

# Elena Albanell

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

1,428  
citations

361296

20  
h-index

345118

36  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1524  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of legume flours on baking characteristics of gluten-free bread. <i>Journal of Cereal Science</i> , 2012, 56, 476-481.	1.8	185
2	Chemical changes during vermicomposting ( <i>Eisenia fetida</i> ) of sheep manure mixed with cotton industrial wastes. <i>Biology and Fertility of Soils</i> , 1988, 6, 266.	2.3	142
3	Physiological responses and lactational performances of late-lactation dairy goats under heat stress conditions. <i>Journal of Dairy Science</i> , 2013, 96, 6355-6365.	1.4	131
4	Chickpea and tiger nut flours as alternatives to emulsifier and shortening in gluten-free bread. <i>LWT - Food Science and Technology</i> , 2015, 62, 225-232.	2.5	86
5	Feeding Soybean Oil to Dairy Goats Increases Conjugated Linoleic Acid in Milk. <i>Journal of Dairy Science</i> , 2008, 91, 2399-2407.	1.4	72
6	Effects of Once Versus Twice Daily Milking Throughout Lactation on Milk Yield and Milk Composition in Dairy Goats. <i>Journal of Dairy Science</i> , 2003, 86, 1673-1680.	1.4	69
7	Effects of dietary supplements of zinc-methionine on milk production, udder health and zinc metabolism in dairy goats. <i>Journal of Dairy Research</i> , 2003, 70, 9-17.	0.7	68
8	The Enhanced Vegetation Index (EVI) as a proxy for diet quality and composition in a mountain ungulate. <i>Ecological Indicators</i> , 2016, 61, 658-666.	2.6	55
9	Effect of Milking Interval on Milk Secretion and Mammary Tight Junction Permeability in Dairy Ewes. <i>Journal of Dairy Science</i> , 2008, 91, 2610-2619.	1.4	42
10	Determination of Fat, Protein, and Total Solids in Ovine Milk by Near-Infrared Spectroscopy. <i>Journal of AOAC INTERNATIONAL</i> , 1999, 82, 753-758.	0.7	32
11	Effect of tiger nut-derived products in gluten-free batter and bread. <i>Food Science and Technology International</i> , 2015, 21, 323-331.	1.1	32
12	Effect of different milking intervals on the composition of cisternal and alveolar milk in dairy cows. <i>Journal of Dairy Research</i> , 2004, 71, 304-310.	0.7	31
13	Detection of low-level gluten content in flour and batter by near infrared reflectance spectroscopy (NIRS). <i>Journal of Cereal Science</i> , 2012, 56, 490-495.	1.8	29
14	Effects of adding a mixture of malate and yeast culture ( <i>Saccharomyces cerevisiae</i> ) on milk production of Murciano-Granadina dairy goats. <i>Animal Research</i> , 2002, 51, 295-303.	0.6	28
15	Predicting seasonal and spatial variations in diet quality of Pyrenean chamois ( <i>Rupicapra pyrenaica</i> ) Tj ETQq1 1 0.784314 rgBT /Overlo 59, 115-121.	0.7	27
16	Chestnut flour sourdough for gluten-free bread making. <i>European Food Research and Technology</i> , 2016, 242, 1795-1802.	1.6	27
17	Determination of Fat, Protein, Casein, Total Solids, and Somatic Cell Count in Goat's Milk by Near-Infrared Reflectance Spectroscopy. <i>Journal of AOAC INTERNATIONAL</i> , 2003, 86, 746-752.	0.7	26
18	Changes in Alveolar and Cisternal Compartments Induced by Milking Interval in the Udder of Dairy Ewes. <i>Journal of Dairy Science</i> , 2008, 91, 3403-3411.	1.4	25

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19	Predicting herbivore faecal nitrogen using a multispecies near-infrared reflectance spectroscopy calibration. PLoS ONE, 2017, 12, e0176635.	1.1	24
20	CHARACTERIZATION OF CAROB FRUITS ( <i>Ceratonia siliqua</i> L.), CULTIVATED IN SPAIN FOR AGROINDUSTRIAL USE. Forests, Trees and Livelihoods, 1996, 9, 1-9.	0.2	21
21	Response of lactating dairy ewes to various levels of dietary calcium soaps of fatty acids. Animal Feed Science and Technology, 2006, 131, 312-332.	1.1	19
22	Biochar application as a win-win strategy to mitigate soil nitrate pollution without compromising crop yields: a case study in a Mediterranean calcareous soil. Journal of Soils and Sediments, 2020, 20, 220-233.	1.5	19
23	Long- and short-term effects of omitting two weekend milkings on the lactational performance and mammary tight junction permeability of dairy ewes. Journal of Dairy Science, 2009, 92, 3684-3695.	1.4	16
24	Prediction of bioactive compounds in barley by near-infrared reflectance spectroscopy (NIRS). Journal of Food Composition and Analysis, 2021, 97, 103763.	1.9	15
25	Grazing influences biomass production and protein content of alpine meadows. Science of the Total Environment, 2022, 818, 151771.	3.9	15
26	Response to Lactation Induction Differs by Season of Year and Breed of Dairy Ewes. Journal of Dairy Science, 2008, 91, 2299-2306.	1.4	13
27	Evaluation of near-infrared reflectance spectroscopy for predicting stover quality trait in semi-exotic populations of maize. Journal of the Science of Food and Agriculture, 1995, 69, 269-273.	1.7	12
28	Influence of Final Baking Technologies in Partially Baked Frozen Gluten-Free Bread Quality. Journal of Food Science, 2015, 80, E619-26.	1.5	12
29	Prediction of Cortisol and Progesterone Concentrations in Cow Hair Using Near-Infrared Reflectance Spectroscopy (NIRS). Applied Spectroscopy, 2017, 71, 1954-1961.	1.2	12
30	Lactational Responses of Heat-Stressed Dairy Goats to Dietary L-Carnitine Supplementation. Animals, 2019, 9, 567.	1.0	12
31	Performance of dairy ewes fed diets with a fibrolytic enzyme product included in the concentrate during the suckling period. Animal, 2008, 2, 962-968.	1.3	11
32	Determining changes in the nutritional condition of red deer in Mediterranean ecosystems: Effects of environmental, management and demographic factors. Ecological Indicators, 2018, 87, 261-271.	2.6	10
33	Use of near-infrared spectroscopy to predict energy content of commercial dog food1. Journal of Animal Science, 2012, 90, 4401-4407.	0.2	9
34	Near infrared reflectance spectroscopy (NIRS) for predicting glucocorticoid metabolites in lyophilised and oven-dried faeces of red deer. Ecological Indicators, 2014, 45, 522-528.	2.6	9
35	Determination of chemical composition of carob pods by near-infrared reflectance spectroscopy. Journal of the Science of Food and Agriculture, 1993, 63, 309-312.	1.7	8
36	Mammogenesis and Induced Lactation With or Without Reserpine in Nulliparous Dairy Goats. Journal of Dairy Science, 2007, 90, 3751-3757.	1.4	8

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37	Prediction of rumen degradability parameters of a wide range of forages and non-forages by NIRS. <i>Animal</i> , 2015, 9, 1163-1171.	1.3	8
38	Conditioned aversion to olive tree leaves ( <i>Olea europaea</i> L.) in goats and sheep. <i>Applied Animal Behaviour Science</i> , 2010, 128, 45-49.	0.8	7
39	Kinetics of lithium as a lithium chloride dose suitable for conditioned taste aversion in lactating goats and dry sheep1. <i>Journal of Animal Science</i> , 2015, 93, 562-569.	0.2	7
40	Interactions between biogeochemical and management factors explain soil organic carbon in Pyrenean grasslands. <i>Biogeosciences</i> , 2020, 17, 6033-6050.	1.3	7
41	Effect of breed and lithium chloride dose on the conditioned aversion to olive tree leaves ( <i>Olea</i> ) Tj ETQq1 1 0.784314 rrgBT /Overlock 10	0.8	6
42	Milk Production and Energetic Metabolism of Heat-Stressed Dairy Goats Supplemented with Propylene Glycol. <i>Animals</i> , 2020, 10, 2449.	1.0	6
43	Positive effect of spring advance on the diet quality of an alpine herbivore. <i>Integrative Zoology</i> , 2022, 17, 78-92.	1.3	6
44	Metabolic and behavior responses of lactating goats under heat stress. <i>Small Ruminant Research</i> , 2021, 203, 106496.	0.6	6
45	Methodological considerations for the use of faecal nitrogen to assess diet quality in ungulates: The Alpine ibex as a case study. <i>Ecological Indicators</i> , 2017, 82, 399-408.	2.6	5
46	<i>In vitro</i> fermentative characteristics of ruminant diets supplemented with fibrolytic enzymes and ranges of optimal endo- $\beta$ -1,4-glucanase activity. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2010, 94, 250-263.	1.0	4
47	Prediction of faecal output and hay intake by cattle from NIRS estimates of faecal concentrations of orally-dosed polyethyleneglycol. <i>Animal Feed Science and Technology</i> , 2014, 192, 48-61.	1.1	4
48	Effects of shearing 2 breeds of dairy ewes during lactation under mild winter conditions. <i>Journal of Dairy Science</i> , 2019, 102, 1712-1724.	1.4	3
49	Effect of Soybean Oil Supplementation on Milk Production, Digestibility, and Metabolism in Dairy Goats under Thermoneutral and Heat Stress Conditions. <i>Animals</i> , 2021, 11, 350.	1.0	3
50	Near Infrared Reflectance Spectroscopy Analysis to Predict Diet Composition of a Mountain Ungulate Species. <i>Animals</i> , 2021, 11, 1449.	1.0	2
51	How to Create Conditioned Taste Aversion for Grazing Ground Covers in Woody Crops with Small Ruminants. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	1
52	Using long-term averted goats for selective grazing in olive groves. <i>Animal</i> , 2017, 11, 1832-1838.	1.3	0