

Sergio Othón Serna-Saldivar

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effect of Processing on the Phytochemical Profiles and Antioxidant Activity of Corn for Production of Masa, Tortillas, and Tortilla Chips. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 4177-4183.	5.2	216
2	Inactivation Methods of Trypsin Inhibitor in Legumes: A Review. <i>Journal of Food Science</i> , 2018, 83, 17-29.	3.1	149
3	Phenolic content and antioxidant activity of tortillas produced from pigmented maize processed by conventional nixtamalization or extrusion cooking. <i>Journal of Cereal Science</i> , 2010, 52, 502-508.	3.7	147
4	Microwave and Ultrasound to Enhance Protein Extraction from Peanut Flour under Alkaline Conditions: Effects in Yield and Functional Properties of Protein Isolates. <i>Food and Bioprocess Technology</i> , 2017, 10, 543-555.	4.7	129
5	Dietary Fiber Concentrates from Fruit and Vegetable By-products: Processing, Modification, and Application as Functional Ingredients. <i>Food and Bioprocess Technology</i> , 2018, 11, 1439-1463.	4.7	119
6	Environmentally Friendly Methods for Flavonoid Extraction from Plant Material: Impact of Their Operating Conditions on Yield and Antioxidant Properties. <i>Scientific World Journal</i> , The, 2020, 2020, 1-38.	2.1	96
7	Advances in the Functional Characterization and Extraction Processes of Dietary Fiber. <i>Food Engineering Reviews</i> , 2016, 8, 251-271.	5.9	93
8	Phytochemical analysis of wastewater (nejayote) obtained after lime-cooking of different types of maize kernels processed into masa for tortillas. <i>Journal of Cereal Science</i> , 2010, 52, 410-416.	3.7	86
9	Hydroxycinnamic acids, sugar composition and antioxidant capacity of arabinoxylans extracted from different maize fiber sources. <i>Food Hydrocolloids</i> , 2014, 35, 471-475.	10.7	80
10	Comparative Analyses of Total Phenols, Antioxidant Activity, and Flavonol Glycoside Profile of Cladode Flours from Different Varieties of <i>Opuntia</i> spp.. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 7054-7061.	5.2	78
11	Induction of Apoptosis in Colon Cancer Cells Treated with Isorhamnetin Glycosides from <i>Opuntia Ficus-indica</i> Pads. <i>Plant Foods for Human Nutrition</i> , 2014, 69, 331-336.	3.2	74
12	Improvement of dietary fiber, ferulic acid and calcium contents in pan bread enriched with nejayote food additive from white maize (<i>Zea mays</i>). <i>Journal of Cereal Science</i> , 2014, 60, 264-269.	3.7	66
13	The effect of isorhamnetin glycosides extracted from <i>Opuntia ficus-indica</i> in a mouse model of diet induced obesity. <i>Food and Function</i> , 2015, 6, 805-815.	4.6	66
14	Differences in the dietary fiber content of fruits and their by-products quantified by conventional and integrated AOAC official methodologies. <i>Journal of Food Composition and Analysis</i> , 2018, 67, 77-85.	3.9	64
15	Effect of sodium selenite on isoflavonoid contents and antioxidant capacity of chickpea (<i>Cicer</i>) Tj ETQq1 1 0.784314.rgBT /Overlock 10	8.2	58
16	Nutraceutical profiles of improved blue maize (<i>Zea mays</i>) hybrids for subtropical regions. <i>Field Crops Research</i> , 2013, 141, 69-76.	5.1	56
17	Production of maize tortillas and cookies from nixtamalized flour enriched with anthocyanins, flavonoids and saponins extracted from black bean (<i>Phaseolus vulgaris</i>) seed coats. <i>Food Chemistry</i> , 2016, 192, 90-97.	8.2	50
18	Effect of decortication, germination and extrusion on physicochemical and in vitro protein and starch digestion characteristics of black beans (<i>Phaseolus vulgaris</i> L.). <i>LWT - Food Science and Technology</i> , 2019, 102, 330-337.	5.2	47

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19	Shear-induced enhancement of technofunctional properties of whole grain flours through extrusion. <i>Food Hydrocolloids</i> , 2021, 111, 106400.	10.7	47
20	Polyphenolics and Antioxidant Capacity of White and Blue Corns Processed into Tortillas and Chips. <i>Cereal Chemistry</i> , 2007, 84, 162-168.	2.2	46
21	The dietary fiber profile of fruit peels and functionality modifications induced by high hydrostatic pressure treatments. <i>Food Science and Technology International</i> , 2017, 23, 396-402.	2.2	46
22	Maltose and glucose utilization during fermentation of barley and sorghum lager beers as affected by β -amylase or amyloglucosidase addition. <i>Journal of Cereal Science</i> , 2014, 60, 602-609.	3.7	41
23	Functionality and characterization of kafirin-rich protein extracts from different whole and decorticated sorghum genotypes. <i>Journal of Cereal Science</i> , 2016, 70, 57-65.	3.7	41
24	Phenolic compounds, antioxidant capacity and gelling properties of glucoarabinoxylans from three types of sorghum brans. <i>Journal of Cereal Science</i> , 2015, 65, 277-284.	3.7	40
25	In vivo anti-inflammatory effects of isorhamnetin glycosides isolated from <i>Opuntia ficus-indica</i> (L.) Mill cladodes. <i>Industrial Crops and Products</i> , 2015, 76, 803-808.	5.2	40
26	Effect of partial replacement of wheat flour with sprouted chickpea flours with or without selenium on physicochemical, sensory, antioxidant and protein quality of yeast-leavened breads. <i>LWT - Food Science and Technology</i> , 2020, 129, 109517.	5.2	40
27	Bioaccessibility, Intestinal Permeability and Plasma Stability of Isorhamnetin Glycosides from <i>Opuntia ficus-indica</i> (L.). <i>International Journal of Molecular Sciences</i> , 2017, 18, 1816.	4.1	38
28	Cereal Grains. , 0, , .		38
29	Production of bioethanol from steam-flaked sorghum and maize. <i>Journal of Cereal Science</i> , 2009, 50, 131-137.	3.7	37
30	Grain Structure and Grain Chemical Composition. , 2019, , 85-129.		36
31	Fumonisin and their analogues in contaminated corn and its processed foods – a review. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 2183-2203.	2.3	35
32	Effect of traditional nixtamalization on anthocyanin content and profile in Mexican blue maize (<i>Zea mays</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.2	34
33	Potential of Triticale as a Substitute for Wheat in Flour Tortilla Production. <i>Cereal Chemistry</i> , 2004, 81, 220-225.	2.2	33
34	Effect of Amyloglucosidase on Wort Composition and Fermentable Carbohydrate Depletion in Sorghum Lager Beers. <i>Journal of the Institute of Brewing</i> , 2004, 110, 124-132.	2.3	33
35	Effect of arabinoxylans and laccase on batter rheology and quality of yeast-leavened gluten-free breads. <i>Journal of Cereal Science</i> , 2017, 73, 10-17.	3.7	33
36	Chemopreventive effects of feruloyl putrescines from wastewater (Nejayote) of lime-cooked white maize (<i>Zea mays</i>). <i>Journal of Cereal Science</i> , 2015, 64, 23-28.	3.7	32

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37	Selenium-Enriched Breads and Their Benefits in Human Nutrition and Health as Affected by Agronomic, Milling, and Baking Factors. <i>Cereal Chemistry</i> , 2015, 92, 134-144.	2.2	32
38	Effect of thermal processing and reducing agents on trypsin inhibitor activity and functional properties of soybean and chickpea protein concentrates. <i>LWT - Food Science and Technology</i> , 2018, 98, 629-634.	5.2	32
39	Physicochemical Changes of Starch in Maize Tortillas During Storage at Room and Refrigeration Temperatures. <i>Starch/Staerke</i> , 2002, 54, 358-363.	2.1	31
40	Effect of Protease Treatment Before Hydrolysis with α -Amylase on the Rate of Starch and Protein Hydrolysis of Maize, Whole Sorghum, and Decorticated Sorghum. <i>Cereal Chemistry</i> , 2007, 84, 607-613.	2.2	30
41	Effect of DHA Containing Oils and Powders on Baking Performance and Quality of White Pan Bread. <i>Plant Foods for Human Nutrition</i> , 2006, 61, 121-129.	3.2	29
42	Chemopreventive Effects of Free and Bound Phenolics Associated to Steep Waters (Nejayote) Obtained After Nixtamalization of Different Maize Types. <i>Plant Foods for Human Nutrition</i> , 2012, 67, 94-99.	3.2	29
43	Production of ethanol from sweet sorghum bagasse pretreated with different chemical and physical processes and saccharified with fiber degrading enzymes. <i>Bioresource Technology</i> , 2013, 134, 386-390.	9.6	29
44	Effect of processing time, temperature and alkali concentration on yield extraction, structure and gelling properties of corn fiber arabinoxylans. <i>Food Hydrocolloids</i> , 2016, 60, 21-28.	10.7	29
45	Functional and compositional changes of orange peel fiber thermally-treated in a twin extruder. <i>LWT - Food Science and Technology</i> , 2019, 111, 673-681.	5.2	29
46	Effect of Sorghum Decortication and Use of Protease Before Liquefaction with Thermo-resistant α -Amylase on Efficiency of Bioethanol Production. <i>Cereal Chemistry</i> , 2008, 85, 792-798.	2.2	28
47	In vivo protein quality of selected cereal-based staple foods enriched with soybean proteins. <i>Food and Nutrition Research</i> , 2016, 60, 31382.	2.6	28
48	Chickpea (<i>Cicer arietinum</i> L.) sprouts containing supranutritional levels of selenium decrease tumor growth of colon cancer cells xenografted in immune-suppressed mice. <i>Journal of Functional Foods</i> , 2019, 53, 76-84.	3.4	28
49	Effect of Ultrasound Application on Protein Yield and Fate of Alkaloids during Lupin Alkaline Extraction Process. <i>Biomolecules</i> , 2020, 10, 292.	4.0	28
50	Response of recurrent selection on yield, kernel oil content and fatty acid composition of subtropical maize populations. <i>Field Crops Research</i> , 2013, 142, 27-35.	5.1	27
51	Wet-milled chickpea coproduct as an alternative to obtain protein isolates. <i>LWT - Food Science and Technology</i> , 2019, 115, 108468.	5.2	27
52	Legumes Protease Inhibitors as Biopesticides and Their Defense Mechanisms against Biotic Factors. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3322.	4.1	27
53	Corn Oil: Composition, Processing, and Utilization. , 2019, , 593-613.		26
54	Evaluation of the Lime-Cooking and Tortilla Making Properties of Quality Protein Maize Hybrids Grown in Mexico. <i>Plant Foods for Human Nutrition</i> , 2008, 63, 119-125.	3.2	25

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55	Addition of protease during starch liquefaction affects free amino nitrogen, fusel alcohols and ethanol production of fermented maize and whole and decorticated sorghum mashes. <i>Biochemical Engineering Journal</i> , 2012, 67, 1-9.	3.6	25
56	Characterization and Quantitation of Triterpenoid Saponins in Raw and Sprouted <i>Chenopodium berlandieri</i> spp. (Huauzontle) Grains Subjected to Germination with or without Selenium Stress Conditions. <i>Journal of Food Science</i> , 2016, 81, C19-26.	3.1	25
57	Effects of Soybean Fortification on Protein Quality of Tortilla-Based Diets Produced from Regular and Quality Protein Maize. <i>Plant Foods for Human Nutrition</i> , 2004, 59, 45-50.	3.2	24
58	Yield and Textural Characteristics of Panela Cheeses Produced with Dairy and Vegetable Protein (Soybean). <i>Journal of Food Science</i> , 2016, 81, C19-26.	3.1	24
59	Evaluation of the functionality of five different soybean proteins in yeast-leavened pan breads. <i>Journal of Cereal Science</i> , 2015, 64, 63-69.	3.7	24
60	Effect of germination with sodium selenite on the isoflavones and cellular antioxidant activity of soybean (<i>Glycine max</i>). <i>LWT - Food Science and Technology</i> , 2018, 93, 64-70.	5.2	24
61	Relationship between hydroxycinnamic profile with gelation capacity and rheological properties of arabinoxylans extracted from different maize fiber sources. <i>Food Hydrocolloids</i> , 2014, 39, 280-285.	10.7	23
62	Effects of parboiling and other hydrothermal treatments on the physical, functional, and nutritional properties of rice and other cereals. <i>Cereal Chemistry</i> , 2018, 95, 79-91.	2.2	23
63	Cell Wall Degrading Enzymes and Proteases Improve Starch Yields of Sorghum and Maize. <i>Starch/Staerke</i> , 2006, 58, 338-344.	2.1	22
64	Effect of Protease Addition on Starch Recovery from Steeped Sorghum and Maize. <i>Starch/Staerke</i> , 2004, 56, 371-378.	2.1	21
65	Hydrothermal treatment of maize: Changes in physical, chemical, and functional properties. <i>Food Chemistry</i> , 2018, 263, 225-231.	8.2	21
66	Technological and Engineering Trends for Production of Gluten-Free Beers. <i>Food Engineering Reviews</i> , 2016, 8, 468-482.	5.9	20
67	Commercial Evaluation of a Continuous Micronutrient Fortification Process for Nixtamal Tortillas. <i>Cereal Chemistry</i> , 2008, 85, 746-752.	2.2	19
68	Effect of Germination and UV Radiation on the Accumulation of Flavonoids and Saponins in Black Bean Seed Coats. <i>Cereal Chemistry</i> , 2014, 91, 276-279.	2.2	19
69	Production of Brewing Worts from Different Types of Sorghum Malts and Adjuncts Supplemented with β -Amylase or Amyloglucosidase. <i>Journal of the American Society of Brewing Chemists</i> , 2013, 71, 49-56.	1.1	18
70	Delivery of Flavonoids and Saponins from Black Bean (<i>Phaseolus vulgaris</i>) Seed Coats Incorporated into Whole Wheat Bread. <i>International Journal of Molecular Sciences</i> , 2016, 17, 222.	4.1	17
71	Antimicrobial Activity of <i>Rhoeo discolor</i> Phenolic Rich Extracts Determined by Flow Cytometry. <i>Molecules</i> , 2015, 20, 18685-18703.	3.8	16
72	Optimization of wheat sprouting for production of selenium enriched kernels using response surface methodology and desirability function. <i>LWT - Food Science and Technology</i> , 2016, 65, 1080-1086.	5.2	16

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73	Fatty acid composition and proximate analysis of improved high-oil corn double haploid hybrids adapted to subtropical areas. <i>Cereal Chemistry</i> , 2019, 96, 182-192.	2.2	16
74	Effects of fermentation with probiotics on anti-nutritional factors and proximate composition of lupin (<i>Lupinus mutabilis</i> sweet).. <i>LWT - Food Science and Technology</i> , 2020, 130, 109658.	5.2	16
75	Effect of a Cell-Wall-Degrading Enzyme Complex on Starch Recovery and Steeping Requirements of Sorghum and Maize. <i>Cereal Chemistry</i> , 2003, 80, 148-153.	2.2	15
76	Detrimental effect of increasing sugar concentrations on ethanol production from maize or decorticated sorghum mashes fermented with <i>Saccharomyces cerevisiae</i> or <i>Zymomonas mobilis</i> . <i>Biotechnology Letters</i> , 2011, 33, 301-307.	2.2	15
77	Fate of free amino nitrogen during liquefaction and yeast fermentation of maize and sorghums differing in endosperm texture. <i>Food and Bioproducts Processing</i> , 2013, 91, 46-53.	3.6	15
78	Development and Structure of the Corn Kernel. , 2019, , 147-163.		15
79	Underutilized Mexican Plants: Screening of Antioxidant and Antiproliferative Properties of Mexican Cactus Fruit Juices. <i>Plants</i> , 2021, 10, 368.	3.5	15
80	Methods for the Modification and Evaluation of Cereal Proteins for the Substitution of Wheat Gluten in Dough Systems. <i>Foods</i> , 2021, 10, 118.	4.3	14
81	Understanding the functionality and manufacturing of nixtamalized maize products. <i>Journal of Cereal Science</i> , 2021, 99, 103205.	3.7	14
82	Effects of Lime-Cooking on Carotenoids Present in Masa and Tortillas Produced from Different Types of Maize. <i>Cereal Chemistry</i> , 2014, 91, 508-512.	2.2	13
83	In Vitro Fecal Fermentation of High Pressure-Treated Fruit Peels Used as Dietary Fiber Sources. <i>Molecules</i> , 2019, 24, 697.	3.8	13
84	Effect of sodium selenite addition and sponge dough fermentation on selenomethionine generation during production of yeast-leavened breads. <i>Journal of Cereal Science</i> , 2013, 58, 164-169.	3.7	12
85	Addition of Sodium Stearoyl Lactylate to Corn and Sorghum Starch Extrudates Enhances the Performance of Pregelatinized Beer Adjuncts. <i>Cereal Chemistry</i> , 2015, 92, 88-92.	2.2	12
86	Nutrition and Fortification of Corn and Wheat Tortillas. , 2015, , 29-63.		11
87	Evaluation of the Functionality of Five Different Soybean Proteins in Hot-Press Wheat Flour Tortillas. <i>Cereal Chemistry</i> , 2015, 92, 98-104.	2.2	11
88	Production of Lager Beers from Different Types of Sorghum Malts and Adjuncts Supplemented with β -Amylase or Amyloglucosidase. <i>Journal of the American Society of Brewing Chemists</i> , 2013, 71, 208-213.	1.1	10
89	Release of potentially fermentable sugars during dilute acid treatments of Bermuda grass NK37 (<i>Cynodon dactylon</i>) for second-generation ethanol production. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 1941-1947.	3.2	10
90	Effect of the Use of Thermoplastic Extruded Corn or Sorghum Starches on the Brewing Performance of Lager Beers. <i>Journal of the American Society of Brewing Chemists</i> , 2015, 73, 318-322.	1.1	10

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91	Physicochemical, functional properties, and digestion of isolated starches from pigmented chickpea (<i>Cicer arietinum</i> L.) cultivars. <i>Starch/Staerke</i> , 2017, 69, 1600152.	2.1	10
92	Phenolic Compounds and Antioxidant Activity of Extruded Nixtamalized Corn Flour and Tortillas Enriched with Sorghum Bran. <i>Cereal Chemistry</i> , 2017, 94, 277-283.	2.2	10
93	Ferulic, p-coumaric, diferulic and triferulic acids contents of corn tortillas prepared with extruded corn flour and enriched with sorghum (<i>Sorghum bicolor</i> (L.) Moench) bran. <i>Journal of Food Measurement and Characterization</i> , 2018, 12, 1633-1640.	3.2	10
94	Selenium in Germinated Chickpea (<i>Cicer arietinum</i> L.) Increases the Stability of Its Oil Fraction. <i>Plants</i> , 2019, 8, 113.	3.5	10
95	Improved extraction of the natural anticancerigen pristimerin from <i>Mortonia greggii</i> root bark using green solvents and aqueous two-phase systems. <i>Separation and Purification Technology</i> , 2019, 211, 667-672.	7.9	10
96	Functionality and Organoleptic Properties of Maize Tortillas Enriched with Five Different Soybean Proteins. <i>Cereal Chemistry</i> , 2015, 92, 341-349.	2.2	9
97	Malting Sorghum with <i>Aspergillus Oryzae</i> Enhances Gluten-Free Wort Yield and Extract. <i>Journal of the American Society of Brewing Chemists</i> , 2017, 75, 116-121.	1.1	9
98	Food Uses of Lime-Cooked Corn With Emphasis in Tortillas and Snacks. , 2019, , 469-500.		9
99	Extruded chickpea flour sequentially treated with alcalase and α -amylase produces dry instant beverage powders with enhanced yield and nutritional properties. <i>International Journal of Food Science and Technology</i> , 2021, 56, 5178-5189.	2.7	9
100	Selenized chickpea sourdoughs for the enrichment of breads. <i>LWT - Food Science and Technology</i> , 2021, 150, 112082.	5.2	9
101	Assessment of the quality of fresh nixtamalized maize doughs with different degrees of cooking and milling: A comparison of Mixolab and RVA analyses. <i>Journal of Cereal Science</i> , 2021, 102, 103321.	3.7	9
102	Changes in the structure and gelling properties of maize fiber arabinoxylans after their pilot scale extraction and spray-drying. <i>Journal of Cereal Science</i> , 2016, 70, 275-281.	3.7	8
103	Assessment of the techno-functionality, starch digestion rates and protein quality of rice flour "whey protein instant powders produced in a twin extruder. <i>International Journal of Food Science and Technology</i> , 2020, 55, 878-890.	2.7	8
104	Industrial Production of Maize Tortillas and Snacks. , 2015, , 247-281.		7
105	Influence of Excipients and Spray Drying on the Physical and Chemical Properties of Nutraceutical Capsules Containing Phytochemicals from Black Bean Extract. <i>Molecules</i> , 2015, 20, 21626-21635.	3.8	7
106	Minor Constituents and Phytochemicals of the Kernel. , 2019, , 369-403.		7
107	Evaluation of the quality of nixtamalized maize flours for tortilla production with a new Mixolab protocol. <i>Cereal Chemistry</i> , 2020, 97, 527-539.	2.2	7
108	Functional Effects of Soybean Concentrates Obtained from Sprouted Seeds Enriched in Selenium in Wheat Breadmaking. <i>Cereal Chemistry</i> , 2017, 94, 740-745.	2.2	6

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109	Effect of Maize Starch Substitution on Physicochemical and Sensory Attributes of Gluten-Free Cookies Produced from Nixtamalized Flour. <i>Journal of Food Processing</i> , 2017, 2017, 1-6.	2.0	6
110	Comparison of Physicochemical, Functional and Nutritional Properties between Proteins of Soybean and a Novel Mixture of Soybean-Maize. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6998.	2.5	6
111	Generation of a Mixolab Profile After the Evaluation of the Functionality of Different Commercial Wheat Flours for Hot-Press Tortilla Production. <i>Cereal Chemistry</i> , 2014, 91, 139-145.	2.2	5
112	Optimized and Scalable Green Extraction of Pristimerin, an Anticancerigen from <i>Mortonia greggii</i> , by Ethanol-Phosphate Aqueous Two-Phase Systems. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 5403-5410.	3.7	5
113	Characterization, functional and biological value of protein-enriched defatted meals from sacha inchi (<i>Plukenetia volubilis</i>) and chocho (<i>Lupinus mutabilis</i>). <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 5071-5077.	3.2	5
114	Food-Grade Corn Quality for Lime-Cooked Tortillas and Snacks. , 2015, , 227-246.		4
115	Effect of processing on the hydroxycinnamic acids, flavones, and cellular antioxidant activity of tortillas supplemented with sorghum bran. <i>Cereal Chemistry</i> , 2020, 97, 382-393.	2.2	4
116	Bioconversion into ethanol of decorticated red sorghum (<i>Sorghum bicolor</i> L. Moench) supplemented with its phenolic extract or spent bran. <i>Biotechnology Letters</i> , 2012, 34, 97-102.	2.2	3
117	Formulation of Zero-Trans Crystallized Fats Produced from Palm Stearin and High Oleic Safflower Oil Blends. <i>Journal of Food Quality</i> , 2017, 2017, 1-8.	2.6	3
118	Comparative analysis of techno-functional properties, starch digestion and protein quality of pigmented chickpea flours. <i>International Journal of Food Science and Technology</i> , 2019, 54, 2288-2299.	2.7	3
119	Use of <i>Aspergillus oryzae</i> during sorghum malting to enhance yield and quality of gluten-free lager beers. <i>Bioresources and Bioprocessing</i> , 2020, 7, .	4.2	3
120	Comparison of Regular and Selenium-Enriched Tortillas Produced from Sprouted Corn Kernels. <i>Plant Foods for Human Nutrition</i> , 2022, 77, 226-232.	3.2	3
121	Characterization of a Mixture of Oca (<i>Oxalis tuberosa</i>) and Oat Extrudate Flours: Antioxidant and Physicochemical Attributes. <i>Journal of Food Quality</i> , 2019, 2019, 1-10.	2.6	2
122	Effects of Post Anthesis Foliar Application of Sodium Selenite to Soybeans (<i>Glycine max</i>): Lipid Composition and Oil Stability. <i>Biomolecules</i> , 2019, 9, 772.	4.0	2
123	Physicochemical characterization of the anatomical structures of teosinte (<i>Zea mays</i> subsp. <i>mexicana</i>) covered caryopses.. <i>Journal of Cereal Science</i> , 2021, , 103353.	3.7	2
124	Dietary Fiber and Cancer. <i>Food Engineering Series</i> , 2020, , 241-276.	0.7	2
125	Effect of soybean bagasse addition on texture, sensory properties, and protein quality of maize tortillas. <i>Cereal Chemistry</i> , 2019, 96, 283-291.	2.2	1
126	Effects of <i>Ecklonia arborea</i> or <i>Silvetia compressa</i> algae intake on serum lipids and hepatic fat accumulation in Wistar rats fed hyperlipidic diets. <i>Algal Research</i> , 2020, 49, 101946.	4.6	1

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127	Textural and rheological properties of soybean oil organogels structured with polyglycerol and propylene glycol esters during storage. <i>Grasas Y Aceites</i> , 2022, 73, e443.	0.9	1
128	Non-conventional fermentation at laboratory scale of cocoa beans: Using probiotic microorganisms and substitution of mucilage by fruit pulps. <i>International Journal of Food Science and Technology</i> , 2022, 57, 4307-4315.	2.7	1
129	Comparative lactic acid fermentation with five <i>Lactobacillus</i> strains of supernatants made of extruded and saccharified chickpea flour. <i>International Journal of Food Science and Technology</i> , 0, , .	2.7	1