

Darwin Ortiz

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

483
citations

1039406

9
h-index

839053

18
g-index

23
all docs

23
docs citations

23
times ranked

551
citing authors

#	ARTICLE	IF	CITATIONS
1	Research Note: Orange corn altered the cecal microbiome in laying hens. Poultry Science, 2022, 101, 101685.	1.5	1
2	Biofortified orange corn increases xanthophyll density and yolk pigmentation in egg yolks from laying hens. Poultry Science, 2021, 100, 101117.	1.5	18
3	Applied Research Note: "The impact of orange corn in laying hen diets on yolk pigmentation and xanthophyll carotenoid concentrations on a percent inclusion rate basis". Journal of Applied Poultry Research, 2021, , 100218.	0.6	1
4	Identification and Quantification of Carotenoids and Tocochromanols in Sorghum Grain by High-Performance Liquid Chromatography. Methods in Molecular Biology, 2019, 1931, 141-151.	0.4	4
5	Assessment of oxygen sequestration on effectiveness of Purdue Improved Crop Storage (PICS) bags in reducing carotenoid degradation during post-harvest storage of two biofortified orange maize genotypes. Journal of Cereal Science, 2019, 87, 68-77.	1.8	15
6	Steeping of Biofortified Orange Maize Genotypes for Ogi Production Modifies Pasting Properties and Carotenoid Stability. Agronomy, 2019, 9, 771.	1.3	4
7	High-density linkage mapping of vitamin E content in maize grain. Molecular Breeding, 2018, 38, 1.	1.0	10
8	Carotenoid Stability during Dry Milling, Storage, and Extrusion Processing of Biofortified Maize Genotypes. Journal of Agricultural and Food Chemistry, 2018, 66, 4683-4691.	2.4	27
9	Genetic analysis of provitamin A carotenoid β -cryptoxanthin concentration and relationship with other carotenoids in maize grain (<i>Zea mays</i> L.). Molecular Breeding, 2017, 37, 1.	1.0	9
10	Molecular analysis of the expression of a crtB transgene and the endogenous psy2-y 1 and psy2-y 2 genes of cassava and their effect on root carotenoid content. Transgenic Research, 2017, 26, 639-651.	1.3	4
11	Nutritional Changes During Biofortified Maize Fermentation (Steeping) for Ogi Production. FASEB Journal, 2017, 31, 32.4.	0.2	7
12	Influence of Temperature and Humidity on the Stability of Carotenoids in Biofortified Maize (<i>Zea mays</i> L.). Journal of Agricultural and Food Chemistry, 2016, 64, 2727-2736.	2.4	56
13	Influence of temperature and humidity on the stability of carotenoids in biofortified maize genotypes. FASEB Journal, 2016, 30, 914.3.	0.2	0
14	Prediction of carotenoids, cyanide and dry matter contents in fresh cassava root using NIRS and Hunter color techniques. Food Chemistry, 2014, 151, 444-451.	4.2	84
15	Rapid Cycling Recurrent Selection for Increased Carotenoids Content in Cassava Roots. Crop Science, 2013, 53, 2342-2351.	0.8	80
16	Comparison between <i>in vitro</i> and <i>in vivo</i> methods to screen iron bioavailability. CYTA - Journal of Food, 2012, 10, 103-111.	0.9	5
17	Spatial distribution of dry matter in yellow fleshed cassava roots and its influence on carotenoid retention upon boiling. Food Research International, 2012, 45, 52-59.	2.9	35
18	EVALUACIÓN DE LA COMPOSICIÓN NUTRICIONAL, ANTINUTRICIONAL Y BIODISPONIBILIDAD IN VITRO DE DIFERENTES EXTRACTOS FOLIARES. Revista Chilena De Nutricion, 2011, 38, 168-176.	0.1	3

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19	Nutrient Profile of Native Foods Consumed by Indigenous Colombians. FASEB Journal, 2011, 25, lb241.	0.2	0
20	Tolerance to Postharvest Physiological Deterioration in Cassava Roots. Crop Science, 2010, 50, 1333-1338.	0.8	94
21	Iron, Zinc, and Protein Bioavailability Proxy Measures of Meals Prepared with Nutritionally Enhanced Beans and Maize. Journal of Food Science, 2009, 74, H147-54.	1.5	24