

# Juan F GÃ³mez-Leyva

## List of Publications by Year in descending order

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26  
papers

622  
citations

1040018

9  
h-index

642715

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

990  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of phenolic compounds, anthocyanidin, antioxidant and antimicrobial activity of 25 varieties of Mexican Roselle ( <i>Hibiscus sabdariffa</i> ). <i>Industrial Crops and Products</i> , 2015, 69, 385-394.	5.2	165
2	Effects of <i>Hibiscus sabdariffa</i> extract powder and preventive treatment (diet) on the lipid profiles of patients with metabolic syndrome (MeSy). <i>Phytomedicine</i> , 2010, 17, 500-505.	5.3	102
3	Effect of the Temperature on the Spray Drying of Roselle Extracts ( <i>Hibiscus sabdariffa</i> L.). <i>Plant Foods for Human Nutrition</i> , 2009, 64, 62-67.	3.2	50
4	The overexpression of an <i>Amaranthus hypochondriacus</i> NF-YC gene modifies growth and confers water deficit stress resistance in <i>Arabidopsis</i> . <i>Plant Science</i> , 2015, 240, 25-40.	3.6	48
5	Progress and recent trends in photosynthetic assisted microbial fuel cells: A review. <i>Biomass and Bioenergy</i> , 2021, 148, 106028.	5.7	48
6	Expression of the 1-SST and 1-FFT genes and consequent fructan accumulation in <i>Agave tequilana</i> and <i>A. inaequidens</i> is differentially induced by diverse (a)biotic-stress related elicitors. <i>Journal of Plant Physiology</i> , 2014, 171, 359-372.	3.5	42
7	Impact of <i>Opuntia</i> species plant bio-battery in a semi-arid environment: Demonstration of their applications. <i>Applied Energy</i> , 2020, 279, 115788.	10.1	36
8	AhDGR2, an amaranth abiotic stress-induced DUF642 protein gene, modifies cell wall structure and composition and causes salt and ABA hyper-sensibility in transgenic <i>Arabidopsis</i> . <i>Planta</i> , 2017, 245, 623-640.	3.2	34
9	Multiple Shoot Regeneration of Roselle ( <i>Hibiscus sabdariffa</i> L.) from a Shoot Apex Culture System. <i>International Journal of Botany</i> , 2008, 4, 326-330.	0.2	24
10	Differential fructan accumulation and expression of fructan biosynthesis, invertase and defense genes is induced in <i>Agave tequilana</i> plantlets by sucrose or stress-related elicitors. <i>Agri Gene</i> , 2016, 2, 17-28.	1.9	9
11	Effect of ammonium nitrate on novel cactus pear genotypes aided by biobattery in a semi-arid ecosystem. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 49, 101730.	2.7	9
12	Effect of aguamiel (agave sap) on hematic biometry in rabbits and its antioxidant activity determination. <i>Italian Journal of Animal Science</i> , 2011, 10, e21.	1.9	8
13	Bifunctional $\alpha$ -amylase/trypsin inhibitor activity previously ascribed to the 22 KDa TL protein, resided in a contaminant protein of 14 KDa. <i>Journal of Plant Physiology</i> , 2001, 158, 177-183.	3.5	7
14	Conjugated Bilirubin Differentially Regulates CD4+ T Effector Cells and T Regulatory Cell Function through Outside-In and Inside-Out Mechanisms: The Effects of HAV Cell Surface Receptor and Intracellular Signaling. <i>Mediators of Inflammation</i> , 2016, 2016, 1-15.	3.0	7
15	Molecular Variability among Isolates of <i>Fusarium oxysporum</i> Associated with Root Rot Disease of <i>Agave tequilana</i> . <i>Biochemical Genetics</i> , 2013, 51, 243-255.	1.7	6
16	Optimization of <i>Agave tequilana</i> Weber var. Azul Juice Spray Drying Process. <i>Journal of Chemistry</i> , 2014, 2014, 1-10.	1.9	6
17	Specific Polymerase Chain Reaction-Based Assay for the Identification of the Arbuscular Mycorrhizal Fungus <i>Glomus intraradices</i> . <i>Journal of Biological Sciences</i> , 2008, 8, 563-569.	0.3	5
18	Epidemiology of <i>Neospora caninum</i> infection in free-range chickens ( <i>Gallus gallus domesticus</i> ) in north central Mexico. <i>Parasitology Research</i> , 2021, 120, 3581-3586.	1.6	4

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19	INDUCTION OF ANTHOCYANINS AND PHENOLIC COMPOUNDS IN CELL CULTURES OF ROSELLE ( <i>Hibiscus</i> ) Tj ETQq1 1 0.784314 rgBT (C)	0.4	4
20	DIVERSIDAD GENÉTICA DE CHILE HABANERO ( <i>Capsicum chinense</i> Jacq.) MEDIANTE ISSR. <i>Revista Fitotecnia Mexicana</i> , 2018, 41, 227-236.	0.1	4
21	Capsaicinoid microencapsulation of chili pepper fruit ( <i>C. annuum</i> ) oleoresin by complex coacervation. <i>Journal of Food Measurement and Characterization</i> , 2018, 12, 278-284.	3.2	2
22	Detección de anticuerpos de <i>Neospora</i> spp. en caballos, asociados a diferentes factores de riesgo en México. <i>Revista Mexicana De Ciencias Pecuarias</i> , 2021, 12, 194-204.	0.4	1
23	Fases de desarrollo y propagación de ecotipos destacados de <i>Tithonia diversifolia</i> (Hemsl.) A. Gray. <i>Revista Mexicana De Ciencias Pecuarias</i> , 2021, 12, 811-827.	0.4	1
24	Biomass production and nutritional properties of promising genotypes of <i>Tithonia diversifolia</i> (Hemsl.) A. Gray under different environments. <i>Tropical Grasslands - Forrajes Tropicales</i> , 2021, 9, 280-291.	0.5	0
25	Genetic variation and antibiotic susceptibility among <i>Staphylococcus aureus</i> isolates from dairy products and food handlers. <i>African Journal of Microbiology Research</i> , 2011, 5, .	0.4	0
26	MARCADORES MOLECULARES ISSR PARA IDENTIFICACIÓN DE HIJUELOS DE AGAVES. <i>Revista Fitotecnia Mexicana</i> , 2022, 45, 75.	0.1	0