Maira Segura-Campos

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6063473/publications.pdf

Version: 2024-02-01

114 papers 2,299 citations

26 h-index

218381

42 g-index

126 all docs

126 docs citations

times ranked

126

3021 citing authors

#	Article	IF	CITATIONS
1	<i>Cnidoscolus Aconitifolius</i> (i>(Mill.) I.M. Johnst.: A Food Proposal Against Thromboembolic Diseases. Food Reviews International, 2023, 39, 1377-1410.	4.3	1
2	Traditional and Novel Computer-Aided Drug Design (CADD) Approaches in the Anticancer Drug Discovery Process. Current Cancer Drug Targets, 2023, 23, 333-345.	0.8	9
3	Amaranth, quinoa and chia bioactive peptides: a comprehensive review on three ancient grains and their potential role in management and prevention of Type 2 diabetes. Critical Reviews in Food Science and Nutrition, 2022, 62, 2707-2721.	5.4	40
4	Proteins and peptides from vegetable food sources as therapeutic adjuvants for the type 2 diabetes mellitus. Critical Reviews in Food Science and Nutrition, 2022, 62, 2673-2682.	5.4	10
5	Bioactive Phytochemicals from Chia Seed (Salvia hispanica) Oil Processing By-Products. Reference Series in Phytochemistry, 2022, , 1-25.	0.2	3
6	<i>Salvia hispanica</i> L. Seed Oil: Effect on Cell Viability in Colon Cancer Line Caco2 and Breast Cancer Line MCF7. Journal of Medicinal Food, 2022, , .	0.8	0
7	In silico prediction of peptide variants from chia (S. hispanica L.) with antimicrobial, antibiofilm, and antioxidant potential. Computational Biology and Chemistry, 2022, 98, 107695.	1.1	12
8	Combination therapy of bioactive compounds with acarbose: A proposal to control hyperglycemia in type 2 diabetes. Journal of Food Biochemistry, 2022, 46, .	1.2	7
9	Antibacterial peptide fractions from chia seeds (Salvia hispanica L.) and their stability to food processing conditions. Journal of Food Science and Technology, 2022, 59, 4332-4340.	1.4	7
10	Bioactive Peptides as Therapeutic Adjuvants for Cancer. Nutrition and Cancer, 2021, 73, 1309-1321.	0.9	18
11	Renal and Hepatic Disease: <i>Cnidoscolus aconitifolius < li>as Diet Therapy Proposal for Prevention and Treatment. Journal of the American College of Nutrition, 2021, 40, 646-664.</i>	1.1	3
12	A study on nutritional and functional study properties of Mayan plant foods as a new proposal for type 2 diabetes prevention. Food Chemistry, 2021, 341, 128247.	4.2	15
13	Effect of the use of ethanol and chia mucilage on the obtainment and technoâ€functional properties of chia oil nanoemulsions. Journal of Food Processing and Preservation, 2021, 45, e15181.	0.9	5
14	Antihyperglycemic and hypoglycemic activity of Mayan plant foods in rodent models. Journal of the Science of Food and Agriculture, 2021, 101, 4193-4200.	1.7	3
15	Chia protein hydrolysates: characterisation and emulsifying properties. International Journal of Food Science and Technology, 2021, 56, 3546-3555.	1.3	2
16	Honey and its protein components: Effects in the cancer immunology. Journal of Food Biochemistry, 2021, 45, e13613.	1.2	8
17	Mucuna pruriens fiber: nutritional, functional and biological properties. Food Science and Technology, 2021, 41, 120-126.	0.8	6
18	Leishmanicidal Activity and Immunomodulatory Effect of a Mixture of Lupenone and \hat{l}^2 -Caryophyllene Oxide. Revista Brasileira De Farmacognosia, 2021, 31, 199-206.	0.6	4

#	Article	IF	CITATIONS
19	Anticancer activity of protein fractions from chia (<i>Salvia hispanica L</i> .). Journal of Food Science, 2021, 86, 2861-2871.	1.5	11
20	Antidiabetic and hypotensive effect of Cnidoscolus aconitifolius (Mill) I.M Johnst leaves extracts. Journal of Food Measurement and Characterization, 2021, 15, 5245-5255.	1.6	4
21	Antithrombotic Study and Identification of Metabolites in Leaf Extracts of Chaya [<i>Cnidoscolus aconitifolius</i> (Mill.) I.M. Johnst.]. Journal of Medicinal Food, 2021, 24, 1304-1312.	0.8	4
22	Cabbage (<i>Brassica oleracea</i> var. <i>capitata</i>): A food with functional properties aimed to type 2 diabetes prevention and management. Journal of Food Science, 2021, 86, 4775-4798.	1.5	16
23	Antioxidant Activity of Polyphenols Extracted From Hop Used in Craft Beer. , 2020, , 283-310.		9
24	Effect of ultra-processed diet on gut microbiota and thus its role in neurodegenerative diseases. Nutrition, 2020, 71, 110609.	1.1	76
25	Foods from Mayan Communities of Yucatán as Nutritional Alternative for Diabetes Prevention. Journal of Medicinal Food, 2020, 23, 349-357.	0.8	6
26	Effect of Chia Seed Oil (Salvia hispanica L.) on Cell Viability in Breast Cancer Cell MCF-7. Proceedings (mdpi), 2020, 53, 18.	0.2	1
27	Neuroprotective Effect Of Peptide Fractions from Chia (Salvia hispanica) on H2O2-Induced Oxidative Stress-Mediated Neuronal Damage on N1E-115 Cell Line. Neurochemical Research, 2020, 45, 2278-2285.	1.6	7
28	Review of antimicrobial peptides as promoters of food safety: Limitations and possibilities within the food industry. Journal of Food Safety, 2020, 40, e12854.	1.1	31
29	Biopeptides with Neuroprotective Effect in the Treatment of Neuroinflammation Induced by Adiposity-based Chronic Disease. Food Reviews International, 2020, , 1-16.	4.3	1
30	Physicochemical, thermal, mechanical, optical, and barrier characterization of chia (<i>Salvia) Tj ETQq0 0 0 rgBT / 892-902.</i>	Overlock : 1.5	10 Tf 50 307 14
31	Phenolic compounds and major steviol glucosides by HPLC-DAD-RP and invitro evaluation of the biological activity of aqueous and ethanolic extracts of leaves and stems: S. rebaudiana Bertoni (creole variety INIFAP CO1). International Journal of Food Properties, 2020, 23, 199-212.	1.3	3
32	Neuroprotective effect from <i>Salvia hispanica</i> peptide fractions on proâ€inflammatory modulation of HMC3 microglial cells. Journal of Food Biochemistry, 2020, 44, e13207.	1.2	13
33	Isolation and functional caharacterization of chia (Salvia hispanica) proteins. Food Science and Technology, 2020, 40, 334-339.	0.8	11
34	Protein hydrolysates and ultrafiltered < 1 KDa fractions from <scp><i>Phaseolus lunatus</i></scp> , <i>Phaseolus vulgaris</i> and <scp><i>Mucuna pruriens</i></scp> exhibit antihyperglycemic activity, intestinal glucose absorption and <i>α</i> â€glucosidase inhibition with no acute toxicity in rodents. Journal of the Science of Food and Agriculture, 2019, 99, 587-595.	1.7	22
35	Probiotics Beverages: An Alternative Treatment for Metabolic Syndrome. , 2019, , 459-482.		2
36	Anti-inflammatory effects of the protein hydrolysate and peptide fractions isolated from <i>Salvia hispanica</i> L.Âseeds. Food and Agricultural Immunology, 2019, 30, 786-803.	0.7	24

#	Article	IF	Citations
37	Systemic Oxidative Stress: A Key Point in Neurodegeneration — A Review. Journal of Nutrition, Health and Aging, 2019, 23, 694-699.	1.5	29
38	Chia (Salvia hispanica) protein fractions: characterization and emulsifying properties. Journal of Food Measurement and Characterization, 2019, 13, 3318-3328.	1.6	14
39	Chia (Salvia hispanica L.) cookies: physicochemical/microbiological attributes, nutrimental value and sensory analysis. Journal of Food Measurement and Characterization, 2019, 13, 1100-1110.	1.6	10
40	Antioxidant, antihypertensive, anti-hyperglycemic, and antimicrobial activity of aqueous extracts from twelve native plants of the Yucatan coast. PLoS ONE, 2019, 14, e0213493.	1.1	32
41	Immunosuppressive effects of protein derivatives from <i>Mucuna pruriens</i> on a streptozotocinâ€induced type 1 diabetes murine model. Journal of Food Biochemistry, 2019, 43, e12834.	1.2	9
42	Peptides from <i>Mucuna pruriens</i> L., with protection and antioxidant <i>in vitro</i> effect on HeLa cell line. Journal of the Science of Food and Agriculture, 2019, 99, 4167-4173.	1.7	16
43	Protective Effect of Omega 3 Fatty Acids EPA and DHA in the Neurodegenerative Disease. Reference Series in Phytochemistry, 2019, , 605-621.	0.2	0
44	Antihyperglycemic, Hypoglycemic, and Lipid-Lowering Effect of Peptide Fractions of M. pruriens L. in an Obese Rat Model., 2019,, 53-67.		0
45	Protein Derivatives From Commercial Grains and Their Antiinflammatory Activity., 2019,, 71-81.		0
46	Medicinal Plants and Their Bioactive Metabolites in Cancer Prevention and Treatment., 2019,, 85-109.		9
47	Bee Propolis. , 2019, , 227-243.		5
48	Bioactive Compounds as Therapeutic Alternatives. , 2019, , 247-264.		23
49	Development of nopal-pineapple marmalade formulated with stevia aqueous extract: effect on physiochemical properties, inhibition of α-amylase, and glycemia response. Nutricion Hospitalaria, 2019, 36, 1081-1086.	0.2	0
50	Effect of Enzymatic Digestion of Protein Derivatives Obtained from Mucuna pruriens L. on Production of Proinflammatory Mediators by BALB/c Mouse Macrophages. Applied Biochemistry and Biotechnology, 2018, 186, 597-612.	1.4	6
51	Protective Effect of Omega 3 Fatty Acids EPA and DHA in the Neurodegenerative Disease. Reference Series in Phytochemistry, 2018, , 1-17.	0.2	1
52	Potential of Samanea saman pod meal for enteric methane mitigation in crossbred heifers fed low-quality tropical grass. Agricultural and Forest Meteorology, 2018, 258, 108-116.	1.9	29
53	Development and characterization of spray-dried chia oil microcapsules using by-products from chia as wall material. Powder Technology, 2018, 334, 1-8.	2.1	45
54	Stevia rebaudiana: A sweetener and potential bioactive ingredient in the development of functional cookies. Journal of Functional Foods, 2018, 44, 183-190.	1.6	25

#	Article	IF	CITATIONS
55	Bioactive Peptidesâ€"Impact in Cancer Therapy. , 2018, , 157-166.		2
56	Release Kinetic Studies of <i>Stevia rebaudiana</i> Extract Capsules from Sodium Alginate and Inulin by Ionotropic Gelation. Advances in Materials Science and Engineering, 2018, 2018, 1-8.	1.0	2
57	Functional Foods and Chemoprevention inÂCancer. , 2018, , 431-448.		2
58	In vitro antioxidant and anti-inflammatory activities of Melipona beecheii honey protein fractions. Journal of Food Measurement and Characterization, 2018, 12, 2636-2642.	1.6	1
59	A Survey of the Mosquito Species in Maxcanu, Yucatan, Mexico. Journal of the American Mosquito Control Association, 2018, 34, 128-130.	0.2	7
60	Encapsulation of vegetable oils as source of omega-3 fatty acids for enriched functional foods. Critical Reviews in Food Science and Nutrition, 2017, 57, 1423-1434.	5 . 4	39
61	Biological activity of <i>Stevia rebaudiana</i> Bertoni and their relationship to health. Critical Reviews in Food Science and Nutrition, 2017, 57, 2680-2690.	5. 4	79
62	Some Nutritional Characteristics of Enzymatically Resistant Maltodextrin from Cassava (Manihot) Tj ETQq0 0 0 0	gBŢ./Over	lock 10 Tf 50
63	<i>Salvia hispanica</i> mucilage-alginate properties and performance as an encapsulation matrix for chia seed oil. Journal of Food Processing and Preservation, 2017, 41, e13270.	0.9	16
64	Effects of pyroconversion and enzymatic hydrolysis on indigestible starch content and physicochemical properties of cassava (<i>Manihot esculenta</i>) starch. Starch/Staerke, 2017, 69, 1600267.	1.1	12
65	Antioxidant and anti-inflammatory activities of phenolic compounds isolated from <i>Melipona beecheii</i> honey. Food and Agricultural Immunology, 2017, 28, 1424-1437.	0.7	87
66	<i>Stevia rebaudiana</i> Bertoni: A Natural Alternative for Treating Diseases Associated with Metabolic Syndrome. Journal of Medicinal Food, 2017, 20, 933-943.	0.8	49
67	Physicochemical and Nutritional Characterization of Starch Isolated from <i>Colocasia antiquorum </i> Cultivated in Oaxaca, Mexico. Journal of Chemistry, 2016, 2016, 1-7.	0.9	9
68	Capsicum chinense: Composition and Functional Properties. , 2016, , 289-292.		2
69	Antioxidant Capacity of Capsicum chinense Genotypes. , 2016, , 241-249.		0
70	Biopeptides with antioxidant and anti-inflammatory potential in the prevention and treatment of diabesity disease. Biomedicine and Pharmacotherapy, 2016, 83, 816-826.	2.5	29
71	Evaluation of the Antihyperglycemic Effect of Minor Steviol Glycosides in Normoglycemic and Induced-Diabetic Wistar Rats. Journal of Medicinal Food, 2016, 19, 844-852.	0.8	11
72	Potential Therapeutic Applications of <i>Mucuna pruriens </i> Peptide Fractions Purified by High-Performance Liquid Chromatography as Angiotensin-Converting Enzyme Inhibitors, Antioxidants, Antithrombotic and Hypocholesterolemic Agents. Journal of Medicinal Food, 2016, 19, 187-195.	0.8	15

#	Article	lF	Citations
73	Chemical Characterization of Mexican Chia (Salvia hispanica L.) Flour., 2016,, 131-137.		О
74	Biofunctionality of Chia (Salvia hispanica L.) Protein Hydrolysates., 2016,, 199-206.		2
75	Salvia hispanica: Nutritional and Functional Potential. , 2016, , 115-118.		1
76	Characterization of Biodegradable Films Based on Salvia hispanica L. Protein and Mucilage. Food and Bioprocess Technology, 2016, 9, 1276-1286.	2.6	48
77	The hypolipidemic effect and antithrombotic activity of Mucuna pruriens protein hydrolysates. Food and Function, 2016, 7, 434-444.	2.1	23
78	Effect of Incorporation of Hard-to-Cook Bean (P haseolus vulgaris  L.) Protein Hydrolysate on Physical Properties and Starch and Dietary Fiber Components of Semolina Pasta. Journal of Food Processing and Preservation, 2015, 39, 1159-1165.	0.9	9
79	ACE-I inhibitory properties of hydrolysates from germinated and ungerminated Phaseolus lunatus proteins. Food Science and Technology, 2015, 35, 167-174.	0.8	20
80	Coccoloba uvifera(L.) (Polygonaceae) Fruit: Phytochemical Screening and Potential Antioxidant Activity. Journal of Chemistry, 2015, 2015, 1-9.	0.9	21
81	Studies on drying characteristic, nutritional composition, and antioxidant properties of Stevia rebaudiana (Bertoni) leaves. International Agrophysics, 2015, 29, 323-331.	0.7	12
82	Antidiabetic and antioxidant activity of Stevia rebaudiana extracts (Var. Morita) and their incorporation into a potential functional bread. Journal of Food Science and Technology, 2015, 52, 7894-7903.	1.4	59
83	Nutritional, amylolytic enzymes inhibition and antioxidant properties of bread incorporated with <i>Stevia rebaudiana</i> . International Journal of Food Sciences and Nutrition, 2015, 66, 649-656.	1.3	5
84	Physicochemical and Functional Characterization of & Description of & The Physicochemical and Functional pruries & Description of Potential Industrial Applications. International Journal of Organic Chemistry, 2015, 05, 1-10.	0.3	4
85	Chemical and Functional Properties of Chia Seed (<i>Salvia hispanica</i> L.) Gum. International Journal of Food Science, 2014, 2014, 1-5.	0.9	115
86	Whole and crushed nutlets of chia (Salvia hispanica) from Mexico as a source of functional gums. Food Science and Technology, 2014, 34, 701-709.	0.8	24
87	Enzymatic hydrolysis of hardâ€toâ€cook bean (<i>Phaseolus vulgaris</i> L.) protein concentrates and its effects on biological and functional properties. International Journal of Food Science and Technology, 2014, 49, 2-8.	1.3	52
88	Stevia rebaudianaBertoni. Un potencial adyuvante en el tratamiento de la diabetes mellitus. CYTA - Journal of Food, 2014, 12, 218-226.	0.9	6
89	In vitro bioactivity, nutritional and sensory properties of semolina pasta added with hard-to-cook bean (Phaseolus vulgaris L.) protein hydrolysate. Journal of Functional Foods, 2014, 8, 1-8.	1.6	16
90	Functional and bioactive properties of Velvet bean (Mucuna pruriens) protein hydrolysates produced by enzymatic treatments. Journal of Food Measurement and Characterization, 2014, 8, 61-69.	1.6	14

#	Article	IF	Citations
91	ACE inhibitory, hypotensive and antioxidant peptide fractions from Mucuna pruriens proteins. Process Biochemistry, 2014, 49, 1691-1698.	1.8	57
92	Physicochemical characterization of chia (<i>Salvia hispanica</i>) seed oil from Yucatán, México. Agricultural Sciences, 2014, 05, 220-226.	0.2	23
93	Chemical and Functional Properties of Hard-to-Cook Bean (<i>Phaseolus) Tj ETQq1 1 0.784314 rg 2081-2088.</i>	gBT /Overlo 0.2	ock 10 Tf 50 6
94	Fiber Residues from & Samp; lt; i& Samp; gt; Canavalia ensiformis & Samp; lt; /i& Samp; gt; L. Seeds with Potential Use in Food Industry. Agricultural Sciences, 2014, 05, 1227-1236.	0.2	1
95	Antioxidant activity of <i>Vigna unguiculata </i> L. walp and hard-to-cook <iphaseolus <="" i="" vulgaris="">L. protein hydrolysates. CYTA - Journal of Food, 2013, 11, 208-215.</iphaseolus>	0.9	14
96	Defatted Jatropha curcas flour and protein isolate as materials for protein hydrolysates with biological activity. Food Chemistry, 2013, 138, 77-83.	4.2	34
97	Biological potential of chia (Salvia hispanica L.) protein hydrolysates and their incorporation into functional foods. LWT - Food Science and Technology, 2013, 50, 723-731.	2.5	109
98	Effect of <i>Jatropha curcas </i> Peptide Fractions on the Angiotensin I-Converting Enzyme Inhibitory Activity. BioMed Research International, 2013, 2013, 1-8.	0.9	12
99	Polyphenols, Ascorbic Acid and Carotenoids Contents and Antioxidant Properties of Habanero Pepper (<i>Capsicum chinense</i>) Fruit. Food and Nutrition Sciences (Print), 2013, 04, 47-54.	0.2	34
100	Angiotensin I-Converting Enzyme Inhibitory Peptides of Chia (<i>Salvia hispanica</i>) Produced by Enzymatic Hydrolysis. International Journal of Food Science, 2013, 2013, 1-8.	0.9	51
101	Encapsulation of <i>Phaseolus lunatus</i> Protein Hydrolysate with Angiotensin-Converting Enzyme Inhibitory Activity. ISRN Biotechnology, 2013, 2013, 1-6.	1.9	19
102	Effect of Enzymatic Hydrolysis on Solubility, Hydrophobicity, and <i>In Vivo </i> Digestibility in Cowpea (<i>Vigna unguiculata </i>). International Journal of Food Properties, 2012, 15, 770-780.	1.3	32
103	Bioavailability of Bioactive Peptides. Food Reviews International, 2011, 27, 213-226.	4.3	174
104	Purification of angiotensin I-converting enzyme inhibitory peptides from a cowpea (Vigna unguiculata) enzymatic hydrolysate. Process Biochemistry, 2011, 46, 864-872.	1.8	65
105	EFFECT OF OCTENYLSUCCINYLATION ON FUNCTIONAL PROPERTIES OF LIMA BEAN (<i>) PHASEOLUS) Tj ETQq1</i>	1 0 _{1.5} 784314	ł rgBT /Over
106	Angiotensin†converting enzyme inhibitory and antioxidant activities of peptide fractions extracted by ultrafiltration of cowpea <i>Vigna unguiculata</i> hydrolysates. Journal of the Science of Food and Agriculture, 2010, 90, 2512-2518.	1.7	83
107	Purification of ACE inhibitory peptides derived of Vigna unguiculata protein concentrates by enzymatic hydrolysis. Journal of Biotechnology, 2010, 150, 309-309.	1.9	O
108	EFECTO DE LA DIGESTIÓN EN LA BIODISPONIBILIDAD DE PÉPTIDOS CON ACTIVIDAD BIOLÓGICA. Revista Chilena De Nutricion, 2010, 37, .	0.1	8

#	Article	IF	CITATIONS
109	Synthesis and partial characterization of octenylsuccinic starch from Phaseolus lunatus. Food Hydrocolloids, 2008, 22, 1467-1474.	5.6	41
110	Functional and Biological Potential of Bioactive Compounds in Foods for the Dietary Treatment of Type 2 Diabetes Mellitus. , 0, , .		7
111	ProteÃnas y péptidos biológicamente activos con potencial nutracéutico. , 0, , 11-27.		6
112	Actividad antitrombótica y anticariogénica de hidrolizados proteÃnicos de frijol lima (Phaseolus) Tj ETQq0 0 () rgBT /Ov	erlock 10 Tf 5
113	<scp>lberoâ€American</scp> grains as a source of biomaterials for the manufacture of films and coatings: Green alternative of the <scp>XXI</scp> century for sustainable development. Journal of Food Processing and Preservation, 0, , .	0.9	1
114	Chia seeds as functional ingredient of healthy muffins. Journal of Food Measurement and Characterization, 0 , , .	1.6	1