

Marta Miranda

List of Publications by Year in descending order

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95
papers

2,310
citations

218592

26
h-index

254106

43
g-index

95
all docs

95
docs citations

95
times ranked

2222
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactions between toxic (As, Cd, Hg and Pb) and nutritional essential (Ca, Co, Cr, Cu, Fe, Mn, Mo, Ni, Tj ETQq1	1.0,784314	169
2	Arsenic, cadmium, lead, copper and zinc in cattle from Galicia, NW Spain. <i>Science of the Total Environment</i> , 2000, 246, 237-248.	3.9	111
3	Organic acids as a substitute for monensin in diets for beef cattle. <i>Animal Feed Science and Technology</i> , 2004, 115, 101-116.	1.1	98
4	Effects of moderate pollution on toxic and trace metal levels in calves from a polluted area of northern Spain. <i>Environment International</i> , 2005, 31, 543-548.	4.8	92
5	Essential trace and toxic element concentrations in organic and conventional milk in NW Spain. <i>Food and Chemical Toxicology</i> , 2013, 55, 513-518.	1.8	91
6	Interactions Between Toxic and Essential Trace Metals in Cattle from a Region with Low Levels of Pollution. <i>Archives of Environmental Contamination and Toxicology</i> , 2002, 42, 165-172.	2.1	73
7	Toxic and essential metals in liver, kidney and muscle of pigs at slaughter in Galicia, north-west Spain. <i>Food Additives and Contaminants</i> , 2007, 24, 943-954.	2.0	70
8	Metal accumulation in cattle raised in a serpentine-soil area: Relationship between metal concentrations in soil, forage and animal tissues. <i>Journal of Trace Elements in Medicine and Biology</i> , 2009, 23, 231-238.	1.5	70
9	Mineral analysis in rabbit meat from Galicia (NW Spain). <i>Meat Science</i> , 2006, 73, 635-639.	2.7	65
10	Influence of copper status on the accumulation of toxic and essential metals in cattle. <i>Environment International</i> , 2006, 32, 901-906.	4.8	64
11	Toxic and trace elements in liver, kidney and meat from cattle slaughtered in Galicia (NW Spain). <i>Food Additives and Contaminants</i> , 2000, 17, 447-457.	2.0	59
12	Cattle as Biomonitors of Soil Arsenic, Copper, and Zinc Concentrations in Galicia (NW Spain). <i>Archives of Environmental Contamination and Toxicology</i> , 2002, 43, 103-108.	2.1	59
13	Consumers' perception of and attitudes towards organic food in Galicia (Northern Spain). <i>International Journal of Consumer Studies</i> , 2020, 44, 206-219.	7.2	53
14	Chemometric authentication of the organic status of milk on the basis of trace element content. <i>Food Chemistry</i> , 2018, 240, 686-693.	4.2	48
15	The use of seaweed from the Galician coast as a mineral supplement in organic dairy cattle. <i>Animal</i> , 2014, 8, 580-586.	1.3	47
16	The Effect of Pig Farming on Copper and Zinc Accumulation in Cattle in Galicia (North-Western Spain). <i>Veterinary Journal</i> , 2000, 160, 259-266.	0.6	45
17	Assessment of Some Blood Parameters as Potential Markers of Hepatic Copper Accumulation in Cattle. <i>Journal of Veterinary Diagnostic Investigation</i> , 2006, 18, 71-75.	0.5	42
18	Worldwide Traceability of Antibiotic Residues from Livestock in Wastewater and Soil: A Systematic Review. <i>Animals</i> , 2022, 12, 60.	1.0	41

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19	Use of dogs as indicators of metal exposure in rural and urban habitats in NW Spain. <i>Science of the Total Environment</i> , 2007, 372, 668-675.	3.9	40
20	The role of metallothionein and zinc in hepatic copper accumulation in cattle. <i>Veterinary Journal</i> , 2005, 169, 262-267.	0.6	34
21	Copper Supplementation, A Challenge in Cattle. <i>Animals</i> , 2020, 10, 1890.	1.0	33
22	Values of plasma lipid hydroperoxides and total antioxidant status in healthy dairy cows: preliminary observations. <i>Archives Animal Breeding</i> , 2003, 46, 227-233.	0.5	33
23	Mercury concentrations in cattle from NW Spain. <i>Science of the Total Environment</i> , 2003, 302, 93-100.	3.9	32
24	Factors affecting trace element status in calves in NW Spain. <i>Livestock Science</i> , 2009, 123, 198-208.	0.6	32
25	Seasonal Variation of the Proximate Composition, Mineral Content, Fatty Acid Profiles and Other Phytochemical Constituents of Selected Brown Macroalgae. <i>Marine Drugs</i> , 2021, 19, 204.	2.2	32
26	Effect of type of muscle and Cu supplementation on trace element concentrations in cattle meat. <i>Food and Chemical Toxicology</i> , 2011, 49, 1443-1449.	1.8	31
27	Contribution of cattle products to dietary intake of trace and toxic elements in Galicia, Spain. <i>Food Additives and Contaminants</i> , 2002, 19, 533-541.	2.0	26
28	Essential and toxic trace element concentrations in different commercial veal cuts in Spain. <i>Meat Science</i> , 2016, 121, 47-52.	2.7	25
29	Dietary Zinc Supplementation to Prevent Chronic Copper Poisoning in Sheep. <i>Animals</i> , 2018, 8, 227.	1.0	25
30	Breeding for organic dairy farming: what types of cows are needed?. <i>Journal of Dairy Research</i> , 2019, 86, 3-12.	0.7	25
31	Toxic and essential trace element concentrations in fish species in the Lower Amazon, Brazil. <i>Science of the Total Environment</i> , 2020, 732, 138983.	3.9	25
32	Large-scale spatial variation in mercury concentrations in cattle in NW Spain. <i>Environmental Pollution</i> , 2003, 125, 173-181.	3.7	24
33	Trace mineral status and toxic metal accumulation in extensive and intensive pigs in NW Spain. <i>Livestock Science</i> , 2012, 146, 47-53.	0.6	24
34	Identifying sources of metal exposure in organic and conventional dairy farming. <i>Chemosphere</i> , 2017, 185, 1048-1055.	4.2	23
35	Evaluation of trace element status of organic dairy cattle. <i>Animal</i> , 2018, 12, 1296-1305.	1.3	22
36	Non-essential and essential trace element concentrations in meat from cattle reared under organic, intensive or conventional production systems. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2010, 27, 36-42.	1.1	21

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37	Long-term Follow-up of Blood Lead Levels and Haematological and Biochemical Parameters in Heifers that Survived an Accidental Lead Poisoning Episode. <i>Transboundary and Emerging Diseases</i> , 2006, 53, 305-310.	0.6	20
38	Toxic and trace metal concentrations in liver and kidney of dogs. <i>Biological Trace Element Research</i> , 2007, 116, 185-202.	1.9	20
39	Trace Element Concentrations in Beef Cattle Related to the Breed Aptitude. <i>Biological Trace Element Research</i> , 2018, 186, 135-142.	1.9	20
40	Evaluation of the need of copper supplementation in intensively reared beef cattle. <i>Livestock Science</i> , 2011, 137, 273-277.	0.6	18
41	Evaluation of organic, conventional and intensive beef farm systems: health, management and animal production. <i>Animal</i> , 2012, 6, 1503-1511.	1.3	18
42	Intracellular distribution of copper and zinc in the liver of copper-exposed cattle from northwest Spain. <i>Veterinary Journal</i> , 2005, 170, 332-338.	0.6	17
43	Fish tissues for biomonitoring toxic and essential trace elements in the Lower Amazon. <i>Environmental Pollution</i> , 2021, 283, 117024.	3.7	17
44	Validation of a simple sample preparation method for multielement analysis of bovine serum. <i>PLoS ONE</i> , 2019, 14, e0211859.	1.1	16
45	Copper, Zinc, Iron, and Manganese Accumulation in Cattle from Asturias (Northern Spain). <i>Biological Trace Element Research</i> , 2006, 109, 135-144.	1.9	15
46	Variations in liver and blood copper concentrations in young beef cattle raised in north-west Spain: associations with breed, sex, age and season. <i>Animal Science</i> , 2006, 82, 253-258.	1.3	15
47	Influence of breed on blood and tissue copper status in growing and finishing steers fed diets supplemented with copper. <i>Archives of Animal Nutrition</i> , 2010, 64, 98-110.	0.9	15
48	Histochemistry evaluation of the oxidative stress and the antioxidant status in Cu-supplemented cattle. <i>Animal</i> , 2012, 6, 1435-1443.	1.3	15
49	Cadmium levels in liver, kidney and meat in calves from Asturias (North Spain). <i>European Food Research and Technology</i> , 2001, 212, 426-430.	1.6	14
50	Hepatic concentrations of copper and other metals in dogs with and without chronic hepatitis. <i>Journal of Small Animal Practice</i> , 2016, 57, 703-709.	0.5	14
51	Determination of Essential and Toxic Elements in Cattle Blood: Serum vs Plasma. <i>Animals</i> , 2019, 9, 465.	1.0	14
52	Importancia del estrés oxidativo en ganado vacuno: en relación con el estado fisiológico (preñez y lactancia). <i>Revista Colombiana de Ciencias Exactas, Físicas y Naturales</i> , 2019, 42, 1-14.	0.2	14
53	The Interlobular Distribution of Copper in the Liver of Beef Calves on a High-Copper Diet. <i>Journal of Veterinary Diagnostic Investigation</i> , 2010, 22, 277-281.	0.5	13
54	Toxic and essential trace element concentrations in the freshwater shrimp <i>Macrobrachium amazonicum</i> in the Lower Amazon, Brazil. <i>Journal of Food Composition and Analysis</i> , 2020, 86, 103361.	1.9	13

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55	Influence of Cu supplementation on toxic and essential trace element status in intensive reared beef cattle. <i>Food and Chemical Toxicology</i> , 2011, 49, 3358-3366.	1.8	12
56	Some toxic elements in liver, kidney and meat from calves slaughtered in Asturias (Northern Spain). <i>European Food Research and Technology</i> , 2003, 216, 284-289.	1.6	11
57	Effect of moderate Cu supplementation on serum metabolites, enzymes and redox state in feedlot calves. <i>Research in Veterinary Science</i> , 2012, 93, 269-274.	0.9	11
58	Morphology and Amplitude Values of the P and T Waves in the Electrocardiograms of Spanish Bred Horses of Different Ages. <i>Transboundary and Emerging Diseases</i> , 1999, 46, 225-230.	0.6	10
59	Use of homeopathy in organic dairy farming in Spain. <i>Homeopathy</i> , 2016, 105, 102-108.	0.5	10
60	Holstein-Friesian milk performance in organic farming in North Spain: Comparison with other systems and breeds. <i>Spanish Journal of Agricultural Research</i> , 2017, 15, e0601.	0.3	10
61	The involvement of metallothionein in hepatic and renal Cd, Cu and Zn accumulation in pigs. <i>Livestock Science</i> , 2012, 150, 152-158.	0.6	9
62	Is lack of antibiotic usage affecting udder health status of organic dairy cattle?. <i>Journal of Dairy Research</i> , 2016, 83, 464-467.	0.7	9
63	Subcellular distribution of hepatic copper in beef cattle receiving high copper supplementation. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 42, 111-116.	1.5	9
64	Physicochemical and sensorial evaluation of new varieties of acerola. <i>British Food Journal</i> , 2009, 111, 387-395.	1.6	8
65	Xanthine Nephrolithiasis in a Galician Blond Beef Calf. <i>Journal of Veterinary Medical Science</i> , 2010, 72, 921-923.	0.3	8
66	Organic cattle products: Authenticating production origin by analysis of serum mineral content. <i>Food Chemistry</i> , 2018, 264, 210-217.	4.2	8
67	Toxic and essential trace element concentrations in different tissues of extensively reared sheep in northern Spain. <i>Journal of Food Composition and Analysis</i> , 2021, 96, 103709.	1.9	8
68	Effects of different strategies of mineral supplementation (marine algae alone or combined with) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 836-843.	1.0	7
69	Importance of breed aptitude (beef or dairy) in determining trace element concentrations in bovine muscles. <i>Meat Science</i> , 2018, 145, 101-106.	2.7	7
70	Serum Concentrations of Essential Trace and Toxic Elements in Healthy and Disease-Affected Dogs. <i>Animals</i> , 2020, 10, 1052.	1.0	7
71	Effect of sex on arsenic, cadmium, lead, copper and zinc accumulation in calves. <i>Veterinary and Human Toxicology</i> , 2000, 42, 265-8.	0.3	7
72	Chemometric characterization of the trace element profile of raw meat from Rubia Gallega x Holstein Friesian calves from an intensive system. <i>Meat Science</i> , 2019, 149, 63-69.	2.7	6

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73	Dairy cow nutrition in organic farming systems. Comparison with the conventional system. <i>Animal</i> , 2019, 13, 1084-1093.	1.3	6
74	Zinc supplementation improves growth performance in small ruminants: a systematic review and meta-regression analysis. <i>Animal Production Science</i> , 2021, 61, 621-629.	0.6	6
75	Effect of physiological stage and nutritional management on some serum metabolite concentrations in Assaf ovine breed. <i>Archives Animal Breeding</i> , 1999, 42, 377-386.	0.5	6
76	Relationship between the essential and toxic element concentrations and the proximate composition of different commercial and internal cuts of young beef. <i>European Food Research and Technology</i> , 2017, 243, 1869-1873.	1.6	5
77	Characterization of the Normal Portal and Hepatic Blood Flow of Adult Holstein-Friesian Cows. <i>Animals</i> , 2019, 9, 386.	1.0	5
78	A Different Point of View of Glutathione Peroxidase: its Relationship to the Metabolic Changes Associated with Nutritional Management in Assaf ovine breed. <i>Archives Animal Breeding</i> , 2001, 44, 305-312.	0.5	5
79	Organochlorine Pesticide and Polychlorinated Biphenyl in Calves from North-West Spain. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008, 81, 583-587.	1.3	4
80	Organic or conventional dairy farming in northern Spain: Impacts on cow reproductive performance. <i>Reproduction in Domestic Animals</i> , 2019, 54, 902-911.	0.6	4
81	Serum metabolite concentrations and enzyme activities in finishing bull calves fed different types of high-grain diets. <i>Archives Animal Breeding</i> , 2011, 54, 137-146.	0.5	4
82	On a type of evolution of self-referred and hereditary phenomena. <i>Aequationes Mathematicae</i> , 2006, 71, 253-268.	0.4	3
83	Variation in trace element content between liver lobes in cattle. How important is the sampling site?. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 52, 53-57.	1.5	3
84	Trace Element Levels in Serum Are Potentially Valuable Diagnostic Markers in Dogs. <i>Animals</i> , 2020, 10, 2316.	1.0	3
85	Helminth infections on organic dairy farms in Spain. <i>Veterinary Parasitology</i> , 2017, 243, 115-118.	0.7	2
86	Iron loading and secondary multi-trace element deficiency in a dairy herd fed silage grass grown on land fertilized with sewage sludge. <i>Environmental Science and Pollution Research</i> , 2019, 26, 36978-36984.	2.7	2
87	Breed performance in organic dairy farming in Northern Spain. <i>Reproduction in Domestic Animals</i> , 2020, 55, 93-104.	0.6	2
88	Influence of Haemolysis on the Mineral Profile of Cattle Serum. <i>Animals</i> , 2021, 11, 3336.	1.0	2
89	Analysis of Acid-Base Balance by Application of FencI's Equations in Sheep. <i>Journal of Applied Animal Research</i> , 1998, 14, 127-135.	0.4	1
90	Ultrasonography of Normal Adrenal Glands in Adult Holstein-Friesian Cows: A Pilot Study. <i>Animals</i> , 2020, 10, 1171.	1.0	1

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91	Toxic and trace metal concentrations in liver and kidney of dogs. <i>Biological Trace Element Research</i> , 2007, 116, 185-202.	1.9	1
92	Seasonal variation of glutathione peroxidase, CK and AST in sheep in a low-selenium region. <i>Journal of Animal and Feed Sciences</i> , 1997, 6, 343-351.	0.4	1
93	Short communication: The main factors affecting somatic cell count in organic dairy farming. <i>Spanish Journal of Agricultural Research</i> , 2018, 15, e06SC02.	0.3	1
94	Zinc supplementation in ruminant diets: efficacy, safety, and formulation. <i>CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources</i> , 0, , .	0.6	0
95	Transabdominal Renal Doppler Ultrasound in Healthy Adult Holstein-Friesian Cows: A Pilot Study. <i>Animals</i> , 2021, 11, 63.	1.0	0