Miguel Mourato

List of Publications by Year
in descending order

57 papers	1,127 citations	471061 17 h-index	454577 30 g-index
57 all docs	57 docs citations	57 times ranked	1573 citing authors

#	Article	IF	Citations
1	Effect of Heavy Metals in Plants of the Genus Brassica. International Journal of Molecular Sciences, 2015, 16, 17975-17998.	1.8	195
2	Growth and physiological responses to cadmium stress of two populations of Dittrichia viscosa (L.) Greuter. Journal of Hazardous Materials, 2013, 244-245, 555-562.	6.5	72
3	Effect of Excess Copper on Tomato Plants: Growth Parameters, Enzyme Activities, Chlorophyll, and Mineral Content. Journal of Plant Nutrition, 2006, 29, 2179-2198.	0.9	64
4	Comparative effects of different legume protein sources in weaned piglets: nutrient digestibility, intestinal morphology and digestive enzymes. Livestock Science, 2002, 74, 191-202.	1.2	57
5	Oxidative stress induced by cadmium in Nicotiana tabacum L.: effects on growth parameters, oxidative damage and antioxidant responses in different plant parts. Acta Physiologiae Plantarum, 2011, 33, 1375-1383.	1.0	55
6	Characterization of Plant Antioxidative System in Response to Abiotic Stresses: A Focus on Heavy Metal Toxicity. , 0, , .		43
7	Physiological responses of Lupinus luteus to different copper concentrations. Biologia Plantarum, 2009, 53, 105-111.	1.9	39
8	Phenolic compounds of â€˜Galega Vulgarâ€™ and â€˜CobranÃ§osaâ€™ olive oils along early ripening stages. Food Chemistry, 2016, 211, 51-58.	4.2	39
9	Nutrient digestibility of chickpea (Cicer arietinum L.) seeds and effects on the small intestine of weaned piglets. Animal Feed Science and Technology, 2001, 91, 197-212.	1.1	29
10	Effects of tryptamine on growth, ultrastructure, and oxidative stress of cyanobacteria and microalgae cultures. Hydrobiologia, 2010, 649, 195-206.	1.0	29
11	Response to oxidative stress induced by cadmium and copper in tobacco plants (Nicotiana tabacum) engineered with the trehalose-6-phosphate synthase gene (AtTPS1). Acta Physiologiae Plantarum, 2014, 36, 755-765.	1.0	29
12	CO2 efflux, CO2 concentration and photosynthetic refixation in stems of Eucalyptus globulus (Labill.). Journal of Experimental Botany, 2009, 60, 99-105.	2.4	26
13	Comparison of cadmium-induced oxidative stress in Brassica juncea in soil and hydroponic cultures. Plant and Soil, 2015, 388, 297-305.	1.8	25
14	Lupinus luteus, Vicia sativa and Lathyrus cicera as protein sources for piglets: ileal and total tract apparent digestibility of amino acids and antigenic effects. Animal Feed Science and Technology, 2001, 89, 1-16.	1.1	24
15	Cadmium accumulation and antioxidative defences inBrassica junceaL. Czern,Nicotiana tabacumL. andSolanum nigrumL.. International Journal of Environmental Analytical Chemistry, 2009, 89, 661-676.	1.8	23
16	The Effect of Cd Stress in Mineral Nutrient Uptake in Plants. , 2019, , 327-348.		23
17	Bioactive Compounds of Portuguese Virgin Olive Oils Discriminate Cultivar and Ripening Stage. JAOCS, Journal of the American Oil Chemists' Society, 2016, 93, 1137-1147.	0.8	19
18	Effect of Cd, Cr, Cu, Mn, Ni, Pb and Zn on seed germination and seedling growth of two lettuce cultivars (Lactuca sativa L.). Plant Physiology Reports, 2020, 25, 347-358.	0.7	19

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19	Mineral profiling of muscle and hepatic tissues of Australian Merino, Damara and Dorper lambs: Effect of weight loss. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 823-830.	1.0	19
20	Oxidative stress response in spinach plants induced by cadmium. Journal of Plant Nutrition, 2017, 40, 268-276.	0.9	18
21	Improvement in soil and sorghum health following the application of polyacrylate polymers to a Cd-contaminated soil. Journal of Hazardous Materials, 2010, 173, 570-575.	6.5	16
22	Effect of selenium on growth and antioxidant enzyme activities of wine related yeasts. World Journal of Microbiology and Biotechnology, 2015, 31, 1899-1906.	1.7	15
23	Antioxidant responses of edible and model plant species subjected to subtoxic zinc concentrations. Journal of Trace Elements in Medicine and Biology, 2018, 49, 261-268.	1.5	15
24	Assessing mineral status in edible tissues of domestic and game animals: a review with a special emphasis in tropical regions. Tropical Animal Health and Production, 2019, 51, 1019-1032.	0.5	15
25	Remediation of a Sandy Soil Contaminated with Cadmium, Nickel, and Zinc using an Insoluble Polyacrylate Polymer. Communications in Soil Science and Plant Analysis, 2006, 37, 1639-1649.	0.6	13
26	Undervalued Atlantic brown seaweed species (Cystoseira abies-marina and Zonaria tournefortii): influence of treatment on their nutritional and bioactive potential and bioaccessibility. European Food Research and Technology, 2021, 247, 221-232.	1.6	13
27	Influence of Chlorella vulgaris on growth, digestibility and gut morphology and microbiota of weaned piglet. Scientific Reports, 2022, 12, 6012.	1.6	13
28	Accession-specific life strategies affect responses in leaves of Arabidopsis thaliana plants exposed to excess Cu and Cd. Journal of Plant Physiology, 2018, 223, 37-46.	1.6	12
29	Influence of Feeding Weaned Piglets with Laminaria digitata on the Quality and Nutritional Value of Meat. Foods, 2022, 11, 1024.	1.9	12
30	Effect of Copper on Antioxidant Enzyme Activities and Mineral Nutrition of White Lupin Plants Grown in Nutrient Solution. Journal of Plant Nutrition, 2009, 32, 1882-1900.	0.9	11
31	The composition of the lipid, protein and mineral fractions of quail breast meat obtained from wild and farmed specimens of Common quail (Coturnix coturnix) and farmed Japanese quail (Coturnix) Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	
32	Environmental Quality in Urban Allotment Gardens: Atmospheric Deposition, Soil, Water and Vegetable Assessment at LISBON City. Water, Air, and Soil Pollution, 2018, 229, 1.	1.1	9
33	Co-Processed Olive Oils with Thymus mastichina L.â€"New Product Optimization. Life, 2021, 11, 1048.	1.1	9
34	Oxidative Stress Induced by Cadmium and Copper inBrassica rapaLeaves: Indicators of Stress, Oxidative Damage, and Antioxidant Mechanisms. Communications in Soil Science and Plant Analysis, 2015, 46, 2475-2489.	0.6	8
35	Amino acid profiles of muscle and liver tissues of Australian Merino, Damara and Dorper lambs under restricted feeding. Journal of Animal Physiology and Animal Nutrition, 2019, 103, 1295-1302.	1.0	8
36	Efficient regulation of copper homeostasis underlies accession-specific sensitivities to excess copper and cadmium in roots of Arabidopsis thaliana. Journal of Plant Physiology, 2021, 261, 153434.	1.6	8

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37	Stress response of lettuce (Lactuca sativa) to environmental contamination with selected pharmaceuticals: A proteomic study. Journal of Proteomics, 2021, 245, 104291.	1.2	8
38	Nutritional and chemical composition of different life stages of Tribolium castaneum (Herbst). Journal of Stored Products Research, 2021, 93, 101826.	1.2	8
39	Effect of Dietary Laminaria digitata with Carbohydrases on Broiler Production Performance and Meat Quality, Lipid Profile, and Mineral Composition. Animals, 2022, 12, 1007.	1.0	8
40	Chemical and microbiological contamination in limpets (Patella aspera) of the Portuguese coast. Food Control, 2021, 119, 107492.	2.8	7
41	The fat-tail of Damara sheep: an assessment of mineral content as influenced by weight loss. Animal Production Science, 2016, 56, 1492.	0.6	6
42	Acetaminophen Induces an Antioxidative Response in Lettuce Plants. Plants, 2021, 10, 1152.	1.6	6
43	Response to stress induced by different potentially toxic elements (As, Cd, Cu and Na) in rapeseed leaves. Plant Physiology Reports, 2021, 26, 478-490.	0.7	6
44	Characterization of Aspartate Aminotransferase Isoenzymes from Leaves of Lupinus albus L. cv Estoril. BMB Reports, 2002, 35, 220-227.	1.1	6
45	Density Measurements of Fluids and Their Mixtures at High Pressure. Chemical Engineering and Technology, 2007, 30, 689-694.	0.9	5
46	Antioxidative response of lettuce (Lactuca sativa) to carbamazepine-induced stress. Environmental Science and Pollution Research, 2021, 28, 45920-45932.	2.7	5
47	Effect on Broiler Production Performance and Meat Quality of Feeding Ulva lactuca Supplemented with Carbohydrases. Animals, 2022, 12, 1720.	1.0	5
48	Treptacantha abies-marina (S.G. Gmelin) KÃ¼tzing: Characterization and Application as a Whole Food Ingredient. Journal of Aquatic Food Product Technology, 2020, 29, 964-980.	0.6	4
49	Effect of Cattle Slurry on the Growth of Spinach Plants in Cd-contaminated Soil. Communications in Soil Science and Plant Analysis, 2020, 51, 1370-1381.	0.6	4
50	Metamitron and Shade Effects on Leaf Physiology and Thinning Efficacy of Malus Ã— domestica Borkh. Agronomy, 2020, 10, 1924.	1.3	3
51	Comparison between a Traditional (Horse Manure) and a Non-Conventional (Cork Powder) Organic Residue in the Uptake of Potentially Toxic Elements by Lettuce in Contaminated Soils. Environments - MDPI, 2021, 8, 45.	1.5	3
52	Automated isochoric apparatus for pressure, density, temperature measurements of binary gaseous mixtures at high temperatures. High Temperatures - High Pressures, 1999, 31, 91-98.	0.3	3
53	Effects of Substrate Structural Analogues on the Enzymatic Activities of Aspartate Aminotransferase Isoenzymes. Journal of Enzyme Inhibition and Medicinal Chemistry, 2001, 16, 251-257.	0.5	2
54	Combined effects of dietary Laminaria digitata with alginate lyase on plasma metabolites and hepatic lipid, pigment and mineral composition of broilers. BMC Veterinary Research, 2022, 18, 153.	0.7	2

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55	Dietary Chlorella vulgaris with aÂspecific enzyme mixture enriches pork in potassium and improves its sodium to potassium ratio. British Food Journal, 2022, ahead-of-print, .	1.6	1
56	PVT MEASUREMENTS OF BINARY GASEOUS MIXTURES AT HIGH TEMPERATURES AND PRESSURES. , 1998, , 311-321.		0
57	Effects of Metformin on Antioxidative Response of Lactuca sativa Plants. Biology and Life Sciences Forum, 2020, 4, .	0.6	0