# Tabel 1. Ekstraksi Padat-Cair

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Penulis (Tahun) | Judul | Jurnal / Vol (No) | Halaman | Link | Metode Penelitian | Jenis Ekstraksi | Bahan yang Digunakan | Pelarut yang Digunakan |
| 1 | Ilham Arief Pratama, Farid Yudha Nugraha, Abdul Chalim (2019) | Pengaruh Rasio Feed: Solvent dan Waktu terhadap Ekstraksi Oleoresin Jahe dengan Pelarut Etanol | Distilat / 5 (2) | 233-239 | [[1]](#ref1) | Experimental (leaching, Soxhlet extraction) | Padat-cair (leaching, maceration with Soxhlet) | Jahe emprit (Zingiber officinale var. amarum) | Ethanol |
| 2 | Syamsul Bahri (2019) | Ekstraksi Kulit Batang Nangka menggunakan Air untuk Pewarna Alami Tekstil | Jurnal Teknologi Kimia Unimal / 8 (2) | 73-88 | [[2]](#ref2) | Extraction and analysis of natural dye content (varying temperature and time) | Padat-cair (maceration) | Powdered bark of Artocarpus heterophyllus (kulit batang nangka) | Water (ratio 1:10) |
| 3 | Susiana Prasetyo, Felicia Yosephine (2012) | Model Perpindahan Massa pada Ekstraksi Saponin Biji Teh dengan Pelarut Isopropil Alkohol 50% dengan Pengontakan Secara Dispersi Menggunakan Analisis Dimensi | Reaktor / 14 (2) | 87-94 | [[3]](#ref3) | Dimensional analysis for mass transfer model | Padat-cair (dispersion in batch extractor) | Tea seeds (varietas Assamica) | 50% isopropyl alcohol (IPA) |

# Tabel 2. Ekstraksi Cair-Cair

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Penulis (Tahun) | Judul | Jurnal / Vol (No) | Halaman | Link | Metode Penelitian | Jenis Ekstraksi | Bahan yang Digunakan | Pelarut yang Digunakan |
| 1 | Agus Mirwan (2013) | Keberlakuan Model HB-GFT Sistem n-Heksana–MEK–Air pada Ekstraksi Cair-Cair Kolom Isian | Konversi / 2 (1) | 32-39 | [[4]](#ref4) | Experimental (gas chromatography analysis) | Cair-cair (packed column, unagitated) | Water-MEK-n-hexane system | Methyl ethyl ketone (MEK), n-hexane, water |
| 2 | Akhmad Endang Zainal Hasan, Ismanto Yuwono Wiendarlina, Witdiastuti (2022) | Penerapan Ekstraksi Cair Tekanan Uap Tinggi Menggunakan Bahan Halal untuk Optimasi Antioksidan | Jurnal Agroindustri Halal / 8 (1) | 116-127 | [[5]](#ref5) | DPPH (uji antioksidan) | Cair tekanan uap tinggi (high-pressure liquid using autoclave at 1 atm) | Soursop leaves (Annona muricata L.) | Distilled water (aquades) |
| 3 | Dedy Husnurrofiq, Wahyudi Budi Sediawan, Himawan Tri Bayu Murti Petrus (2021) | Distribusi Hafnium pada Model Kesetimbangan Cair-Cair: Ekstraksi Pemisahan Zr/Hf | Prosiding RITEKTRA 2021 / - | - | [[6]](#ref6) | ICP-OES for hafnium concentration, mass balance | Cair-cair (single stage liquid-liquid extraction) | Natural zirconium sand from Kalimantan Tengah (zirconium ~60%), ZrO(NO₃)₂ feed solution | Tributyl phosphate (TBP) diluted in kerosene (0.5 M–2 M) |
| 4 | Adhi Kusumastuti (-) | Studi Komparasi Metode Ekstraksi Cair-Cair dengan Metode Membran Cair Emulsi pada Pemulihan Fenol dari Air Limbah | - | - | [[7]](#ref7) | Experimental (mass transfer coefficient measurement using UV spectrophotometer) | Cair-cair (emulsion liquid membrane) | Phenol in wastewater | Kerosene (membrane liquid), NaOH 0.1 M (stripping agent) |
| 5 | Hermawan, Lelita S. Sari (2016) | Pemodelan Kesetimbangan Cair-Cair Dalam Pemungutan Senyawa Fenol Dari Limbah Cair Industri Tekstil Dengan Proses Ekstraksi | Skripsi Teknik Kimia, Universitas Negeri Semarang / - | - | [[8]](#ref8) | Ekstraksi cair-cair with UV-Vis spectrophotometry for equilibrium data | Cair-cair (stirring for 70 minutes, phase separation) | Limbah cair industri tekstil containing phenol (10 ppm) | Methanol and acetone (70%) |

# Daftar Referensi

[1] https://jurnal.polinema.ac.id/index.php/distilat/article/download/2096/1596/6582

[2] https://ojs.unimal.ac.id/index.php/jtk/article/view/2683/1657

[3] https://ejournal.undip.ac.id/index.php/reaktor/article/download/8129/6670

[4] https://media.neliti.com/media/publications/107323-ID-none.pdf

[5] https://ojs.unida.ac.id/Agrohalal/article/download/5556/2989/18517

[6] https://journal.unpar.ac.id/index.php/ritektra/article/view/4853/3510

[7] https://lib.unnes.ac.id/40500/1/Studi%20komparasi%20metode%20ekstraksi%20cair-cair%20dengan%20metode%20membrane%20cair%20emulsi%20pada%20pemulihan%20fenol%20dari%20air%20limbah.pdf

[8] https://lib.unnes.ac.id/27744/1/5213412005.pdf