

LuÃs Ferreira

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effects of Dietary Incorporation of Grape Stalks Untreated and Fungi-Treated in Growing Rabbits: A Preliminary Study. <i>Animals</i> , 2022, 12, 112.	1.0	1
2	Livestock Management for the Delivery of Ecosystem Services in Fire-Prone Shrublands of Atlantic Iberia. <i>Sustainability</i> , 2022, 14, 2775.	1.6	10
3	Use of Plant-Growth Promoting Rhizobacteria and Mycorrhizal Fungi Consortium as a Strategy to Improve Chickpea (<i>Cicer arietinum</i> L.) Productivity under Different Irrigation Regimes. <i>Agronomy</i> , 2022, 12, 1383.	1.3	7
4	Application of Fourier transform infrared spectroscopy (FTIR) techniques in the mid-IR (MIR) and near-IR (NIR) spectroscopy to determine n-alkane and long-chain alcohol contents in plant species and faecal samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 280, 121544.	2.0	5
5	Introducing Mediterranean Lupins in Lamb Diets: Effects on Carcass Composition, Meat Quality, and Intramuscular Fatty Acid Profile. <i>Animals</i> , 2022, 12, 1758.	1.0	0
6	Biovalorization of Grape Stalks as Animal Feed by Solid State Fermentation Using White-Rot Fungi. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6800.	1.3	6
7	Preservation of Fungal-Treated Cowpea Straw in Association with Discarded Apple by Ensilage Process. <i>Waste and Biomass Valorization</i> , 2021, 12, 5533-5543.	1.8	2
8	Introducing Mediterranean Lupins in Lambs' Diets: Effects on Growth and Digestibility. <i>Animals</i> , 2021, 11, 942.	1.0	4
9	Inoculation of plant growth promoting bacteria and arbuscular mycorrhizal fungi improve chickpea performance under water deficit conditions. <i>Applied Soil Ecology</i> , 2021, 164, 103927.	2.1	23
10	Incorporation of untreated or white-rot fungi treated cowpea stover on performance, digestibility, health and meat quality of growing rabbits. <i>Animal Feed Science and Technology</i> , 2021, 281, 115100.	1.1	1
11	Comparison of near-infrared (NIR) and mid-infrared (MIR) spectroscopy for the determination of nutritional and antinutritional parameters in common beans. <i>Food Chemistry</i> , 2020, 306, 125509.	4.2	35
12	Impact of Acorn Flour on Gluten-Free Dough Rheology Properties. <i>Foods</i> , 2020, 9, 560.	1.9	16
13	Nutrients, Antinutrients, Phenolic Composition, and Antioxidant Activity of Common Bean Cultivars and their Potential for Food Applications. <i>Antioxidants</i> , 2020, 9, 186.	2.2	41
14	Effect of Controlled Microbial Fermentation on Nutritional and Functional Characteristics of Cowpea Bean Flours. <i>Foods</i> , 2019, 8, 530.	1.9	8
15	Comparative foraging behaviour and performance between cattle and horses grazing in heathlands with different proportions of improved pasture area. <i>Journal of Applied Animal Research</i> , 2019, 47, 377-385.	0.4	8
16	Effect of cowpea (<i>Vigna Unguiculata</i> (L.) Walp) Stover dietary inclusion level on total tract apparent digestibility of nutrients in growing rabbits. <i>World Rabbit Science</i> , 2019, 27, 15.	0.1	3
17	Foraging behaviour and performance of steers from two local breeds (Asturian Valley and Asturian) Tj ETQq1 1 0.784314 rgBT /Overlock 2019, 17, e0601.	0.3	5
18	Effect of lignocellulosic and phenolic compounds on ammonia, nitric oxide and greenhouse gas emissions during composting. <i>Journal of Cleaner Production</i> , 2018, 171, 548-556.	4.6	49

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19	Effects of animal species and diet composition on long-chain alcohol faecal recoveries and accuracy of subsequent diet composition estimates. <i>Grass and Forage Science</i> , 2018, 73, 355-367.	1.2	2
20	Effects of seasonal variation, group size and sex on the activity budget and diet composition of the addax antelope. <i>African Journal of Range and Forage Science</i> , 2018, 35, 89-100.	0.6	9
21	Assessment of diet composition of free-ranging addax antelopes (<i>Addax nasomaculatus</i>) by the combination of microhistological procedures and n-alkanes and long-chain alcohols as faecal markers. <i>Canadian Journal of Zoology</i> , 2018, 96, 1284-1289.	0.4	1
22	Forage intake, digestibility and performance of cattle, horses, sheep and goats grazing together on an improved heathland. <i>Animal Production Science</i> , 2017, 57, 102.	0.6	24
23	Comparison of feed intake, digestion and rumen function among domestic ruminant species grazing in upland vegetation communities. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2017, 101, 846-856.	1.0	14
24	Increased protein content of chickpea (<i>Cicer arietinum</i> L.) inoculated with arbuscular mycorrhizal fungi and nitrogen-fixing bacteria under water deficit conditions. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 4379-4385.	1.7	43
25	A novel feedstuff: ensiling of cowpea (<i>Vigna unguiculata</i> L.) stover and apple (<i>Malus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 stability. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 4306-4313.	1.7	5
26	Diet selection and performance of horses grazing on different heathland types. <i>Animal</i> , 2017, 11, 1708-1717.	1.3	13
27	Potential use of cowpea (<i>Vigna unguiculata</i> (L.) Walp.) stover treated with white-rot fungi as rabbit feed. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 4386-4390.	1.7	5
28	Gaseous emissions and modification of slurry composition during storage and after field application: Effect of slurry additives and mechanical separation. <i>Journal of Environmental Management</i> , 2017, 200, 416-422.	3.8	20
29	Evaluating the freezing impact on the proximate composition of immature cowpea (<i>Vigna</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Food and Agriculture, 2017, 97, 4295-4305.	1.7	13
30	Improved grain yield of cowpea (<i>Vigna unguiculata</i>) under water deficit after inoculation with <i>Bradyrhizobium elkanii</i> and <i>Rhizophagus irregularis</i> . <i>Crop and Pasture Science</i> , 2017, 68, 1052.	0.7	28
31	Agroforestry Systems in Northern Spain: The Role of Land Management and Socio-economy in the Dynamics of Landscapes. , 2017, , 189-215.		2
32	Impacts of horse grazing on botanical composition and diversity in different types of heathland. <i>Rangeland Journal</i> , 2017, 39, 375.	0.4	10
33	Effect of Harvest Year and Altitude on Nutritional and Biometric Characteristics of Blueberry Cultivars. <i>Journal of Chemistry</i> , 2016, 2016, 1-12.	0.9	20
34	Productive responses of breeding Cashmere goats and their kids to different stocking rates on improved upland pastures1. <i>Journal of Animal Science</i> , 2016, 94, 1276-1286.	0.2	2
35	Combination of long-chain alcohols and fatty acids with alkanes as faecal markers to estimate feed intake and digestibility in horses and cattle fed on grass-heathland vegetation communities. <i>Canadian Journal of Animal Science</i> , 2016, 96, 221-231.	0.7	2
36	Grazing behaviour of Miranda donkeys in a natural mountain pasture and parasitic level changes. <i>Livestock Science</i> , 2016, 186, 16-21.	0.6	12

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37	Chemometric analysis on free amino acids and proximate compositional data for selecting cowpea (<i>Vigna unguiculata</i> L.) diversity. <i>Journal of Food Composition and Analysis</i> , 2016, 53, 69-76.	1.9	11
38	Cowpea (<i>Vigna unguiculata</i> L. Walp), a renewed multipurpose crop for a more sustainable agricultural food system: nutritional advantages and constraints. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 2941-2951.	1.7	169
39	Application of long-chain alcohols as faecal markers to estimate diet composition of horses and cattle fed with herbaceous and woody species. <i>Animal</i> , 2015, 9, 1786-1794.	1.3	10
40	Application of long-chain alcohols as diet composition markers in sheep fed on grass-white clover and heather-gorse plant species. <i>Grass and Forage Science</i> , 2015, 70, 30-43.	1.2	9
41	The Effect of <i>Jatropha Curcas</i> Seed Meal on Growth Performance and Internal Organs Development and Lesions in Broiler Chickens. <i>Brazilian Journal of Poultry Science</i> , 2015, 17, 1-6.	0.3	8
42	Preharvest Application of Seaweed Based Biostimulant Reduced Cherry (<i>Prunus Avium</i> L.) Cracking. <i>Procedia Environmental Sciences</i> , 2015, 29, 251-252.	1.3	16
43	Distribution of antioxidant compounds in the grain of the Mediterranean rice variety 'Ariete'. <i>CYTA - Journal of Food</i> , 2015, 13, 140-150.	0.9	9
44	Utilization of carbon isotope enrichments ($\delta^{13}C$) of alkanes as faecal markers to estimate diet composition of goats fed with heathland vegetation. <i>Animal Feed Science and Technology</i> , 2014, 191, 26-38.	1.1	4
45	Anthelmintic effect of heather in goats experimentally infected with <i>Trichostrongylus colubriformis</i> . <i>Parasitology Research</i> , 2014, 113, 693-699.	0.6	14
46	Comparative digestibility of low-quality grass hay by two breeds of cattle differing in mature live weight. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2014, 98, 453-457.	1.0	3
47	Evaluation of the nutritive value of muiumba (<i>Baikiaea plurijuga</i>) seeds: chemical composition, in vitro organic matter digestibility and in vitro gas production. <i>SpringerPlus</i> , 2014, 3, 311.	1.2	3
48	Effect of Elevated Carbon Dioxide Concentration on Rice Quality: Proximate Composition, Dietary Fibers, and Free Sugars. <i>Cereal Chemistry</i> , 2014, 91, 293-299.	1.1	20
49	Effect of the consumption of heather on incoming larvae and established population of <i>Teladorsagia circumcincta</i> in experimentally infected Cashmere goats. <i>Veterinary Parasitology</i> , 2013, 196, 124-129.	0.7	9
50	Foraging behaviour of domestic herbivore species grazing on heathlands associated with improved pasture areas. <i>Livestock Science</i> , 2013, 155, 373-383.	0.6	59
51	Grazing land management and biodiversity in the Atlantic European heathlands: a review. <i>Agroforestry Systems</i> , 2013, 87, 19-43.	0.9	65
52	Effect of nitrogen sources on in vitro fermentation profiles and microbial yield using equine caecal contents. <i>Animal Feed Science and Technology</i> , 2013, 182, 93-99.	1.1	4
53	Diet selection and performance of sheep and goats grazing on different heathland vegetation types. <i>Small Ruminant Research</i> , 2013, 109, 119-127.	0.6	41
54	Influence of dental correction on nociceptive test responses, fecal appearance, body condition score, and apparent digestibility coefficient for dry matter of Zamorano-león's donkeys (<i>Equus asinus</i>)1. <i>Journal of Animal Science</i> , 2013, 91, 4765-4771.	0.2	6

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55	Technical note: Fatty acids and purine profile of cecum and colon bacteria as indicators of equine microbial metabolism1. <i>Journal of Animal Science</i> , 2013, 91, 1753-1757.	0.2	2
56	Stable Isotope Labeled n-Alkanes to Assess Digesta Passage Kinetics through the Digestive Tract of Ruminants. <i>PLoS ONE</i> , 2013, 8, e75496.	1.1	6
57	The influence of casein and urea as nitrogen sources on in vitro equine caecal fermentation. <i>Animal</i> , 2012, 6, 1096-1102.	1.3	12
58	Evaluation of long-chain alcohols as diet composition markers in goats grazing heathland areas. <i>Animal</i> , 2012, 6, 683-692.	1.3	11
59	Heavy grazing by horses on heathlands of different botanical composition. , 2012, , 219-226.		5
60	Foraging behaviour of equines grazing on partially improved heathlands. , 2012, , 227-230.		0
61	Effect of collection time on the fermentative activity of microbes in equine faeces. <i>Animal Feed Science and Technology</i> , 2012, 178, 183-189.	1.1	8
62	Potential use of heather to control gastrointestinal nematodes in goats. <i>Small Ruminant Research</i> , 2012, 103, 60-68.	0.6	17
63	Performance of domestic herbivores in marginal heathlands. , 2012, , 148-152.		3
64	Grazing systems and the role of horses in heathland areas. , 2012, , 137-146.		3
65	Diet selection and performance of cattle and horses grazing in heathlands. <i>Animal</i> , 2011, 5, 1467-1473.	1.3	28
66	Understanding the equine cecum-colon ecosystem: current knowledge and future perspectives. <i>Animal</i> , 2011, 5, 48-56.	1.3	60
67	The utilization of long-chain fatty acids as markers for diet composition estimates in ruminants: effects of animal species, diet composition and marker combination. <i>Grass and Forage Science</i> , 2011, 66, 183-195.	1.2	11
68	The potential of white-rot fungi to degrade phorbol esters of <i>Jatropha curcas</i> L. seed cake. <i>Engineering in Life Sciences</i> , 2011, 11, 107-110.	2.0	30
69	Effects of heather and oat supplementation on gastrointestinal nematode infections and performance of grazing Cashmere goats. <i>Small Ruminant Research</i> , 2010, 91, 186-192.	0.6	16
70	Comparison of long-chain fatty acids and alkanes as markers to estimate diet composition of equines and cattle consuming heathland vegetation species. <i>Livestock Science</i> , 2010, 131, 260-271.	0.6	10
71	Evaluation of very long-chain fatty acids and n-alkane epicuticular compounds as markers for estimating diet composition of sheep fed heathland vegetation species. <i>Animal Feed Science and Technology</i> , 2010, 156, 75-88.	1.1	16
72	Could basidiomycetes fungi be an alternative for the treatment of fibrous feedstuffs? application of enzymatic complexes and future prospects. <i>Revista Brasileira De Zootecnia</i> , 2010, 39, 519-527.	0.3	0

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73	Assessment of very long-chain fatty acids as complementary or alternative natural fecal markers to n-alkanes for estimating diet composition of goats feeding on mixed diets ¹ . <i>Journal of Animal Science</i> , 2009, 87, 2732-2745.	0.2	20
74	Effects of Stocking Rate and Heather Supplementation on Gastrointestinal Nematode Infections and Host Performance in Naturally-Infected Cashmere Goats. <i>Rangeland Ecology and Management</i> , 2009, 62, 127-135.	1.1	9
75	Modification of wheat straw lignin by solid state fermentation with white-rot fungi. <i>Bioresource Technology</i> , 2009, 100, 4829-4835.	4.8	148
76	Differences between domestic herbivores species in alkane faecal recoveries and the accuracy of subsequent estimates of diet composition. <i>Animal Feed Science and Technology</i> , 2009, 151, 128-142.	1.1	34
77	Relationship between in situ degradation kinetics and in vitro gas production fermentation using different mathematical models. <i>Animal Feed Science and Technology</i> , 2009, 151, 86-96.	1.1	9
78	Grazing behaviour of domestic ruminants according to flock type and subsequent vegetation changes on partially improved heathlands. <i>Spanish Journal of Agricultural Research</i> , 2009, 7, 417.	0.3	23
79	Diet composition, herbage intake and digestibility in Inner Mongolian Cashmere goats grazing on native <i>Leymus chinensis</i> plant communities. <i>Livestock Science</i> , 2008, 116, 146-155.	0.6	18
80	Effect of enzyme extracts isolated from white-rot fungi on chemical composition and in vitro digestibility of wheat straw. <i>Animal Feed Science and Technology</i> , 2008, 141, 326-338.	1.1	95
81	Is the anthelmintic effect of heather supplementation to grazing goats always accompanied by anti-nutritional effects?. <i>Animal</i> , 2008, 2, 1449-1456.	1.3	21
82	Grazing behaviour and performance of lactating suckler cows, ewes and goats on partially improved heathlands. <i>Animal</i> , 2008, 2, 1818-1831.	1.3	38
83	Anthelmintic and nutritional effects of heather supplementation on Cashmere goats grazing perennial ryegrass-white clover pastures ¹ . <i>Journal of Animal Science</i> , 2007, 85, 861-870.	0.2	47
84	Diet selection and live-weight changes of two breeds of goats grazing on heathlands. <i>Animal</i> , 2007, 1, 449-457.	1.3	31
85	Effects of phenolic acid structures on meadow hay digestibility. <i>Animal Feed Science and Technology</i> , 2007, 136, 297-311.	1.1	15
86	The application of the n-alkane technique for estimating the composition of diets consumed by equines and cattle feeding on upland vegetation communities. <i>Animal Feed Science and Technology</i> , 2007, 138, 47-60.	1.1	37
87	Accuracy of the n-alkane technique for intake estimates in beef cattle using different sampling procedures and feeding levels. <i>Livestock Science</i> , 2007, 106, 28-40.	0.6	42
88	Comparison of grazing behaviour, dietary overlap and performance in non-lactating domestic ruminants grazing on marginal heathland areas. <i>Livestock Science</i> , 2007, 106, 271-281.	0.6	71
89	Estimation of feed intake and apparent digestibility of equines and cattle grazing on heathland vegetation communities using the n-alkane markers. <i>Livestock Science</i> , 2007, 110, 46-56.	0.6	27
90	The use of n-alkanes to estimate diet composition of ruminants grazing on species diverse plant communities – Effect of feeding selectivity on diet composition estimates. <i>Livestock Science</i> , 2007, 111, 114-123.	0.6	17

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91	Application of n-alkanes as diet composition markers in grazing/browsing goats and sheep: effect of using different faecal recovery corrections and plant species grouping approaches. Australian Journal of Agricultural Research, 2007, 58, 1013.	1.5	21
92	The use of the alkane technique to estimate diet selection of sheep grazing grass-clover/heather-gorse vegetation communities. Journal of the Science of Food and Agriculture, 2007, 87, 274-285.	1.7	26
93	Urea treatment of whole-crop triticale at four growth stages: effects on chemical composition and in vitro digestibility of cell wall. Journal of the Science of Food and Agriculture, 2006, 86, 964-970.	1.7	5
94	Validation of the alkane technique to estimate diet selection of goats grazing heather-gorse vegetation communities. Journal of the Science of Food and Agriculture, 2005, 85, 1636-1646.	1.7	54
95	Estimation of feed intake by cattle using controlled-release capsules containing n-alkanes or chromium sesquioxide. Journal of Agricultural Science, 2004, 142, 225-234.	0.6	25
96	The effect of cellulose crystallinity on in vitro digestibility and fermentation kinetics of meadow hay and barley, wheat and rice straws. Journal of the Science of Food and Agriculture, 2003, 83, 652-657.	1.7	1