

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	Bioactive Compounds Found in Brazilian Cerrado Fruits. International Journal of Molecular Sciences, 2015, 16, 23760-23783.	1.8	103
2	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
3	Cin�tica de secagem de sementes de crambe. Revista Brasileira De Engenharia Agricola E Ambiental, 2012, 16, 573-583.	0.4	36
4	Modelagem matem�tica da secagem da pimenta Cumari do Par�. Revista Brasileira De Engenharia Agricola E Ambiental, 2011, 15, 347-353.	0.4	26
5	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
6	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
7	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
8	Physiological quality of quinoa seeds submitted to different storage conditions. African Journal of Agricultural Research Vol Pp, 2016, 11, 1299-1308.	0.2	18
9	Modelagem matem�tica das curvas de secagem e coeficiente de difus�o de gr�os de feij�o-caupi (Vigna Tj ETOp1 1 0.784314 r	0.1	18
10	CIN�TICA DE SECAGEM DE GR�FOS DE QUINOA (Chenopodium quinoa W.). Revista Engenharia Na Agricultura - REVENG, 2017, 25, 318-325.	0.2	13
11	Qualidade fisiol�gica de sementes de soja (Glycine max. L.) durante o beneficiamento. Semina:Ciencias Agrarias, 2011, 32, 1219-1230.	0.1	10
12	Comportamento mec�nico de frutos de caf�: m�dulo de deformidade. Revista Brasileira De Engenharia Agricola E Ambiental, 2002, 6, 285-294.	0.4	10
13	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
14	Qualidade fisiol�gica de sementes de crambe submetidas � secagem. Revista Ciencia Agronomica, 2014, 45, 453-460.	0.1	8
15	Physiological Quality of Soybean Seeds Treated with Carboxymethyl Cellulose and Fungicide. American Journal of Plant Sciences, 2017, 08, 2748-2757.	0.3	7
16	ISOSTERIC HEAT, ENTROPY, AND GIBBS FREE ENERGY OF PUMPKIN SEEDS (Cucurbita moschata). Engenharia Agricola, 2018, 38, 97-102.	0.2	6
17	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
18	Development of an automated system of aeration for grain storage. African Journal of Agricultural Research Vol Pp, 2016, 11, 4293-4303.	0.2	5

#	ARTICLE	IF	CITATIONS
19	Mechanical properties of baru fruit (<i>Dipteryx alata</i> Vogel). <i>Semina: Ciencias Agrarias</i> , 2017, 38, 185.	0.1	5
20	Características de frutos de café sob compressão. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2002, 6, 117-122.	0.4	4
21	Perda de pressão estática em uma coluna de grãos de quinoa. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2013, 17, 848-854.	0.4	4
22	Distribuição do fluxo de ar em silos com sistema de aeração: análise por elementos finitos. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2005, 9, 256-262.	0.4	2
23	Physiological Quality of Pigeonpea Seed after Application of Desiccant Herbicides. <i>American Journal of Plant Sciences</i> , 2015, 06, 826-832.	0.3	2
24	Physiological quality of sesame seed harvested at different plant positions and maturity stages. <i>African Journal of Agricultural Research</i> Vol Pp, 2016, 11, 2825-2832.	0.2	2
25	Mathematical modeling of the pulp drying curves murici (<i>Byrsonima crassifolia</i>): The foam layer drying. <i>African Journal of Agricultural Research</i> Vol Pp, 2017, 12, 1547-1551.	0.2	2
26	Bean color and hardness modeling as a function of storage conditions. <i>Research, Society and Development</i> , 2020, 9, e725974414.	0.0	2
27	QUALIDADE DE GRÃOS DE MILHO SUBMETIDOS AO PROCESSO DE SECA-AERAÇÃO. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 1999, 3, 211-215.	0.4	1
28	Variação da temperatura e umidade de grãos armazenados em silos com aeração. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2004, 8, 284-291.	0.4	1
29	Determining and modeling the physical, thermal and aerodynamic properties of Pinto beans with different water contents. <i>African Journal of Agricultural Research</i> Vol Pp, 2016, 11, 4735-4741.	0.2	1
30	Kinetics drying of <i>Spirulina platensis</i> . <i>African Journal of Agricultural Research</i> Vol Pp, 2016, 11, 4683-4691.	0.2	1
31	Influence of ascorbic acid on physiological deterioration of pieces of cassava raw pulp. <i>African Journal of Agricultural Research</i> Vol Pp, 2017, 12, 1639-1645.	0.2	0
32	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. <i>Brazilian Journal of Development</i> , 2021, 7, 42475-42486.	0.0	0