

Rosa Mara Oliart-Ros

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

973
citations

16
h-index

30
g-index

46
ext. papers

1,113
ext. citations

3.3
avg, IF

3.8
L-index

#	Paper	IF	Citations
42	Antioxidant activity, phenolic compounds and anthocyanins content of eighteen strains of Mexican maize. <i>LWT - Food Science and Technology</i> , 2009 , 42, 1187-1192	5.4	179
41	Screening, purification and characterization of the thermoalkalophilic lipase produced by <i>Bacillus thermoleovorans</i> CCR11. <i>Enzyme and Microbial Technology</i> , 2005 , 37, 648-654	3.8	159
40	Synthesis of flavor and fragrance esters using <i>Candida antarctica</i> lipase. <i>Applied Microbiology and Biotechnology</i> , 2004 , 65, 373-6	5.7	87
39	Reclassification of <i>Geobacillus pallidus</i> (Scholz et al. 1988) Banat et al. 2004 as <i>Aeribacillus pallidus</i> gen. nov., comb. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 1600-1604	2.2	77
38	Effects of fish oil on hypertension, plasma lipids, and tumor necrosis factor-alpha in rats with sucrose-induced metabolic syndrome. <i>Journal of Nutritional Biochemistry</i> , 2004 , 15, 350-7	6.3	76
37	Purification and characterization of cell wall-bound peroxidase from vanilla bean. <i>LWT - Food Science and Technology</i> , 2008 , 41, 1372-1379	5.4	30
36	Effect of microwaves and ultrasound on bioactive compounds and microbiological quality of blackberry juice. <i>LWT - Food Science and Technology</i> , 2018 , 87, 47-53	5.4	28
35	Gene cloning, expression, and characterization of the <i>Geobacillus Thermoleovorans</i> CCR11 thermoalkaliphilic lipase. <i>Molecular Biotechnology</i> , 2009 , 42, 75-83	3	27
34	Immobilization in the presence of Triton X-100: modifications in activity and thermostability of <i>Geobacillus thermoleovorans</i> CCR11 lipase. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2008 , 35, 1687-93	4.2	27
33	Blue Maize Extract Improves Blood Pressure, Lipid Profiles, and Adipose Tissue in High-Sucrose Diet-Induced Metabolic Syndrome in Rats. <i>Journal of Medicinal Food</i> , 2017 , 20, 110-115	2.8	24
32	Antioxidant and antiproliferative activity of blue corn and tortilla from native maize. <i>Chemistry Central Journal</i> , 2017 , 11, 110		20
31	Thermophilic bacteria from Mexican thermal environments: isolation and potential applications. <i>Environmental Technology (United Kingdom)</i> , 2010 , 31, 957-66	2.6	20
30	Nutritional composition of new Peanut (<i>Arachis hypogaea</i> L.) cultivars. <i>Grasas Y Aceites</i> , 2009 , 60, 161-167	3	20
29	Dietary anhydrous milk fat naturally enriched with conjugated linoleic acid and vaccenic acid modify cardiovascular risk biomarkers in spontaneously hypertensive rats. <i>International Journal of Food Sciences and Nutrition</i> , 2013 , 64, 575-86	3.7	19
28	Induction of Cd36 expression elicited by fish oil PUFA in spontaneously hypertensive rats. <i>Journal of Nutritional Biochemistry</i> , 2006 , 17, 760-5	6.3	19
27	Dietary fatty acids effects on sucrose-induced cardiovascular syndrome in rats. <i>Journal of Nutritional Biochemistry</i> , 2001 , 12, 207-212	6.3	16
26	Plants as a green alternative for alcohol preparation from aromatic aldehydes. <i>Biotechnology and Bioprocess Engineering</i> , 2010 , 15, 441-445	3.1	15

25	Effect of high hydrostatic pressure on the physiology of Manila mango. <i>Plant Foods for Human Nutrition</i> , 2013 , 68, 137-44	3.9	11
24	Significant improvement of <i>Geobacillus thermoleovorans</i> CCR11 thermoalkalophilic lipase production using response surface methodology. <i>New Biotechnology</i> , 2011 , 28, 761-6	6.4	10
23	Synthesis of chiral alpha-hydroxy amides by two sequential enzymatic catalyzed reactions. <i>Applied Microbiology and Biotechnology</i> , 2007 , 75, 297-302	5.7	10
22	Immunohistochemical demonstration of androgen-binding protein in the rat prostatic gland. <i>Biology of Reproduction</i> , 1991 , 45, 417-23	3.9	10
21	Fatty acid composition and some physicochemical characteristics of <i>Sterculia apetala</i> seed oils. <i>Grasas Y Aceites</i> , 2014 , 65, e039	1.3	9
20	A Canola Oil-Supplemented Diet Prevents Type I Diabetes-Caused Lipotoxicity and Renal Dysfunction in a Rat Model. <i>Journal of Medicinal Food</i> , 2016 , 19, 1041-1047	2.8	8
19	Gene Cloning and Characterization of the <i>Geobacillus thermoleovorans</i> CCR11 Carboxylesterase CaesCCR11, a New Member of Family XV. <i>Molecular Biotechnology</i> , 2016 , 58, 37-46	3	8
18	Dietary n-3 polyunsaturated fatty acids modify fatty acid composition in hepatic and abdominal adipose tissue of sucrose-induced obese rats. <i>Journal of Physiology and Biochemistry</i> , 2011 , 67, 595-604	5	8
17	Improved expression and immobilization of <i>Geobacillus thermoleovorans</i> CCR11 thermostable recombinant lipase. <i>Biotechnology and Applied Biochemistry</i> , 2017 , 64, 62-69	2.8	7
16	Anthocyanins of Blue Corn and Tortilla Arrest Cell Cycle and Induce Apoptosis on Breast and Prostate Cancer Cells. <i>Nutrition and Cancer</i> , 2020 , 72, 768-777	2.8	7
15	Behavioral Effect of <i>Sterculia apetala</i> Seed Oil Consumption in Male Zucker Rats. <i>Journal of Medicinal Food</i> , 2017 , 20, 1133-1139	2.8	6
14	Genetic polymorphism of the human sex hormone-binding globulin: evidence of an isoelectric focusing variant with normal androgen-binding affinities. <i>The Journal of Steroid Biochemistry</i> , 1990 , 36, 541-8		6
13	Utilizaci3n de microorganismos de ambientes extremos y sus productos en el desarrollo biotecnol3gico. <i>CienciaUAT</i> , 2016 , 11, 79	0.5	6
12	Preventive Action of Sterculic Oil on Metabolic Syndrome Development on a Fructose-Induced Rat Model. <i>Journal of Medicinal Food</i> , 2020 , 23, 305-311	2.8	6
11	Bitter taste perception and TAS2R38 genotype: effects on taste sensitivity, food consumption and anthropometry in Mexican adults. <i>Flavour and Fragrance Journal</i> , 2016 , 31, 310-318	2.5	4
10	High hydrostatic pressure induces synthesis of heat-shock proteins and trehalose-6-phosphate synthase in <i>Anastrepha ludens</i> larvae. <i>Archives of Insect Biochemistry and Physiology</i> , 2013 , 82, 196-212	2.3	4
9	Enzymatic reactions and synthesis of n-butyl caproate: esterification, transesterification and aminolysis using a recombinant lipase from <i>Geobacillus thermoleovorans</i> CCR11. <i>Environmental Technology (United Kingdom)</i> , 2010 , 31, 1101-6	2.6	3
8	Beneficial effects of an algal oil rich in 6 polyunsaturated fatty acids on locomotor function and D dopamine receptor in haloperidol-induced parkinsonism. <i>Nutritional Neuroscience</i> , 2020 , 1-11	3.6	2

7	Comparative Effect between Sardine Oil and Fish Oil Rich in Omega-3 Fatty Acids on Hypertension and the Membrane Composition of Adipocytes in SHR Rats. <i>Journal of Nutritional Science and Vitaminology</i> , 2018 , 64, 179-184	1.1	1
6	Inhibition of Stearoyl-CoA Desaturase by Sterculic Oil Reduces Proliferation and Induces Apoptosis in Prostate Cancer Cell Lines. <i>Nutrition and Cancer</i> , 2021 , 1-14	2.8	1
5	Polypropylene as a selective support for the immobilization of lipolytic enzymes: hyper-activation, purification and biotechnological applications. <i>Journal of Chemical Technology and Biotechnology</i> ,	3.5	1
4	Mechanochemo-enzymatic Synthesis of Aromatic Aldehyde Oxime Esters. <i>Natural Product Communications</i> , 2018 , 13, 1934578X1801300	0.9	0
3	Impact of blackberry juice on biochemical and histopathological profile in Wistar rats fed with a high-sucrose and high-cholesterol diet. <i>CYTA - Journal of Food</i> , 2020 , 18, 359-366	2.3	
2	Metagenomic Approach to Bacterial Diversity and Lipolytic Enzymes Genes from a Steam Soil of Los Humeros Geothermal Field (Puebla, México). <i>Geomicrobiology Journal</i> , 2021 , 38, 304-314	2.5	
1	Presence of antinutritional factors in legumes. <i>Revista De Ingenieria Innovativa</i> ,6-13		