

Chalida Niamnuy

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

665
citations

687220

13
h-index

610775

24
g-index

25
all docs

25
docs citations

25
times ranked

896
citing authors

#	ARTICLE	IF	CITATIONS
1	Invited review: Modelling quality changes of fruits and vegetables during drying: a review. <i>International Journal of Food Science and Technology</i> , 2010, 45, 1755-1767.	1.3	91
2	Texture Modification Technologies and Their Opportunities for the Production of Dysphagia Foods: A Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2019, 18, 1898-1912.	5.9	81
3	Removal of Heavy Metal Ions Using Modified Celluloses Prepared from Pineapple Leaf Fiber. <i>ACS Omega</i> , 2020, 5, 5285-5296.	1.6	81
4	Kinetic modelling of drying and conversion/degradation of isoflavones during infrared drying of soybean. <i>Food Chemistry</i> , 2012, 133, 946-952.	4.2	70
5	Evaluation of bioactive compounds and bioactivities of soybean dried by different methods and conditions. <i>Food Chemistry</i> , 2011, 129, 899-906.	4.2	55
6	Bioactive Compounds and Bioactivities of <i>Centella asiatica</i> (L.) Urban Prepared by Different Drying Methods and Conditions. <i>Drying Technology</i> , 2013, 31, 2007-2015.	1.7	40
7	Application of Combined Farâ€infrared Radiation and Air Convection for Drying of Instant Germinated Brown Rice. <i>Journal of Food Process Engineering</i> , 2016, 39, 306-318.	1.5	33
8	Mathematical model for continuous and intermittent microwave-assisted extraction of bioactive compound from plant material: Extraction of Î²-carotene from carrot peels. <i>Chemical Engineering Science</i> , 2014, 116, 442-451.	1.9	32
9	Physical properties, morphology and saltiness of salt particles as affected by spray drying conditions and potassium chloride substitution. <i>Powder Technology</i> , 2018, 326, 265-271.	2.1	28
10	Stabilization of rice bran via different moving-bed drying methods. <i>Drying Technology</i> , 2016, 34, 1854-1867.	1.7	24
11	Production of Glycerol Carbonate from Glycerol over Templated-Sodium-Aluminate Catalysts Prepared Using a Spray-Drying Method. <i>ACS Omega</i> , 2019, 4, 9001-9009.	1.6	24
12	Optimization of synthesis condition for carboxymethyl celluloseâ€based hydrogel from rice straw by microwaveâ€assisted method and its application in heavy metal ions removal. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 413-425.	1.6	22
13	Influence of the Calcination Technique of Silica on the Properties and Performance of Ni/SiO ₂ Catalysts for Synthesis of Hydrogen via Methane Cracking Reaction. <i>ACS Omega</i> , 2019, 4, 18076-18086.	1.6	13
14	Synthesis of Value-Added Chemicals via Oxidative Coupling of Methanes over Na ₂ WO ₄ â€TiO ₂ â€MnO _x /SiO ₂ Catalysts with Alkali or Alkali Earth Oxide Additives. <i>ACS Omega</i> , 2020, 5, 13612-13620.	1.6	13
15	Influences of pretreatment and drying methods on composition, micro/molecular structures and some healthâ€related functional characteristics of dietary fibre powder from orange pulp residues. <i>International Journal of Food Science and Technology</i> , 2017, 52, 2217-2229.	1.3	11
16	Impacts of spray drying conditions on stability of isoflavones in microencapsulated soybean extract. <i>Drying Technology</i> , 2019, 37, 1844-1862.	1.7	7
17	Synthesis of Dimethyl Ether via CO ₂ Hydrogenation: Effect of the Drying Technique of Alumina on Properties and Performance of Alumina-Supported Copper Catalysts. <i>ACS Omega</i> , 2020, 5, 2334-2344.	1.6	7
18	Modification of pineapple leaf fibers with aminosilanes as adsorbents for H ₂ S removal. <i>Chemosphere</i> , 2021, 266, 129000.	4.2	7

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19	Spray drying of non-chemically prepared nanofibrillated cellulose: Improving water redispersibility of the dried product. <i>International Journal of Biological Macromolecules</i> , 2022, 207, 434-442.	3.6	7
20	Statistical optimization for precipitation of bioactive compounds from extracted <i>Centella asiatica</i> using gas anti-solvent technique. <i>Journal of Food Process Engineering</i> , 2020, 43, e13318.	1.5	5
21	Synthesis of Light Hydrocarbons via Oxidative Coupling of Methane over Silica-supported Na ₂ WO ₄ -TiO ₂ Catalyst. <i>Engineering Journal</i> , 2019, 23, 169-182.	0.5	5
22	Comparative evaluation of the effect of microfluidisation on physicochemical properties and usability as food thickener and Pickering emulsifier of autoclaved and TEMPO-oxidised nanofibrillated cellulose. <i>International Journal of Food Science and Technology</i> , 2021, 56, 4298-4315.	1.3	4
23	Textural properties and muscle activities during mastication of normal and ultrasonically softened sticky rice aimed for consumers with swallowing disorder: A pilot study. <i>Journal of Texture Studies</i> , 2021, 52, 561-566.	1.1	3
24	Effect of surface treatment technique on properties and performance of Na ₂ WO ₄ -TiO ₂ -MnO _x /SiO ₂ for oxidative coupling of methane. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 3101-3113.	1.6	2
25	Influence of drying technique on physicochemical properties of bimodal meso-macropore structure of silica support. , 0, , .		0