Research</i> , 2008, 79, 188-191.	1.2	10
29	Long-term stochastic simulation of mountain beef cattle herds under diverse management strategies. <i>Agricultural Systems</i> , 2010, 103, 210-220.	6.1	10
30	The extent to which genetics and lean grade affect fatty acid profiles and volatile compounds in organic pork. <i>PeerJ</i> , 2019, 7, e7322.	2.0	10
31	The importance of the nutritive value of old bones in the diet of Bearded vultures <i>Gypaetus barbatus</i> . <i>Scientific Reports</i> , 2017, 7, 8061.	3.3	9
32	Effects of protein restriction on performance, ruminal fermentation and microbial community in Holstein bulls fed high-concentrate diets. <i>Animal Feed Science and Technology</i> , 2020, 264, 114479.	2.2	9
33	A spline polynomial model to describe serum IGF-I concentration from birth to slaughter in calves: effects of weaning age, pre-weaning concentrate feeding and breed. <i>Domestic Animal Endocrinology</i> , 2010, 38, 157-167.	1.6	8
34	Effects of maternal subnutrition during early pregnancy on cow hematological profiles and offspring physiology and vitality in two beef breeds. <i>Animal Science Journal</i> , 2019, 90, 857-869.	1.4	7
35	An age-dependent association between a leptin C3469T single nucleotide polymorphism and intramuscular fat content in pigs. <i>Livestock Science</i> , 2009, 121, 335-338.	1.6	6
36	Effect of Dietary Crude Protein on Productive Efficiency, Nutrient Digestibility, Blood Metabolites and Gastrointestinal Immune Markers in Light Lambs. <i>Animals</i> , 2020, 10, 328.	2.3	6

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37	Study of nitrogen fluxes across conventional solid floor cubicle and compost-bedded pack housing systems in dairy cattle barns located in the Mediterranean area: Effects of seasonal variation. <i>Journal of Dairy Science</i> , 2020, 103, 10882-10897.	3.4	6
38	Comparison of objective measures of pork colour traits during ageing of the longissimus muscle from pigs housed organically and conventionally. <i>Animal Production Science</i> , 2015, 55, 494.	1.3	5
39	Nutrient utilization efficiency, ruminal fermentation and microbial community in Holstein bulls fed concentrate-based diets with different forage source. <i>Animal Feed Science and Technology</i> , 2020, 269, 114662.	2.2	5
40	Relationships between Organic Beef Production and Agro-Ecosystems in Mountain Areas: The Case of Catalan Pyrenees. <i>Sustainability</i> , 2020, 12, 9274.	3.2	3
41	Locally Grown Crops and Immunocastration in Fattening Heavy Pigs: Effects on Performance and Welfare. <i>Animals</i> , 2022, 12, 1629.	2.3	3
42	An integrated simulation and optimization model of sheep farms as a tool to explore technical and environmental objectives. <i>Advances in Animal Biosciences</i> , 2015, 6, 6-8.	1.0	2
43	Corrigendum to: Comparison of B-splines and non-linear functions to describe growth patterns and predict mature weight of female beef cattle. <i>Animal Production Science</i> , 2016, 56, 2161.	1.3	2
44	High Salt Inclusion Reduces Concentrate Intake Without Major Effects on Renal Function in Young Bulls. <i>Italian Journal of Animal Science</i> , 2014, 13, 3207.	1.9	1
45	Prevalence of individual and bulk tank milk antibodies of bovine herpesvirus type 1 and its relation to milk quality parameters on dairy farms in Catalonia (north-east Spain). <i>Veterinary Record Open</i> , 2017, 4, e000203.	1.0	1
46	Maternal nutrient restriction in early pregnancy increases the risk of late embryo loss despite no effects on peri-implantation interferon-stimulated genes in suckler beef cattle. <i>Research in Veterinary Science</i> , 2020, 128, 69-75.	1.9	1
47	Minimum Effects of Sampling Time on the Apparent Digestibility of Nutrients and Blood Protein Catabolites in Light Lambs. <i>Animals</i> , 2021, 11, 2244.	2.3	1
48	Ruminal microbiota is associated with feed-efficiency phenotype of fattening bulls fed high-concentrate diets. <i>Animal Production Science</i> , 2021, , .	1.3	1
49	Dietary silage supplement modifies fatty acid composition and boar taint in pork fat. <i>Annals of Animal Science</i> , 2021, .	1.6	1
50	Management factors associated to the duration of postpartum anoestrus interval in Brown Swiss and Pirenaica beef cows. <i>Spanish Journal of Agricultural Research</i> , 2003, 1, 7.	0.6	0
51	Use of sinuosity indexes to describe freeranging cow paths. <i>Pirineos</i> , 2005, 160, 151-159.	0.6	0
52	Productive characterisation of a goat breed: study of growth and CSN1S1 gene polymorphism. <i>Archivos De Zootecnia</i> , 2011, 60, 1351-1354.	0.1	0
53	Estrategias de alimentaci3n, evaluaci3n del impacto ambiental y valoraci3n econ3mica de dietas de porcino ecol3gico. <i>Archivos De Zootecnia</i> , 2020, 69, 196-207.	0.1	0