

Zuhaili Idham

List of Publications by Year in descending order

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35
papers

431
citations

933447

10
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752698

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37
all docs

37
docs citations

37
times ranked

482
citing authors

#	ARTICLE	IF	CITATIONS
1	DEGRADATION KINETICS AND COLOR STABILITY OF SPRAY-DRYED ENCAPSULATED ANTHOCYANINS FROM <i>HIBISCUS SABDARIFFA</i> L.. Journal of Food Process Engineering, 2012, 35, 522-542.	2.9	148
2	Improvement of extraction and stability of anthocyanins, the natural red pigment from roselle calyces using supercritical carbon dioxide extraction. Journal of CO2 Utilization, 2022, 56, 101839.	6.8	38
3	Effect of particle size on yield extract and antioxidant activity of peanut skin using modified supercritical carbon dioxide and soxhlet extraction. Journal of Food Processing and Preservation, 2018, 42, e13689.	2.0	34
4	EFFECT OF THERMAL PROCESSES ON ROSELLE ANTHOCYANINS ENCAPSULATED IN DIFFERENT POLYMER MATRICES. Journal of Food Processing and Preservation, 2012, 36, 176-184.	2.0	33
5	Effect of operating conditions on catechin extraction from betel nuts using supercritical CO ₂ -methanol extraction. Separation Science and Technology, 2018, 53, 662-670.	2.5	17
6	Extraction of peanut skin oil by modified supercritical carbon dioxide: Empirical modelling and optimization. Separation Science and Technology, 2018, 53, 2695-2703.	2.5	15
7	Extraction and identification of bioactive compounds from agarwood leaves. IOP Conference Series: Materials Science and Engineering, 2016, 162, 012028.	0.6	12
8	Mini Review: Extraction of Allicin from <i>Allium sativum</i> using Subcritical Water Extraction. IOP Conference Series: Materials Science and Engineering, 0, 932, 012023.	0.6	12
9	Effect of flow rate, particle size and modifier ratio on the supercritical fluid extraction of anthocyanins from <i>Hibiscus sabdariffa</i> (L).. IOP Conference Series: Materials Science and Engineering, 2020, 932, 012031.	0.6	11
10	Mini review: Application of supercritical carbon dioxide in extraction of propolis extract. Malaysian Journal of Fundamental and Applied Sciences, 2018, 14, 387-396.	0.8	11
11	Extraction and Solubility Modeling of Anthocyanins Rich Extract from <i>Hibiscus sabdariffa</i> L. using Supercritical Carbon Dioxide. Malaysian Journal of Fundamental and Applied Sciences, 2021, 17, 720-730.	0.8	11
12	Formulation and evaluation of a new semi-empirical model for solubility of plant extracts in supercritical carbon dioxide assisted by ethanol as co-solvent. Chemical Engineering Communications, 2021, 208, 1326-1334.	2.6	10
13	Investigation of Phenolic, Flavonoid and Antioxidant Recovery and Solubility from Roselle Using Supercritical Carbon Dioxide: Experimental and Modelling. Journal of Food Processing and Preservation, 0, , .	2.0	10
14	Optimization of supercritical carbon dioxide extraction of Piper Betel Linn leaves oil and total phenolic content. IOP Conference Series: Materials Science and Engineering, 2016, 162, 012031.	0.6	9
15	Effect of particle size and co-extractant in <i>Momordica charantia</i> extract yield and diffusion coefficient using supercritical CO ₂ . Malaysian Journal of Fundamental and Applied Sciences, 2018, 14, 368-373.	0.8	8
16	Comparison of charantin extract from <i>Momordica Charantia</i> using modified supercritical carbon dioxide and soxhlet extraction method. Malaysian Journal of Fundamental and Applied Sciences, 2018, 14, 462-466.	0.8	8
17	Kinetic study of catechin extracted from <i>Areca catechu</i> seeds using green extraction method. Asia-Pacific Journal of Chemical Engineering, 2014, 9, 743-750.	1.5	6
18	Effects of process parameters on peanut skins extract and CO ₂ diffusivity by supercritical fluid extraction. IOP Conference Series: Materials Science and Engineering, 2018, 334, 012057.	0.6	5

#	ARTICLE	IF	CITATIONS
19	Solubility of sinensetin and isosinensetin from <i>Catappa</i> 's Whiskers (<i>Orthosiphon stamineus</i>) leaves in ethanol-assisted supercritical carbon dioxide extraction: experimental and modeling. <i>Chemical Papers</i> , 2021, 75, 6557.	2.2	5
20	Optimization and effect of supercritical carbon dioxide extraction conditions on global oil yield and eugenol from piper betle leaves. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2017, 13, 680-684.	0.8	5
21	Kinetic Modeling of Supercritical Fluid Extraction of Betel Nut. <i>International Journal of Automotive and Mechanical Engineering</i> , 2018, 15, 5273-5284.	0.9	5
22	Parametric Evaluation for Extraction of Catechin from <i>Areca Catechu</i> Linn Seeds using Supercritical CO ₂ Extraction. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	4
23	A New solubility model for competing effects of three solvents: Water, ethanol, and supercritical carbon dioxide. <i>Separation Science and Technology</i> , 2022, 57, 2269-2275.	2.5	3
24	Effect of Particle Size on the Oil Yield and Catechin Compound Using Accelerated Solvent Extraction. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2012, 60, .	0.4	2
25	Extraction and Identification of Vitamin E from <i>Pithecellobium Jiringan</i> Seeds Using Supercritical Carbon Dioxide. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	2
26	Effect of Supercritical Carbon Dioxide Condition on Oil Yield and Solubility of <i>Pithecellobium Jiringan</i> (Jack) Prain Seeds. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2012, 60, .	0.4	1
27	Application of Rubber (<i>Hevea Brasiliensis</i>) Seeds Oil Extracted using Supercritical Carbon Dioxide in Cosmetics. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 69, .	0.4	1
28	Development of Emulsification containing Natural Colorant from Local Plant (Roselle). <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 69, .	0.4	1
29	Supercritical Carbon Dioxide Extraction of Malaysian Stingless Bees Propolis: Influence of Extraction Time, Co-modifier and Kinetic Modelling. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 932, 012018.	0.6	1
30	Blended Chitosan and Polyvinyl Alcohol Membrane for Pervaporation Separation Methanol/Methyl tert-Butyl Ether Mixture. (II) Effect of Operating Parameters. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 69, .	0.4	0
31	Formulation of Green Varnish from Ecological Friendly Material for the Development of Offset Printing Ink. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 67, .	0.4	0
32	Extraction of Beta Carotene from Palm Mesocarp via Green Sub-critical Carbon Dioxide. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	0
33	Optimisation of squalene from palm oil mesocarp using supercritical carbon dioxide. , 2015, , .		0
34	Characteristics and Empirical Modelling of Extract from <i>Hibiscus sabdariffa</i> Using Supercritical CO ₂ Extraction with Ethanol-Water as Modifier. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 375-388.	0.4	0
35	ENHANCEMENT AND OPTIMIZATION OF SINENSETIN EXTRACT FROM <i>Orthosiphon stamineus</i> USING SUPERCRITICAL CARBON DIOXIDE EXTRACTION. <i>Malaysian Journal of Analytical Sciences</i> , 2018, 22, .	0.1	0