

Zuhaili Idham

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

431
citations

933447

10
h-index

752698

20
g-index

37
all docs

37
docs citations

37
times ranked

482
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of extraction and stability of anthocyanins, the natural red pigment from roselle calyces using supercritical carbon dioxide extraction. <i>Journal of CO2 Utilization</i> , 2022, 56, 101839.	6.8	38
2	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
3	Formulation and evaluation of a new semi-empirical model for solubility of plant extracts in supercritical carbon dioxide assisted by ethanol as co-solvent. <i>Chemical Engineering Communications</i> , 2021, 208, 1326-1334.	2.6	10
4	Characteristics and Empirical Modelling of Extract from Hibiscus sabdariffa Using Supercritical CO2 Extraction with Ethanol-Water as Modifier. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 375-388.	0.4	0
5	Solubility of sinensetin and isosinensetin from Catê™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
6	Extraction and Solubility Modeling of Anthocyanins Rich Extract from Hibiscus sabdariffa L. using Supercritical Carbon Dioxide. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2021, 17, 720-730.	0.8	11
7	Effect of flow rate, particle size and modifier ratio on the supercritical fluid extraction of anthocyanins from Hibiscus sabdariffa (L).. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 932, 012031.	0.6	11
8	Effect of operating conditions on catechin extraction from betel nuts using supercritical CO2-methanol extraction. <i>Separation Science and Technology</i> , 2018, 53, 662-670.	2.5	17
9	Extraction of peanut skin oil by modified supercritical carbon dioxide: Empirical modelling and optimization. <i>Separation Science and Technology</i> , 2018, 53, 2695-2703.	2.5	15
10	Effects of process parameters on peanut skins extract and CO ₂ diffusivity by supercritical fluid extraction. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 334, 012057.	0.6	5
11	Effect of particle size on yield extract and antioxidant activity of peanut skin using modified supercritical carbon dioxide and soxhlet extraction. <i>Journal of Food Processing and Preservation</i> , 2018, 42, e13689.	2.0	34
12	Effect of particle size and co-extractant in <i>Momordica charantia</i> extract yield and diffusion coefficient using supercritical CO2. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2018, 14, 368-373.	0.8	8
13	Mini review: Application of supercritical carbon dioxide in extraction of propolis extract. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2018, 14, 387-396.	0.8	11
14	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
15	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
16	Comparison of charantin extract from <i>Momordica Charantia</i> using modified supercritical carbon dioxide and soxhlet extraction method. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2018, 14, 462-466.	0.8	8
17	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
18	Extraction and identification of bioactive compounds from agarwood leaves. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 162, 012028.	0.6	12

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19	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
20	Extraction and Identification of Vitamin E from Pithecellobium Jiringan Seeds Using Supercritical Carbon Dioxide. Jurnal Teknologi (Sciences and Engineering), 2015, 74, .	0.4	2
21	Extraction of Beta Carotene from Palm Mesocarp via Green Sub-critical Carbon Dioxide. Jurnal Teknologi (Sciences and Engineering), 2015, 74, .	0.4	0
22	Parametric Evaluation for Extraction of Catechin from Areca Catechu Linn Seeds using Supercritical CO2 Extraction. Jurnal Teknologi (Sciences and Engineering), 2015, 74, .	0.4	4
23	Optimisation of squalene from palm oil mesocarp using supercritical carbon dioxide. , 2015, , .		0
24	Formulation of Green Varnish from Ecological Friendly Material for the Development of Offset Printing Ink. Jurnal Teknologi (Sciences and Engineering), 2014, 67, .	0.4	0
25	Application of Rubber (Hevea Brasiliensis) Seeds Oil Extracted using Supercritical Carbon Dioxide in Cosmetics. Jurnal Teknologi (Sciences and Engineering), 2014, 69, .	0.4	1
26	Development of Emulsification containing Natural Colorant from Local Plant (Roselle). Jurnal Teknologi (Sciences and Engineering), 2014, 69, .	0.4	1
27	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
28	Blended Chitosan and Polyvinyl Alcohol Membrane for Pervaporation Separation Methanol/Methyl tert-Butyl Ether Mixture. (II) Effect of Operating Parameters. Jurnal Teknologi (Sciences and Engineering), 2014, 69, .	0.4	2
29	Effect of Particle Size on the Oil Yield and Catechin Compound Using Accelerated Solvent Extraction. Jurnal Teknologi (Sciences and Engineering), 2012, 60, .	0.4	2
30	Effect of Supercritical Carbon Dioxide Condition on Oil Yield and Solubility of Pithecellobium Jiringan (Jack) Prain Seeds. Jurnal Teknologi (Sciences and Engineering), 2012, 60, .	0.4	1
31	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
32	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
33	Supercritical Carbon Dioxide Extraction of Malaysian Stingless Bees Propolis: Influence of Extraction Time, Co-modifier and Kinetic Modelling. IOP Conference Series: Materials Science and Engineering, 0, 932, 012018.	0.6	1
34	Mini Review: Extraction of Allicin from Allium sativum using Subcritical Water Extraction. IOP Conference Series: Materials Science and Engineering, 0, 932, 012023.	0.6	12
35	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