

Leila P Da Silva

List of Publications by Year in descending order

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87
papers

1,497
citations

331538

21
h-index

360920

35
g-index

87
all docs

87
docs citations

87
times ranked

2195
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant properties of rice grains with light brown, red and black pericarp colors and the effect of processing. <i>Food Research International</i> , 2013, 50, 698-703.	2.9	113
2	Dietary fibre: The scientific search for an ideal definition and methodology of analysis, and its physiological importance as a carrier of bioactive compounds. <i>Food Research International</i> , 2016, 85, 144-154.	2.9	101
3	Oligosaccharide production by hydrolysis of polysaccharides: a review. <i>International Journal of Food Science and Technology</i> , 2015, 50, 275-281.	1.3	87
4	Effects of micronization on dietary fiber composition, physicochemical properties, phenolic compounds, and antioxidant capacity of grape pomace and its dietary fiber concentrate. <i>LWT - Food Science and Technology</i> , 2020, 117, 108652.	2.5	81
5	Biological properties of apple pomace, orange bagasse and passion fruit peel as alternative sources of dietary fibre. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2015, 6, 1-6.	1.5	78
6	Estrutura dos gr�nulos de amido e sua rela�o com propriedades f�sico-qu�micas. <i>Ciencia Rural</i> , 2009, 39, 945-954.	0.3	74
7	Characterization and physicochemical properties of pectins extracted from agroindustrial by-products. <i>Journal of Food Science and Technology</i> , 2017, 54, 3111-3117.	1.4	42
8	Total, insoluble and soluble dietary fiber values measured by enzymatic gravimetric method in cereal grains. <i>Journal of Food Composition and Analysis</i> , 2005, 18, 113-120.	1.9	41
9	Prebi�ticos na nutri�o de n�o ruminantes. <i>Ciencia Rural</i> , 2003, 33, 983-990.	0.3	39
10	Rice and resistant starch: different content depending on chosen methodology. <i>Journal of Food Composition and Analysis</i> , 2005, 18, 279-285.	1.9	39
11	Alterations in fatty acid composition due to cold exposure at the vegetative stage in rice. <i>Brazilian Journal of Plant Physiology</i> , 2010, 22, 199-207.	0.5	37
12	Granulometric fractionation and micronization: A process for increasing soluble dietary fiber content and improving technological and functional properties of olive pomace. <i>LWT - Food Science and Technology</i> , 2020, 130, 109526.	2.5	35
13	Green Extraction Methods and Microencapsulation Technologies of Phenolic Compounds From Grape Pomace: A Review. <i>Food and Bioprocess Technology</i> , 2021, 14, 1407-1431.	2.6	35
14	Effect of amylose content of rice varieties on glycemic metabolism and biological responses in rats. <i>Food Chemistry</i> , 2007, 105, 1474-1479.	4.2	34
15	Amylose content in rice (<i>Oryza sativa</i>) affects performance, glycemic and lipidic metabolism in rats. <i>Ciencia Rural</i> , 2012, 42, 381-387.	0.3	33
16	Deep RNAseq indicates protective mechanisms of cold-tolerant indica rice plants during early vegetative stage. <i>Plant Cell Reports</i> , 2018, 37, 347-375.	2.8	31
17	Integrated biomarkers response confirm the antioxidant role of diphenyl diselenide against atrazine. <i>Ecotoxicology and Environmental Safety</i> , 2018, 151, 191-198.	2.9	30
18	Categorizing rice cultivars based on differences in chemical composition. <i>Journal of Food Composition and Analysis</i> , 2005, 18, 333-341.	1.9	29

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19	Micronization and granulometric fractionation improve polyphenol content and antioxidant capacity of olive pomace. <i>Industrial Crops and Products</i> , 2019, 137, 347-355.	2.5	29
20	Atividade antibacteriana, antioxidante e tanante de subprodutos da uva. <i>Ciencia Rural</i> , 2009, 39, 941-944.	0.3	28
21	Changes in culinary, viscoamylographic and sensory characteristics during rice storage at different temperatures. <i>Journal of Stored Products Research</i> , 2013, 53, 37-42.	1.2	24
22	Transfer of Copper and Zinc from Soil to Grapevine-Derived Products in Young and Centenarian Vineyards. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	1.1	24
23	Lysine from Cooked White Rice Consumed by Healthy Young Men Is Highly Metabolically Available When Assessed Using the Indicator Amino Acid Oxidation Technique. <i>Journal of Nutrition</i> , 2013, 143, 302-306.	1.3	23
24	ModificaçÃo quÃmica e fÃsica do amido de quirera de arroz para aproveitamento na indÃstria de alimentos. <i>Quimica Nova</i> , 2008, 31, 84-88.	0.3	22
25	Effect of different dietary fiber concentrates on the metabolism and indirect immune response in silver catfish. <i>Animal Feed Science and Technology</i> , 2016, 215, 124-132.	1.1	21
26	Desempenho de frangos de corte alimentados com dietas contendo antibiÃtico e/ou fitoterÃpico como promotores, adicionados isoladamente ou associados. <i>Ciencia Rural</i> , 2007, 37, 1760-1764.	0.3	20
27	Atividade de enzimas digestivas e parÃmetros de crescimento de juvenis de jundiÃ (Rhamdia quelen) alimentados com farelo de linhaÃa in natura e demucilada. <i>Semina: Ciencias Agrarias</i> , 2013, 34, 3069.	0.1	19
28	Cultivar, harvest year, and storage conditions affecting nutritional quality of common beans		

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37	Efeitos de dietas contendo concentrados proteicos vegetais no desempenho e atividade de enzimas digestivas de jundiá (Rhamdia quelen). <i>Semina: Ciências Agrárias</i> , 2014, 35, 1071.	0.1	10
38	Extração de antinutrientes e aumento da qualidade nutricional dos farelos de girassol, canola e soja para alimentação de peixes. <i>Ciencia Rural</i> , 2013, 43, 1878-1884.	0.3	9
39	Adubação nitrogenada sobre rendimento industrial e composição dos grãos de arroz irrigado. <i>Ciencia Rural</i> , 2013, 43, 1128-1133.	0.3	9
40	Nutritional evaluation of phosphorylated pumpkin seed (<i>Cucurbita moschata</i>) protein concentrate in silver catfish <i>Rhamdia quelen</i> (Quoy and Gaimard, 1824). <i>Fish Physiology and Biochemistry</i> , 2015, 41, 1557-1567.	0.9	8
41	Prediction of lamb body composition using in vivo bioimpedance analysis. <i>Meat Science</i> , 2019, 150, 1-6.	2.7	8
42	Partially hydrolyzed pectin extracted from passion fruit peel: Molar mass and physicochemical properties. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2020, 21, 100206.	1.5	8
43	Assessing the composition of the soft tissue in lamb carcasses with bioimpedance and accessory measures. <i>Meat Science</i> , 2020, 169, 108192.	2.7	8
44	Farelo de crumbe nas formas in natura ou reduzida em antinutrientes na dieta do jundiá. <i>Ciencia Rural</i> , 2014, 44, 692-698.	0.3	8
45	Divergência genética de milho transgênico em relação à produtividade de grãos e à qualidade nutricional. <i>Ciencia Rural</i> , 2015, 45, 884-891.	0.3	7
46	Composition of gastrointestinal content, protease and lipase activities in summer and winter of four freshwater siluriforms (Teleostei: Actinopterygii) with two different feeding habits. <i>Zoologia</i> , 0, 35, 1-8.	0.5	7
47	Variability of grain productivity and energy profile of maize (<i>Zea mays</i> L.) genotypes. <i>Journal of Cereal Science</i> , 2014, 60, 164-171.	1.8	6
48	Carbohydrate molecule size affects the metabolic and digestive dynamics of jundiá (<i>Rhamdia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	6
49	Evaluation of immune response and performance of silver catfish fed functional linseed fibres in response to hypoxia stress. <i>Aquaculture Research</i> , 2019, 50, 3060-3069.	0.9	6
50	Phytic acid in <i>Rhamdia quelen</i> nutrition: Antioxidant or antinutrient?. <i>Animal Feed Science and Technology</i> , 2021, 276, 114915.	1.1	6
51	Componentes da parede celular e digestibilidade in vitro de palha de arroz (<i>Oryza sativa</i>) com diferentes teores de silício. <i>Ciencia Rural</i> , 2005, 35, 1205-1208.	0.3	5
52	Fontes proteicas vegetais na alimentação da carpa hãngara. <i>Ciencia Rural</i> , 2011, 41, 1660-1666.	0.3	5
53	Sweet potato vines in diets for growing rabbits on performance, carcass characteristics and meat quality. <i>Animal Science Journal</i> , 2018, 89, 1556-1560.	0.6	5
54	Performance, meat characteristics and economic viability of rabbits fed diets containing banana peel. <i>Tropical Animal Health and Production</i> , 2020, 52, 681-685.	0.5	5

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55	Linseed fibers modulate the production of short-chain fatty acids and improve performance and plasma and skin mucus parameters of silver catfish (<i>Rhamdia quelen</i>). <i>Fish Physiology and Biochemistry</i> , 2020, 46, 2355-2366.	0.9	5
56	Microencapsulated Lemongrass (<i>Cymbopogon flexuosus</i>) Essential Oil Supplementation on Quality and Stability of Silver Catfish Fillets during Frozen Storage. <i>Journal of Aquatic Food Product Technology</i> , 2021, 30, 1124-1141.	0.6	5
57	Atributos nutricionais, tecnológicos e sensoriais de macarrÃes de centeio. <i>Brazilian Journal of Food Technology</i> , 2011, 14, 137-144.	0.8	5
58	Casca de soja em substituiÃo ao feno de alfafa em dietas fareladas para coelhos em crescimento. <i>Ciencia Rural</i> , 2012, 42, 1896-1900.	0.3	4
59	CARACTERIZAÃO NUTRICIONAL E RESPOSTA SENSORIAL DE PÃES DE MEL COM ALTO TEOR DE FIBRA ALIMENTAR ELABORADOS COM FARINHAS DE SUBPRODUTOS DO PROCESSAMENTO DE FRUTAS. <i>Boletim Centro De Pesquisa De Processamento De Alimentos</i> , 2014, 32, .	0.2	4
60	Casca de soja em dietas para coelhos em crescimento. <i>Ciencia Rural</i> , 2015, 45, 98-103.	0.3	4
61	Micronization and extrusion processing on the physicochemical properties of dietary fiber. <i>Ciencia Rural</i> , 2019, 49, .	0.3	4
62	Diferentes formulaÃes de multimisturas sobre a resposta biolÃgica em ratos. <i>Ciencia Rural</i> , 2008, 38, 2327-2333.	0.3	4
63	Sunflower protein concentrate and crambe protein concentrate in diets for silver catfish <i>Rhamdia quelen</i> (Quoy and Gaimard, 1824): use as sustainable ingredients. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 3781-3790.	0.3	3
64	Fractionation of linseed and obtaining ingredients rich in protein and fibers: alternatives for animal feed. <i>Journal of the Science of Food and Agriculture</i> , 2021, , .	1.7	3
65	Fracionamento a seco da farinha de aveia e modificaÃo quÃmica da fraÃo rica em amido. <i>Food Science and Technology</i> , 2006, 26, 936-943.	0.8	3
66	Alternative protein sources in nutrition and metabolism of jundiÃ; <i>in nature</i> and demucilaged linseed meal. <i>Revista Brasileira De Saude E Producao Animal</i> , 2015, 16, 244-252.	0.3	3
67	INCLUSÃO DE DIFERENTES FONTES DE AMIDO NA DIETA DE JUNDIÃS (<i>Rhamdia quelen</i>): PARÃMETROS METABÃLICOS E BIOQUÃMICOS. <i>Ciencia Animal Brasileira</i> , 2013, 14, .	0.3	3
68	The Effects of Fermentable Dietary Fiber on Performance and Metabolism of Nile Tilapia (<i>Oreochromis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.5	3
69	Improving nutrient availability of defatted rice bran using different phytase sources applied to grass carp (<i>Ctenopharyngodon idella</i>) diet. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20190201.	0.3	3
70	ComposiÃo quÃmica e alteraÃes estruturais do arroz irrigado durante o armazenamento. <i>Semina: Ciencias Agrarias</i> , 2013, 34, .	0.1	2
71	BagaÃo de uva como ingrediente alternativo no arraÃsoamento de coelhos em crescimento. <i>Ciencia Rural</i> , 2013, 43, 1654-1659.	0.3	2
72	Supplementation with microencapsulated lemongrass essential oil improves protein deposition and carcass yield in silver catfish (<i>Rhamdia quelen</i>). <i>Acta Scientiarum - Animal Sciences</i> , 0, 40, 36517.	0.3	2

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73	Effects of dietary microencapsulated <i>Cymbopogon flexuosus</i> essential oil on reproductive-related parameters in male <i>Rhamdia quelen</i> . <i>Fish Physiology and Biochemistry</i> , 2018, 44, 1253-1264.	0.9	2
74	Pectic hydrolysates in the diet of silver catfish (<i>Rhamdia quelen</i>): Growth performance, blood and liver biochemistry, histological parameters and intestinal contents. <i>Aquaculture Nutrition</i> , 2019, 25, 1378-1387.	1.1	2
75	Functional linseed fibres and their impacts on silver catfish (<i>Rhamdia quelen</i>) nutrition. <i>Aquaculture Nutrition</i> , 2020, 26, 1647-1656.	1.1	2
76	Phosphorylated protein concentrate pumpkin seed (<i>Cucurbita moschata</i>): optimization by response surface methodology and nutritional characterization. <i>Ciencia Rural</i> , 2020, 50, .	0.3	2
77	Fontes de fibra de coprodutos agroindustriais protéicos para coelhos em crescimento. <i>Ciencia Rural</i> , 2010, 40, 963-969.	0.3	1
78	Effects of rice bran protein concentrate on the growth performance and digestive enzyme activities of <i>Rhamdia quelen</i> (Quoy and Gaimard, 1824). <i>Aquaculture Nutrition</i> , 2019, 25, 1115-1123.	1.1	1
79	Rice ethanol distillery residue as a protein source in the diet of silver catfish (<i>Rhamdia quelen</i>). <i>Journal of Applied Aquaculture</i> , 2022, 34, 97-111.	0.7	1
80	Pectic hydrolysates in the diet of Nile tilapia (<i>Oreochromis niloticus</i>): Performance, nutritional composition, histological parameters, enzymatic activity, hepatic parameters and intestinal contents. <i>Aquaculture Research</i> , 2021, 52, 2662-2671.	0.9	1
81	Synchronic use of protein and carbohydrate sources for improved growth performance in <i>Jundiá</i> . <i>Aquaculture Research</i> , 2021, 52, 5777.	0.9	1
82	Using segmental bioimpedance analysis to estimate soft tissue and chemical composition of retail cuts and carcasses of lambs. <i>Meat Science</i> , 2022, 183, 108644.	2.7	1
83	Effect of feeding crude or treated tung meal (<i>Aleurites fordii</i>) in the diet of <i>Rhamdia quelen</i> on growth, digestive enzymes and biochemical parameters. <i>Ciencia Animal Brasileira</i> , 0, 21, .	0.3	1
84	Nutrientes, antinutrientes e detoxificação do farelo de crumbe para uso na nutrição animal. <i>Semina: Ciências Agrárias</i> , 2014, 35, 3345.	0.1	0
85	Characterization and physicochemical properties of dietary fiber concentrates as potential prebiotic ingredients for use in fish nutrition. <i>Caderno De Ciências Agrárias</i> , 0, 12, 1-9.	0.0	0
86	Linseed protein concentrate as alternative to fishmeal in diets for silver catfish, <i>Rhamdia quelen</i> . <i>Journal of the World Aquaculture Society</i> , 2021, 52, 316-328.	1.2	0
87	Energetic metabolism of <i>Piaractus mesopotamicus</i> fed with starch sources in the diet. <i>Journal of Applied Aquaculture</i> , 0, , 1-21.	0.7	0