

SUPERCRITICAL WATCH

Your weekly report about supercritical and subcritical processes to make good decisions



Weekly Report : 30th May to 6th June 2018

Watch realized by **Kasop Tech & Event** | Collect and sorting of relevant data | All links are checked | [Subscribe now](#)

[SCF Companies](#)

[Scientific paper
& news](#)

[SCF Products
market](#)

[Extended technologies](#)

Events Events

May 17 2018

[Institut de Chimie Organique et Analytique - ICOA UMR7311 | Institut ...](#)

www.icoa.fr/fr

Les axes de recherche développés au sein de l'Institut de Chimie Organique et ... Chromatographie en phase supercritique analytique et préparative (chimie ... Formation chromatographie supercritique : 14 et 15 juin



Professional training for sc fluids chromatography by ICOA (Orleans, France)



June 2 2018

[naxos2018 - UEST](#)

https://naxos2018.uest.gr/.../first_draft_NAXOS2018agenda.pdf

Session of the "NAXOS 2018 6th International Conference on Sustainable Application of supercritical fluids for polyphenolic compounds extraction from olive ...



Conference on Sc fluids : SESSION XIX (Page 2)



SCF Companies SCF Companies




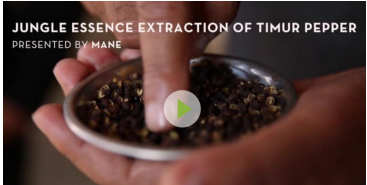


June 5 2018

[Ceapro Announces Results of 2018 Shareholders' Meeting – Ceapro](#)

ceapro.com/.../ceapro-announces-results-of-2018-shareholders-meeting

Ceapro Announces Results of 2018 Shareholders' Meeting ...
Case Study at the 12th International Symposium on Supercritical Fluids – Ceapro receives issued ..



	<p>June 5 2018 Commercialization of the Supercritical Water Oxidation (SCWO) Project https://www.prnewswire.com/news-releases/powerverde-discusses-the-financial-impact-of-the-planned-commercialization-of-the-super PowerVerde Discusses the Financial Impact of the Planned Commercialization of the Supercritical Water Oxidation (SCWO) Project</p>	
	<p>June 1 2018 Turbomachinery Magazine https://www.turbomachinerymag.com/ NET Power says it has successfully achieved first fire of its supercritical carbon ... Texas A&M's The Asia Turbomachinery & Pump Symposium (ATPS) opened in ...</p>	
	<p>May 30 2018 Jungle essence™ MANE https://www.mane.com > Innovation Our production unit within our Le Bar-sur-Loup headquarters is specifically dedicated to the art of extraction using supercritical fluids. Through use of this ...  <i>Sc Extraction performed in Nepal village in front of village producers</i></p>	
	<p>June 2 2018 Ecoextractum https://www.ecoextractum.com/ Company specializes in the production of CO2 extracts. The objective of the company is to provide customer high quality and pure product, while implementing ...</p>	
	<p>May 30 2018 Valens GroWorks Capitalizing on the Cannabis Extracts and Products ... https://globenewswire.com/.../Valens-GroWorks-Capitalizing-on-th. Valens AgriTech utilizes state-of-the-art CO2 extraction equipment that efficiently yields pure extracts with minimal post-processing requirements. With the recent ...</p>	

June 5 2018

[World Bank Water](#)

New innovation in waste water treatment: The technology is known as supercritical water oxidation (SCWO). It is used to process water tainted with organic toxins, while producing harmless organic salts, carbon dioxide and nitrogen as by-products.

detected on twitter



June 6 2018

[CO2 Crew @theco2company](#)

We process all material in-house to manage our quality control process. A-grade trim or nug runs go into the supercritical extraction runs which goes into our [#FullSpectrum](#) line of cartridges.

detected on twitter



June 6 2018

[Nexera UC/s enables Liquid and Supercritical Fluid Chromatography ...](#)

<https://www.labmate-online.com/.../chromatography/...supercritical> Shimadzu's Nexera UC/s (SFC/UHPLC switching system) allows measurements by liquid chromatography (LC) and supercritical fluid chromatography (SFC) on ...



Scientific papers & news

Scientific papers & news

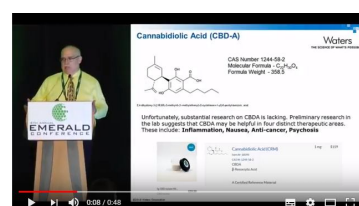
June 3 2018

[Andy Aubin presenting at the 4th annual Emerald Conference - YouTube](#)

<https://www.youtube.com/watch?v=-zA-JLJMAPQ>

Ajouté par Emerald Scientific

Watch this preview of Andy Aubin presenting, "The Use of Preparative Supercritical Fluid Chromatography for ...

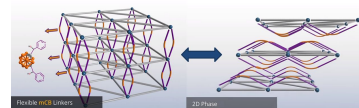


May 30 2018

[ICMAB researchers develop flexible materials that switch from nano ...](#)

icmab.es/icmab-researchers-develop-flexible-materials-that-switch-...

"The observed transformation is trigger not only by convectional organic solvents but also by green supercritical CO2, opening the way to sustainable processes" ...



June 6 2018

[Prediction of the best cosolvents to solubilise fatty acids in supercritical ...](#)

<https://www.sciencedirect.com/science/article/.../S0009250918303> However, choosing a proper cosolvent in supercritical extraction is an arduous task. ... miscibility;; cosolvent effect;; carbon dioxide;; supercritical fluid extraction ...



June 2 2018

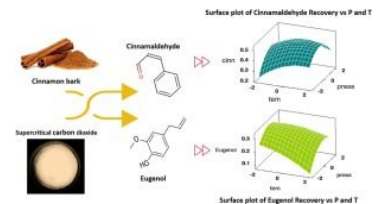
[University of Udine: how to recover wine industry sub-products](#)
[https://www.researchitaly.it/.../university-of-udine-how-to-recover-..of-the-SFE - Supercritical Fluid Extraction process used to recover bioactive ...](https://www.researchitaly.it/.../university-of-udine-how-to-recover-..of-the-SFE-Supercritical-Fluid-Extraction-process-used-to-recover-bioactive-...-allows-for-the-extraction-of-natural-substances-from-agri-food-industry-waste,-...) "allows for the extraction of natural substances from agri-food industry waste, ...



[Supercritical CO2 Extraction of Cinnamaldehyde and Eugenol from Cinnamon Bark: Optimization of Operating Conditions via Response Surface Methodology](#)

In Press, Accepted Manuscript, Available online 4 June 2018
 Shima Masghati, Seyyed M. Ghoreishi

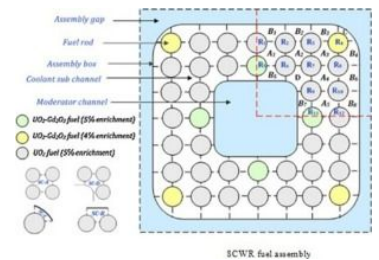
[Source : Science Direct](#)



[Thermal-hydraulic analysis of a novel design Super Critical Water Reactor with Al2O3 nanofluid as a coolant](#)

Original research article
 In Press, Accepted Manuscript, Available online 31 May 2018
 M.H. Bahrevar, G. Jahanfarnia, A. pazirandeh, M. Shayesteh

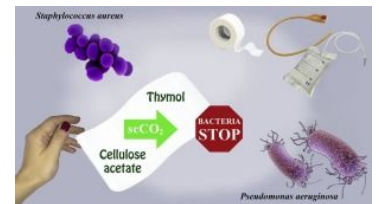
[Source : Science Direct](#)



[Utilization of supercritical carbon dioxide in fabrication of cellulose acetate films with anti-biofilm effects against Pseudomonas aeruginosa and Staphylococcus aureus](#)

Original research article
 In Press, Accepted Manuscript, Available online 31 May 2018
 Irena Zizovic, Lidija Senerovic, Ivana Moric, Tijana Adamovic, ... Stoja Milovanovic

[Source : Science Direct](#)



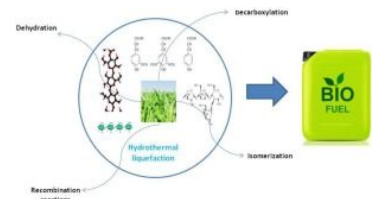
[Hydrothermal liquefaction of Syrian mesquite \(*Prosopis farcta*\): Effects of operating parameters on product yields and characterization by different analysis methods](#)

Original research article

In Press, Accepted Manuscript, Available online 31 May 2018

Utku Çolak, Halil Durak, Salih Genel

[Source : Science Direct](#)



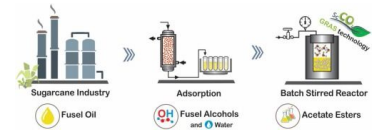
[Fusel oil: Water adsorption and enzymatic synthesis of acetate esters in supercritical CO2](#)

Original research article

In Press, Corrected Proof, Available online 30 May 2018

Arthur Luiz Baião Dias, Gabriela Nanuncio da Cunha, Philippe dos Santos, M. Angela A. Meireles, Julian Martínez

[Source : Science Direct](#)



SCF
Products
Market
SCF
Products
Market

June 4 2018

[Vente de bonbons au CBD Cannactiva CBD Gummies - Alchimia](#)

<https://www.alchimiaweb.com/fr/cannactiva-cbd-gummies-product-10202.php>

Le CBD qu'ils contiennent est obtenu par extraction CO2 de fleurs de ... 8 unités (200mg de CBD au total); CBD extrait de fleurs de chanvre par extraction CO2 ...



Sales of candies containing CBD CO₂ extract



May 30 2018

[Calendula CO2 Extract \(Certified Organic\) - Buy Wholesale & Bulk ...](#)

<https://www.essentialwholesale.com/.../calendula-co2-extract-certifi..> Carbon dioxide extract of Calendula flowers contains the important components of Calendula officinalis such as triterpene saponins, flavonoids, and carotenoids ...



May 30 2018

[Hermitage Oils - Europe's Specialist Essential Oils Supplier Since 1979](#)

<https://hermitageoils.com/>

Welcome to the official Hermitage Oils website, based in Tuscany, Italy. We currently offer over 520 specialist essential



