

Leda Rita Faroni

List of Publications by Year in descending order

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97
papers

2,309
citations

218677

26
h-index

254184

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104
all docs

104
docs citations

104
times ranked

1868
citing authors

#	ARTICLE	IF	CITATIONS
1	Macauba fruits preserved by combining drying and ozonation methods for biodiesel production. <i>Ozone: Science and Engineering</i> , 2023, 45, 41-49.	2.5	2
2	Ozone as a Fungicidal and Detoxifying Agent to Maize Contaminated with Fumonisin. <i>Ozone: Science and Engineering</i> , 2022, 44, 38-49.	2.5	10
3	Ozone Injection at Low Pressure: Decomposition Kinetics, Control of <i>Sitophilus zeamais</i> , and Popcorn Kernel Quality. <i>Ozone: Science and Engineering</i> , 2022, 44, 66-78.	2.5	6
4	Ozone as an alternative fumigant for controlling <i>Callosobruchus maculatus</i> (F.) (Coleoptera: Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 622	2.6	6
5	Use of Ozonized Water to Control Anthracnose in Papaya (<i>Carica papaya</i> L.) and its Effect on the Quality of the Fruits. <i>Ozone: Science and Engineering</i> , 2021, 43, 384-393.	2.5	5
6	Evaluation of the Persistence of Linalool and Estragole in Maize Grains via Headspace Solid-Phase Microextraction and Gas Chromatography. <i>Food Analytical Methods</i> , 2021, 14, 217-229.	2.6	4
7	The efficacy of washing strategies in the elimination of fungicide residues and the alterations on the quality of bell peppers. <i>Food Research International</i> , 2021, 147, 110579.	6.2	7
8	Toxicological Stability of <i>Ocimum basilicum</i> Essential Oil and Its Major Components in the Control of <i>Sitophilus zeamais</i> . <i>Molecules</i> , 2021, 26, 6483.	3.8	9
9	Method Validation and Evaluation of Safrole Persistence in Cowpea Beans Using Headspace Solid-Phase Microextraction and Gas Chromatography. <i>Molecules</i> , 2021, 26, 6914.	3.8	2
10	CFD simulation of ozone gas flow for controlling <i>Sitophilus zeamais</i> in rice grains. <i>Journal of Stored Products Research</i> , 2020, 88, 101675.	2.6	10
11	Headspace Solid-Phase Microextraction: Validation of the Method and Determination of Allyl Isothiocyanate Persistence in Cowpea Beans. <i>ACS Omega</i> , 2020, 5, 21364-21373.	3.5	2
12	Optimal Extraction of <i>Ocimum basilicum</i> Essential Oil by Association of Ultrasound and Hydrodistillation and Its Potential as a Biopesticide Against a Major Stored Grains Pest. <i>Molecules</i> , 2020, 25, 2781.	3.8	24
13	Dissolved air flotation optimization for treatment of dairy effluents with organic coagulants. <i>Journal of Water Process Engineering</i> , 2020, 36, 101270.	5.6	18
14	Eugenol diffusion coefficient and its potential to control <i>Sitophilus zeamais</i> in rice. <i>Scientific Reports</i> , 2019, 9, 11161.	3.3	14
15	Host Potential and Adaptive Responses of <i>Drosophila suzukii</i> (Diptera: Drosophilidae) to Barbados Cherries. <i>Journal of Economic Entomology</i> , 2019, 112, 3002-3006.	1.8	8
16	Kinetics of the ozone gas reaction in popcorn kernels. <i>Journal of Stored Products Research</i> , 2019, 83, 168-175.	2.6	22
17	POST-HARVEST QUALITY OF OZONATED MACAUBA FRUITS FOR BIODIESEL PRODUCTION. <i>Revista Caatinga</i> , 2019, 32, 92-100.	0.7	4
18	Use of ozone and detergent for removal of pesticides and improving storage quality of tomato. <i>Food Research International</i> , 2019, 125, 108626.	6.2	26

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19	CFD modelling of diffusive-reactive transport of ozone gas in rice grains. <i>Biosystems Engineering</i> , 2019, 179, 49-58.	4.3	11
20	Insecticidal activity of <i>Vanillosmopsis arborea</i> essential oil and of its major constituent α -bisabolol against <i>Callosobruchus maculatus</i> (Coleoptera: Chrysomelidae). <i>Scientific Reports</i> , 2019, 9, 3723.	3.3	24
21	Difenoconazole and linuron dissipation kinetics in carrots under open-field conditions. <i>Ecotoxicology and Environmental Safety</i> , 2019, 168, 479-485.	6.0	18
22	Fumigant toxicity of eugenol and its negative effects on biological development of <i>Callosobruchus maculatus</i> L. <i>Revista De Ciencias Agrícolas</i> , 2019, 36, 5-15.	0.2	4
23	Potential of diatomaceous earth as a management tool against <i>Acanthoscelides obtectus</i> infestations. <i>Revista De Ciencias Agrícolas</i> , 2019, 36, 42-51.	0.2	2
24	Experimental Design Optimization of Dairy Wastewater Ozonation Treatment. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	2.4	8
25	Treatment of synthetic milk industry wastewater using batch dissolved air flotation. <i>Journal of Cleaner Production</i> , 2018, 189, 729-737.	9.3	37
26	Toxicity and sublethal effects of allyl isothiocyanate to <i>Sitophilus zeamais</i> on population development and walking behavior. <i>Journal of Pest Science</i> , 2018, 91, 761-770.	3.7	19
27	Ozone treatment for pesticide removal from carrots: Optimization by response surface methodology. <i>Food Chemistry</i> , 2018, 243, 435-441.	8.2	61
28	Effects of ozone treatment on postharvest carrot quality. <i>LWT - Food Science and Technology</i> , 2018, 90, 53-60.	5.2	75
29	EMERGENCE RATE OF THE MEXICAN BEAN WEEVIL IN VARIETIES OF BEANS FROM THE SOUTHWESTERN AMAZON. <i>Revista Caatinga</i> , 2018, 31, 1048-1053.	0.7	2
30	Toxicity to, oviposition and population growth impairments of <i>Callosobruchus maculatus</i> exposed to clove and cinnamon essential oils. <i>PLoS ONE</i> , 2018, 13, e0207618.	2.5	34
31	Efficacy of ozone in the microbiological disinfection of maize grains. <i>Brazilian Journal of Food Technology</i> , 2018, 21, .	0.8	12
32	Locomotor behavior of <i>Sitophilus zeamais</i> populations under sublethal ozone exposure. <i>Journal of Pest Science</i> , 2017, 90, 239-247.	3.7	11
33	Behavioral and physiological responses induced by ozone in five Brazilian populations of <i>Rhyzopertha dominica</i> . <i>Journal of Stored Products Research</i> , 2017, 72, 111-116.	2.6	1
34	Toxicity and metabolic mechanisms underlying the insecticidal activity of parsley essential oil on bean weevil, <i>Callosobruchus maculatus</i> . <i>Journal of Pest Science</i> , 2017, 90, 723-733.	3.7	23
35	Lethal and sublethal responses of <i>Sitophilus zeamais</i> populations to essential oils. <i>Journal of Pest Science</i> , 2017, 90, 589-600.	3.7	41
36	Ozone as degradation agent of pesticide residues in stored rice grains. <i>Journal of Food Science and Technology</i> , 2017, 54, 4092-4099.	2.8	16

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37	Degradation kinetics of pirimiphos-methyl residues in maize grains exposed to ozone gas. <i>Journal of Stored Products Research</i> , 2017, 74, 1-5.	2.6	35
38	<i>Lasioderma serricorne</i> (Coleoptera: Anobiidae): First Report on Black Sesame (<i>Sesamum indicum</i>). <i>Journal of Food Protection</i> , 2017, 80, 1941-1943.	1.7	2
39	Walking stability of <i>Rhyzopertha dominica</i> (Fabricius, 1792) (Coleoptera: Bostrichidae). <i>Brazilian Journal of Biology</i> , 2016, 76, 568-576.	0.9	1
40	Ozone as fungicide in rice grains. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2016, 20, 230-235.	1.1	22
41	Aqueous ozone solutions for pesticide removal from potatoes. <i>Food Science and Technology International</i> , 2016, 22, 752-758.	2.2	12
42	Effects of Continuous Exposure to Ozone Gas and Electrolyzed Water on the Skin Hardness of Table and Wine Grape Varieties. <i>Journal of Texture Studies</i> , 2016, 47, 40-48.	2.5	32
43	Allyl isothiocyanate actions on populations of <i>Sitophilus zeamais</i> resistant to phosphine: Toxicity, emergence inhibition and repellency. <i>Journal of Stored Products Research</i> , 2016, 69, 257-264.	2.6	25
44	Ozone toxicity to <i>Sitophilus zeamais</i> (Coleoptera: Curculionidae) populations under selection pressure from ozone. <i>Journal of Stored Products Research</i> , 2016, 65, 1-5.	2.6	21
45	Hermetic storage for control of common bean weevil, <i>Acanthoscelides obtectus</i> (Say). <i>Journal of Stored Products Research</i> , 2016, 66, 1-5.	2.6	35
46	Ozone Treatment for the Removal of Residual Chlorothalonil and Effects on the Quality of Table Grapes. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	4
47	Locomotory and physiological responses induced by clove and cinnamon essential oils in the maize weevil <i>Sitophilus zeamais</i> . <i>Pesticide Biochemistry and Physiology</i> , 2015, 125, 31-37.	3.6	67
48	Sublethal Exposure to Clove and Cinnamon Essential Oils Induces Hormetic-Like Responses and Disturbs Behavioral and Respiratory Responses in <i>Sitophilus zeamais</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlot10 Tf 56&297 Td (C		
49	<i>Lasioderma serricorne</i> (Coleoptera: Anobiidae) in Stored <i>Matricaria recutita</i> (Asteraceae) in Brazil. <i>Florida Entomologist</i> , 2014, 97, 807-808.	0.5	5
50	Botanical extracts of plants from the Brazilian Cerrado for the integrated management of <i>Sitotroga cerealella</i> (Lepidoptera: Gelechiidae) in stored grain. <i>Journal of Stored Products Research</i> , 2014, 57, 6-11.	2.6	33
51	Effects of Astilbin from <i>Dimorphandra mollis</i> (Fabaceae) Flowers and Brazilian Plant Extracts on <i>Sitophilus zeamais</i> (Coleoptera: Curculionidae). <i>Florida Entomologist</i> , 2014, 97, 892-901.	0.5	12
52	Effects of ozone fumigation treatment on the removal of residual difenoconazole from strawberries and on their quality. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2014, 49, 94-101.	1.5	32
53	Potential use of clove and cinnamon essential oils to control the bean weevil, <i>Acanthoscelides obtectus</i> Say, in small storage units. <i>Industrial Crops and Products</i> , 2014, 56, 27-34.	5.2	63
54	Development of a solid-liquid extraction method with low-temperature partitioning for the determination of insecticides in ozonized maize grain.. <i>Quimica Nova</i> , 2014, 37, .	0.3	8

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55	Flight responses of <i>Sitotroga cerealella</i> (Lepidoptera: Gelechiidae) to corn kernel volatiles in a wind tunnel. <i>Arthropod-Plant Interactions</i> , 2013, 7, 651-658.	1.1	6
56	Postharvest quality of ozonized "nanicão" cv. bananas. <i>Revista Ciencia Agronomica</i> , 2013, 44, 107-114.	0.3	21
57	Bioactivity of diatomaceous earth to <i>Sitophilus zeamais</i> (Coleoptera: Curculionidae) in different application conditions. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2013, 17, 982-986.	1.1	5
58	Ozone Toxicity and Walking Response of Populations of <i>Sitophilus zeamais</i> (Coleoptera: Curculionidae). <i>Journal of Economic Entomology</i> , 2012, 105, 2187-2195.	1.8	24
59	Potential of <i>Tyrophagus putrescentiae</i> (Schrank) (Astigmata: Acaridae) for the Biological Control of <i>Lasioderma serricorne</i> (F.) (Coleoptera: Anobiidae). <i>Brazilian Archives of Biology and Technology</i> , 2012, 55, 299-303.	0.5	8
60	Diatomaceous earth effects on weevils with different susceptibility standard to phosphine. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2012, 16, 309-313.	1.1	1
61	Perda de matéria seca em grãos de milho armazenados em bolsas herméticas. <i>Revista Ciencia Agronomica</i> , 2012, 43, 674-682.	0.3	17
62	Phosphine-induced walking response of the lesser grain borer (<i>Rhyzopertha dominica</i>). <i>Pest Management Science</i> , 2012, 68, 1368-1373.	3.4	36
63	Insecticidal fumigant action of mustard essential oil against <i>Sitophilus zeamais</i> in maize grains. <i>Crop Protection</i> , 2012, 34, 56-58.	2.1	28
64	Bioactivity of <i>Jatropha curcas</i> L. to insect pests of stored products. <i>Journal of Stored Products Research</i> , 2012, 48, 111-113.	2.6	35
65	Efficacy of ozone as a fungicidal and detoxifying agent of aflatoxins in peanuts. <i>Journal of the Science of Food and Agriculture</i> , 2012, 92, 899-905.	3.5	104
66	Decomposition kinetics of gaseous ozone in peanuts. <i>Engenharia Agricola</i> , 2011, 31, 930-939.	0.7	27
67	Diffusion and sorption of allyl isothiocyanate in the process of fumigation of maize. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2011, 15, 296-301.	1.1	14
68	Effect of the ozonization process on the quality of peanuts and crude oil. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2011, 15, 154-160.	1.1	23
69	Fumigant toxicity of allyl isothiocyanate to populations of the red flour beetle <i>Tribolium castaneum</i> . <i>Journal of Stored Products Research</i> , 2011, 47, 238-243.	2.6	36
70	Quality of beans stored under hermetic conditions. <i>Engenharia Agricola</i> , 2011, 31, 1136-1149.	0.7	9
71	Quality of maize grains treated with allyl isothiocyanate stored in hermetic bags. <i>Journal of Stored Products Research</i> , 2010, 46, 111-117.	2.6	13
72	Qualidade de grãos de milho armazenados em silos bolsa. <i>Revista Ciencia Agronomica</i> , 2010, 41, 200-207.	0.3	17

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73	Influence of soybean storage conditions on crude oil quality. Revista Brasileira De Engenharia Agricola E Ambiental, 2010, 14, 303-308.	1.1	30
74	Spread of phosphine resistance among brazilian populations of three species of stored product insects. Neotropical Entomology, 2010, 39, 101-107.	1.2	98
75	Toxicidade da combinaçŁo de diÓxido de carbono e fosfina sob diferentes temperaturas para Tribolium castaneum. Revista Brasileira De Engenharia Agricola E Ambiental, 2010, 14, 881-886.	1.1	6
76	Armazenamento de soja em silos tipo bolsa. Engenharia Agricola, 2009, 29, 91-100.	0.7	10
77	Phosphine resistance in Brazilian populations of Sitophilus zeamais Motschulsky (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 107	2.6	147
78	Developmental and population growth rates of phosphine-resistant and -susceptible populations of stored-product insect pests. Journal of Stored Products Research, 2009, 45, 241-246.	2.6	72
79	Phoretic load of the parasitic mite Acarophenax lacunatus (Cross & Krantz) (Prostigmata: Tj ETQq1 1 0.784314 rgBT /Overlock 107	2.6	13
80	Ozone as a management alternative against phosphine-resistant insect pests of stored products. Journal of Stored Products Research, 2008, 44, 379-385.	2.6	93
81	Resistance of stored-product insects to phosphine. Pesquisa Agropecuaria Brasileira, 2008, 43, 1671-1676.	0.9	39
82	AvaliaçŁo da qualidade tecnolÓgica do feijŁo durante o armazenamento. Ciencia E Agrotecnologia, 2008, 32, 517-524.	1.5	7
83	Computational Study of Anaerobiosis Acceleration in Hermetic Storage of Maize using Oxygen Depletion. , 2007, , .		0
84	Computational study of oxygen infiltration due to damage in the silo bag surface. , 2007, , .		0
85	Phosphine resistance, respiration rate and fitness consequences in stored-product insects. Pest Management Science, 2007, 63, 876-881.	3.4	178
86	Parasitism of the mite Acarophenax lacunatus on Tribolium castaneum. Pesquisa Agropecuaria Brasileira, 2006, 41, 1059-1061.	0.9	2
87	AssociaçŁo de deltametrina com Acarophenax lacunatus e seu impacto sobre o desenvolvimento de Rhyzopertha dominica. Pesquisa Agropecuaria Brasileira, 2006, 41, 1235-1240.	0.9	2
88	Interaction between organophosphate insecticides and the parasitic miteAcarophenax lacunatus(Prostigmata: Acarophenacidae) onRhyzopertha dominica(Coleoptera: Bostrichidae). Biocontrol Science and Technology, 2004, 14, 251-260.	1.3	0
89	Parasitism by the mite Acarophenax lacunatus on beetle pests of stored products. BioControl, 2003, 48, 503-513.	2.0	9
90	Host egg preference by the parasitic mite Acarophenax lacunatus (Prostigmata: Acarophenacidae). Journal of Stored Products Research, 2003, 39, 571-575.	2.6	9

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91	Modelagem das perdas causadas por <i>Sitophilus zeamais</i> e <i>Rhyzopertha dominica</i> em trigo armazenado. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2003, 7, 292-296.	1.1	8
92	Persistence and activity towards <i>Sitophilus zeamais</i> (Coleoptera: Curculionidae) of pirimiphos-methyl sprayed at different temperatures on maize. <i>Journal of Stored Products Research</i> , 2002, 38, 167-175.	2.6	13
93	Pyrethroid-Acarophenax lacunatus interaction in suppressing the beetle <i>Rhyzopertha dominica</i> on stored wheat. <i>Experimental and Applied Acarology</i> , 2002, 26, 231-242.	1.6	4
94	PH"Postharvest Technology. <i>Biosystems Engineering</i> , 2001, 80, 65-80.	0.4	45
95	Effect of Temperature on Development and Population Growth of <i>Acarophenax lacunatus</i> (Cross & Tj ETQq1 1 0.784314 rgBT /Overl Biocontrol Science and Technology, 2001, 11, 5-12.	1.3	13
96	Potential of <i>Acarophenax lacunatus</i> (Prostigmata: Acarophenacidae) as a biological control agent of <i>Rhyzopertha dominica</i> (Coleoptera: Bostrichidae). <i>Journal of Stored Products Research</i> , 2000, 36, 55-63.	2.6	23
97	Utiliza"o da fosfina em combina"o com o di"oxido de carbono no controle do <i>Rhyzopertha dominica</i> (f.). <i>Pesquisa Agropecuaria Brasileira</i> , 2000, 35, 1063-1069.	0.9	7