

Ivano Alessandro Devilla

List of Publications by Year in descending order

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32
papers

420
citations

933264

10
h-index

794469

19
g-index

32
all docs

32
docs citations

32
times ranked

640
citing authors

#	ARTICLE	IF	CITATIONS
1	Azadirachta indica A. Juss (Meliaceae) microencapsulated bioinsecticide: Spray drying technique optimization, characterization, in vitro release, and degradation kinetics. Powder Technology, 2021, 382, 144-161.	2.1	6
2	Comparison of mathematical models to describe the drying kinetics of minimally processed ponkan tangerine / Comparação de modelos matemáticos para descrição da cinética de secagem de tangerina ponkan minimamente processada. Brazilian Journal of Development, 2021, 7, 42475-42486.	0.0	0
3	Influence of buriti pulp (Mauritia Flexuosa L.) concentration on thermophysical properties and antioxidant capacity. LWT - Food Science and Technology, 2021, 151, 112098.	2.5	9
4	Soybean hulls: Optimization of the pulping and bleaching processes and carboxymethyl cellulose synthesis. International Journal of Biological Macromolecules, 2020, 144, 208-218.	3.6	25
5	Bean color and hardness modeling as a function of storage conditions. Research, Society and Development, 2020, 9, e725974414.	0.0	2
6	ISOSTERIC HEAT, ENTROPY, AND GIBBS FREE ENERGY OF PUMPKIN SEEDS (Cucurbita moschata). Engenharia Agricola, 2018, 38, 97-102.	0.2	6
7	Application of GAB Model for Water Desorption Isotherms and Thermodynamic Analysis of Sugar Beet Seeds. Journal of Food Process Engineering, 2017, 40, e12278.	1.5	21
8	Influence of ascorbic acid on physiological deterioration of pieces of cassava raw pulp. African Journal of Agricultural Research Vol Pp, 2017, 12, 1639-1645.	0.2	0
9	Mathematical modeling of the pulp drying curves murici (Byrsonima crassifolia): The foam layer drying. African Journal of Agricultural Research Vol Pp, 2017, 12, 1547-1551.	0.2	2
10	Mechanical properties of baru fruit (Dipteryx alata Vogel). Semina:Ciencias Agrarias, 2017, 38, 185.	0.1	5
11	CINÉTICA DE SECAGEM DE GRÃOS DE QUINOA (Chenopodium quinoa W.). Revista Engenharia Na Agricultura - REVENG, 2017, 25, 318-325.	0.2	13
12	Physiological Quality of Soybean Seeds Treated with Carboxymethyl Cellulose and Fungicide. American Journal of Plant Sciences, 2017, 08, 2748-2757.	0.3	7
13	Determining and modeling the physical, thermal and aerodynamic properties of Pinto beans with different water contents. African Journal of Agricultural Research Vol Pp, 2016, 11, 4735-4741.	0.2	1
14	Physiological quality of sesame seed harvested at different plant positions and maturity stages. African Journal of Agricultural Research Vol Pp, 2016, 11, 2825-2832.	0.2	2
15	Physiological quality of quinoa seeds submitted to different storage conditions. African Journal of Agricultural Research Vol Pp, 2016, 11, 1299-1308.	0.2	18
16	Kinetics drying of Spirulina platensis. African Journal of Agricultural Research Vol Pp, 2016, 11, 4683-4691.	0.2	1
17	Development of an automated system of aeration for grain storage. African Journal of Agricultural Research Vol Pp, 2016, 11, 4293-4303.	0.2	5
18	Bioactive Compounds Found in Brazilian Cerrado Fruits. International Journal of Molecular Sciences, 2015, 16, 23760-23783.	1.8	103

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19	Physiological Quality of Pigeonpea Seed after Application of Desiccant Herbicides. American Journal of Plant Sciences, 2015, 06, 826-832.	0.3	2
20	Qualidade fisiológica de sementes de crambe submetidas à secagem. Revista Ciencia Agronomica, 2014, 45, 453-460.	0.1	8
21	Perda de pressão estática em uma coluna de grãos de quinoa. Revista Brasileira De Engenharia Agricola E Ambiental, 2013, 17, 848-854.	0.4	4
22	Modelagem matemática das curvas de secagem e coeficiente de difusão de grãos de feijão-caupi (Vigna Tj ET Oq 0 0 0 rg BT /Overlo	0.1	18
23	Cinética de secagem de sementes de crambe. Revista Brasileira De Engenharia Agricola E Ambiental, 2012, 16, 573-583.	0.4	36
24	Kinetics of drying of basil leaves (Ocimum basilicum L.) in the infrared. Revista Brasileira De Engenharia Agricola E Ambiental, 2012, 16, 1346-1352.	0.4	19
25	Qualidade fisiológica de sementes de soja (Glycine max. L.) durante o beneficiamento. Semina:Ciencias Agrarias, 2011, 32, 1219-1230.	0.1	10
26	Modelagem matemática da secagem da pimenta Cumari do Pará. Revista Brasileira De Engenharia Agricola E Ambiental, 2011, 15, 347-353.	0.4	26
27	Insecticidal and repellency activity of essential oil of Eucalyptus sp. against Sitophilus zeamais Motschulsky (Coleoptera, Curculionidae). Journal of the Science of Food and Agriculture, 2011, 91, 273-277.	1.7	53
28	Distribuição do fluxo de ar em silos com sistema de aeração: análise por elementos finitos. Revista Brasileira De Engenharia Agricola E Ambiental, 2005, 9, 256-262.	0.4	2
29	Variação da temperatura e umidade de grãos armazenados em silos com aeração. Revista Brasileira De Engenharia Agricola E Ambiental, 2004, 8, 284-291.	0.4	1
30	Características de frutos de café sob compressão. Revista Brasileira De Engenharia Agricola E Ambiental, 2002, 6, 117-122.	0.4	4
31	Comportamento mecânico de frutos de café: módulo de deformidade. Revista Brasileira De Engenharia Agricola E Ambiental, 2002, 6, 285-294.	0.4	10
32	QUALIDADE DE GRÃOS DE MILHO SUBMETIDOS AO PROCESSO DE SECA-AERAÇÃO. Revista Brasileira De Engenharia Agricola E Ambiental, 1999, 3, 211-215.	0.4	1