Louise Emy Kurozawa

List of Publications by Year
in descending order

64 papers	1,643 citations	304602 22 h-index	315616 38 g-index
64 all docs	64 docs citations	64 times ranked	1953 citing authors

#	Article	IF	Citations
1	Effect of maltodextrin and gum arabic on water sorption and glass transition temperature of spray dried chicken meat hydrolysate protein. Journal of Food Engineering, 2009, 91, 287-296.	2.7	90
2	Glass transition phenomenon on shrinkage of papaya during convective drying. Journal of Food Engineering, 2012, 108, 43-50.	2.7	90
3	Effect of carrier agents on the physicochemical properties of a spray dried chicken meat protein hydrolysate. Journal of Food Engineering, 2009, 94, 326-333.	2.7	85
4	Influence of Spray Drying Conditions on Physicochemical Properties of Chicken Meat Powder. Drying Technology, 2009, 27, 1248-1257.	1.7	82
5	High internal phase emulsions (HIPE) using pea protein and different polysaccharides as stabilizers. Food Hydrocolloids, 2020, 105, 105775.	5.6	78
6	Hydrophilic food compounds encapsulation by ionic gelation. Current Opinion in Food Science, 2017, 15, 50-55.	4.1	69
7	Improvement of the functional and antioxidant properties of rice protein by enzymatic hydrolysis for the microencapsulation of linseed oil. Journal of Food Engineering, 2020, 267, 109761.	2.7	66
8	Influence of Process Conditions on the Physicochemical Properties of Pequi Powder Produced by Spray Drying. Drying Technology, 2013, 31, 825-836.	1.7	65
9	Influence of the degree of hydrolysis and type of enzyme on antioxidant activity of okara protein hydrolysates. Food Science and Technology, 2016, 36, 375-381.	0.8	62
10	Ascorbic acid degradation of papaya during drying: Effect of process conditions and glass transition phenomenon. Journal of Food Engineering, 2014, 123, 157-164.	2.7	60
11	Conversion/degradation of isoflavones and color alterations during the drying of okara. LWT - Food Science and Technology, 2017, 75, 512-519.	2.5	58
12	Effect of osmotic dehydration on the drying kinetics and quality of cashew apple. International Journal of Food Science and Technology, 2009, 44, 980-986.	1.3	49
13	Optimization of the Enzymatic Hydrolysis of Chicken Meat Using Response Surface Methodology. Journal of Food Science, 2008, 73, C405-12.	1.5	48
14	The effect of thermal treatment of whole soybean flour on the conversion of isoflavones and inactivation of trypsin inhibitors. Food Chemistry, 2016, 194, 1095-1101.	4.2	46
15	Action of multi-enzyme complex on protein extraction to obtain a protein concentrate from okara. Journal of Food Science and Technology, 2018, 55, 1508-1517.	1.4	46
16	Near-infrared spectroscopy as a rapid method for evaluation physicochemical changes of stored soybeans. Journal of Stored Products Research, 2017, 73, 1-6.	1.2	43
17	Microencapsulation of grape seed oil by spray drying. Food Science and Technology, 2018, 38, 263-270.	0.8	39
18	Optimization of ultrasoundâ€assisted extraction of grapeâ€seed oil to enhance process yield and minimize free radical formation. Journal of the Science of Food and Agriculture, 2018, 98, 5019-5026.	1.7	38

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19	The effects of soybean soaking on grain properties and isoflavones loss. LWT - Food Science and Technology, 2014, 59, 1274-1282.	2.5	37
20	Spray Drying of Chicken Meat Protein Hydrolysate: Influence of Process Conditions on Powder Property and Dryer Performance. Drying Technology, 2011, 29, 163-173.	1.7	33
21	Spray drying of babassu coconut milk using different carrier agents. Drying Technology, 2017, 35, 76-87.	1.7	29
22	Soybean ultrasound pre-treatment prior to soaking affects Î²-glucosidase activity, isoflavone profile and soaking time. Food Chemistry, 2018, 269, 404-412.	4.2	29
23	Microencapsulation of pequi pulp by spray drying: use of modified starches as encapsulating agent. Engenharia Agricola, 2014, 34, 980-991.	0.2	24
24	DRYING KINETIC OF FRESH AND OSMOTICALLY DEHYDRATED MUSHROOM (<i>AGARICUS BLAZEI</i>). Journal of Food Process Engineering, 2012, 35, 295-313.	1.5	22
25	Plant-based beverages: Ecofriendly technologies in the production process. Innovative Food Science and Emerging Technologies, 2021, 72, 102760.	2.7	21
26	Roasted coffee oil microencapsulation by spray drying and complex coacervation techniques: Characteristics of the particles and sensory effect. Innovative Food Science and Emerging Technologies, 2021, 72, 102739.	2.7	20
27	Optimization of the Enzymatic Hydrolysis of Blue Shark Skin. Journal of Food Science, 2011, 76, C938-49.	1.5	19
28	Microencapsulation of babassu coconut milk. Food Science and Technology, 2013, 33, 737-744.	0.8	19
29	Enzymatic pretreatment in the extraction process of soybean to improve protein and isoflavone recovery and to favor aglycone formation. Food Research International, 2020, 137, 109624.	2.9	19
30	Evaluation of melon drying using hyperspectral imaging technique in the near infrared region. LWT - Food Science and Technology, 2021, 143, 111092.	2.5	18
31	Optimizing the potential bioactivity of isoflavones from soybeans via ultrasound pretreatment: Antioxidant potential and NFâ€ÎºB activation. Journal of Food Biochemistry, 2019, 43, e13018.	1.2	17
32	Rotating-Pulsed Fluidized Bed Drying of Okara: Evaluation of Process Kinetic and Nutritive Properties of Dried Product. Food and Bioprocess Technology, 2020, 13, 1611-1620.	2.6	15
33	Water Sorption and Glass Transition Temperature of Spray-Dried Mussel Meat Protein Hydrolysate. Drying Technology, 2012, 30, 175-184.	1.7	14
34	Combined uses of an endo- and exopeptidase in okara improve the hydrolysates via formation of aglycone isoflavones and antioxidant capacity. LWT - Food Science and Technology, 2019, 115, 108467.	2.5	14
35	Improving the emulsifying property of potato protein by hydrolysis: an application as encapsulating agent with maltodextrin. Innovative Food Science and Emerging Technologies, 2021, 70, 102696.	2.7	14
36	Novel experimental approach to study aroma release upon reconstitution of instant coffee products. Food Chemistry, 2020, 317, 126455.	4.2	13

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37	ObtenÃ§Ã£o de isotermas de dessorÃ§Ã£o de cogumelo in natura e desidratado osmoticamente. Food Science and Technology, 2005, 25, 828-834.	0.8	12
38	Production of Peptides with Radical Scavenging Activity and Recovery of Total Carotenoids Using Enzymatic Protein Hydrolysis of Shrimp Waste. Journal of Food Biochemistry, 2016, 40, 517-525.	1.2	12
39	Modulation of aroma release of instant coffees through microparticles of roasted coffee oil. Food Chemistry, 2021, 341, 128193.	4.2	12
40	Spray Drying of Pequi Pulp: Process Performance and Physicochemical and Nutritional Properties of the Powdered Pulp. Brazilian Archives of Biology and Technology, 2016, 59, .	0.5	11
41	Enzymatic hydrolysis of okara protein concentrate by mixture of endo and exopeptidase. Journal of Food Processing and Preservation, 2019, 43, e14134.	0.9	10
42	Influence of rice protein hydrolysate on lipid oxidation stability and physico-chemical properties of linseed oil microparticles obtained through spray-drying. LWT - Food Science and Technology, 2021, 139, 110510.	2.5	10
43	Influence of combined hydrolyzed collagen and maltodextrin as carrier agents in spray drying of cocona pulp. Brazilian Journal of Food Technology, 0, 23, .	0.8	9
44	Isotermas de dessorÃ§Ã£o de filÃ© de bonito (Sarda sarda) desidratado osmoticamente e defumado. Revista Brasileira De Engenharia Agricola E Ambiental, 2009, 13, 305-311.	0.4	8
45	Thermodynamic Properties of Water Desorption of Papaya. Journal of Food Processing and Preservation, 2015, 39, 2412-2420.	0.9	7
46	Effect of chia oil and pea protein content on stability of emulsions obtained by ultrasound and powder production by spray drying. Journal of Food Science and Technology, 2021, 58, 3765-3779.	1.4	7
47	AvaliaÃ§Ã£o do potencial antioxidante de proteÃnas do soro de leite concentradas por ultrafiltraÃ§Ã£o e hidrolisadas por diferentes proteases comerciais. Brazilian Journal of Food Technology, 0, 22, .	0.8	6
48	Impact of glass transition on chemical properties, caking and flowability of soymilk powder during storage. Powder Technology, 2021, 386, 20-29.	2.1	6
49	The role of ultrasound-assisted emulsification of roasted coffee oil on aroma profile in spray-dried microparticles and its dynamic release by PTR-ToFâ€"MS. European Food Research and Technology, 2021, 247, 865-878.	1.6	5
50	5-caffeoylquinic acid retention in spray drying of cocona, an Amazonian fruit, using hydrolyzed collagen and maltodextrin as encapsulating agents. Drying Technology, 2021, 39, 1854-1868.	1.7	5
51	CITT and inverse analyses applied to the study of the mushroom drying process. Journal of Food Engineering, 2010, 101, 166-178.	2.7	4
52	Storage stability of 5-caffeoylquinic acid in powdered cocona pulp microencapsulated with hydrolyzed collagen and maltodextrin blend. Food Research International, 2020, 137, 109652.	2.9	4
53	Microencapsulation of okara protein hydrolysate by spray drying: physicochemical and nutritive properties, sorption isotherm, and glass transition temperature. Drying Technology, 2022, 40, 2116-2127.	1.7	4
54	A new approach to the mechanisms of agglomeration in fluidized beds based on Spatial Filter Velocimetry measurements. Powder Technology, 2021, 393, 219-228.	2.1	4

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55	Potato protein: current review of structure, technological properties, and potential application on spray drying microencapsulation. Critical Reviews in Food Science and Nutrition, 2023, 63, 6564-6579.	5.4	4
56	Implications of Non-Equilibrium States and Glass Transitions in Frozen and Dried Fish and Meat Products. , 2017, , 325-348.		3
57	Ultrasound-Assisted Emulsification of Roasted Coffee Oil in Complex Coacervates and Real-time Coffee Aroma Release by PTR-ToFâ€"MS. Food and Bioprocess Technology, 2021, 14, 1857-1871.	2.6	3
58	Production of Hydrolysate of Okara Protein Concentrate with High Antioxidant Capacity and Aglycone Isoflavone Content. Brazilian Archives of Biology and Technology, 0, 62, .	0.5	3
59	Estabilidade fÃsica e quÃmica de hidrolisados proteicos de okara microencapsulados por spray drying. Brazilian Journal of Food Technology, 0, 23, .	0.8	2
60	Kinetic modeling of the conversion and losses of isoflavones during soybean soaking. Journal of Food Engineering, 2019, 261, 171-177.	2.7	1
61	Efeito da transiÃ§Ã£o vÃtrea na estocagem de extrato de soja em pÃ³. Revista Dos Trabalhos De IniciaÃ§Ã£o CientÃfica Da UNICAMP, 2019, , .	0.0	0
62	Secagem em leito de jorro do okara. Revista Dos Trabalhos De IniciaÃ§Ã£o CientÃfica Da UNICAMP, 2019, , .	0.0	0
63	Efeito da transiÃ§Ã£o vÃtrea na estocagem de extrato de soja em pÃ³ em diferentes umidades relativas. Revista Dos Trabalhos De IniciaÃ§Ã£o CientÃfica Da UNICAMP, 2019, , .	0.0	0
64	Efeito da estocagem sobre o Ã¡cido 5-cafeoilquÃnico de polpa liofilizada de manÃ¡-cubiu (Solanum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		0