



# Supercritical Watch Web

Weekly Report : 22<sup>nd</sup> to 29<sup>th</sup> november r 2017

Watch web realized by **Kasop Tech & Event** | Selection of data | All links are checked | [Register on-line !](#)

## Events Events

November 22 2017

[conference program - EMCEI](#)

[emcei.net/source/files/Program-EMCEI-2017.pdf](http://emcei.net/source/files/Program-EMCEI-2017.pdf)

- Dr Kellici is an expert in innovative green supercritical fluid technologies and materials chemistry. She has a degree in Chemistry and PhD in Materials Chemistry (both from. Queen Mary University of London). She then worked (3 years) on a successful EPSRC funded project at University College London, where she made ...

**Have a look at page 16**



November 24 2017

[Méthodes séparatives et techniques couplées - CNAM Bretagne](#)

<https://www.cnam-bretagne.fr/print/methodes-separatives-et-techniques.../1146>

Cette formation couvre les domaines suivants : chimie organique, biochimie, biologie, pharmacie, industries agro-alimentaires, matières plastiques, environnement, ... Chromatographie en phase supercritique et chromatographie chirale. Méthodes couplées- GC et LC MS (quadripôle, TOF, trappe ionique). - MS puissance n.



## Scientific papers and news scientific papers and news

November 27 2017

[Soutenance de thèse | Bathabile RAMALAPA - Université Angers](#)

[www.univ-angers.fr/fr/.../formation.../soutenance-de-these-bathabile-ramalapa.html](http://www.univ-angers.fr/fr/.../formation.../soutenance-de-these-bathabile-ramalapa.html)

La première partie de la thèse implique la conception et la stabilité de complexes protéine-polysaccharide encapsulés dans les microparticules de CaCO<sub>3</sub> en utilisant le procédé du CO<sub>2</sub> supercritique. Afin de lier la protéine ?-lactamase au polysaccharide, un domaine de liaison chitine inséré ...





# Supercritical Watch Web

Weekly Report : 22<sup>nd</sup> to 29<sup>th</sup> november r 2017

Watch web realized by [Kasop Tech & Event](#) | Selection of data | All links are checked | [Register on-line !](#)

## [Enzymatic reactions in subcritical and supercritical fluids](#)

In Press, Accepted Manuscript, Available online

24 November 2017

Željko Knez

[Source : ScienceDirect](#)



## [Towards ingredients by combining Supercritical Fluids with other processes](#)

In Press, Corrected Proof, Available online 22

November 2017

Michel Perrut, Vincent Perrut

[Source : ScienceDirect](#)



Extraction of lavender flowers by pure CO<sub>2</sub>: 280 bar; 40°C. From left to right: Crude CO<sub>2</sub> extract – Cold filtrated extract – Molecular distillation distillate and residue.

## [Supercritical reactors for the production of advanced bio-fuels: A review](#)

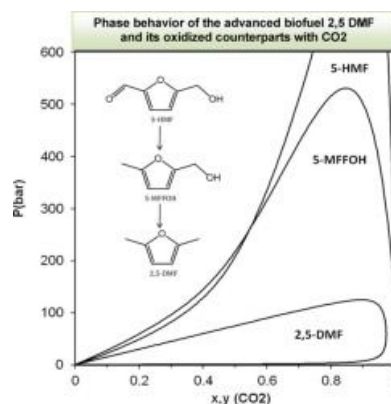
In Press, Accepted Manuscript, Available online

22 November 2017

Mariana González Prieto, Mariana Fortunatti

Montoya, Pablo E. Hegel, Selva Pereda

[Source : ScienceDirect](#)



## [A study of the hydrosilylation approach to a one-pot synthesis of silicone aerogels in supercritical CO<sub>2</sub>](#)

In Press, Accepted Manuscript, Available online

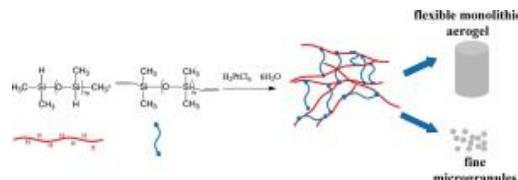
22 November 2017

Igor V. Elmanovich, Tatyana A. Pryakhina,

Viktor G. Vasil'ev, Marat O. Gallyamov, Aziz M.

Muzafarov

[Source : ScienceDirect](#)



## [Supercritical Fluid Extraction of Rare Earth Elements from Nickel Metal Hydride Battery](#)



# Supercritical Watch Web

Weekly Report : 22<sup>nd</sup> to 29<sup>th</sup> november r 2017

Watch web realized by **Kasop Tech & Event** | Selection of data | All links are checked | [Register on-line !](#)

[Yuxiang Yao, Nina F Farac, and Gisele Azimi](#)

ACS Sustainable Chem. Eng., Just Accepted  
Manuscript

DOI: 10.1021/acssuschemeng.7b03803

Publication Date (Web): November 24, 2017

Copyright © 2017 American Chemical Society

SCF  
Companies  
SCF  
Companies

November 24 2017

[ECP aux ASD Days 2017 | Entegris  
Cleaning Process](#)

[ecp-entegris.com/ecp-aux-asd-days-2017/](http://ecp-entegris.com/ecp-aux-asd-days-2017/)

... la Sécurité et les Drones qui se déroulait du 11 au 12 octobre 2017 à Paris. A cette occasion, ECP a présenté des process de décontamination innovants qui sont adaptés aux composants de l'Aéronautique et du Spatial. Parmi d'autres techniques, le nettoyage par CO2 **supercritique**, par ultrason atmosphérique ou par ...

ENTEGRIS CLEANING PROCESS



*An Entegris Company*

November 24 2017

[Bronkhorst FR - Blog - Bronkhorst  
France](#)

<https://www.bronkhorst.fr/blog-fr/>

On peut retrouver le CO2 **supercritique** dans les procédés d'extraction d'algues, des huiles , des arômes et des principes actifs. Il est également utilisé dans les techniques de fractionnement pour les boissons fermentées, la désodorisation de corps gras dans le domaine de la cosmétique et les procédés de purification des ...





# Supercritical Watch Web

Weekly Report : 22<sup>nd</sup> to 29<sup>th</sup> november r 2017

Watch web realized by **Kasop Tech & Event** | Selection of data | All links are checked | [Register on-line !](#)

November 27 2017

## [USEI Announces that it has Purchased its First MRX 20L CO2 ...](#)

[www.marketwired.com/.../usei-announces-that-it-has-purchased-its...](http://www.marketwired.com/.../usei-announces-that-it-has-purchased-its...)

SANTA CLARITA, CA--(Marketwired - Nov 27, 2017) - USEI CANNABIS Initiatives CORP, a wholly owned subsidiary of US ENERGY INITIATIVES CORPORATION, INC. ( OTC PINK : USEI) is a California based company is pleased to announce it has purchased its first MRX 20L Super-critical **CO2 Botanical Extraction Unit** to ...



November 24 2017

## [CO2 Extraction - Quadron Cannatech](#)

[quadroncannatech.com/boss-co2-extractor/](http://quadroncannatech.com/boss-co2-extractor/)

- Soma Labs Scientific - The **BOSS Extraction System**. The next generation of **CO2 Extraction Systems**. Using a combination of **supercritical** and subcritical parameters, **CO2 extraction** offers greater purity, safety, and selectivity for a more flavourful and full profile **extraction**.



November 25 2017

## [Our Ingredients - Wabi-Sabi Botanicals - High-End Natural Skincare](#)

<https://wabisabibotanicals.com/pages/our-ingredients>

WABISABI  
BOTANICALS



# Supercritical Watch Web

Weekly Report : 22<sup>nd</sup> to 29<sup>th</sup> november r 2017

Watch web realized by **Kasop Tech & Event** | Selection of data | All links are checked | [Register on-line !](#)

The oil is extracted on-site from the whole seed by **supercritical CO2 extraction**, a process that uses liquidized carbon dioxide to extract the oil while retaining and preserving the complete nutrient profile of the seed. ANDIROBA / GUARANA INFUSION ☀. Our unrefined Andiroba oil is sourced in the Peruvian Amazon, where ...

SCF  
Products  
Market  
SCF  
Products  
Market

November 24 2017

[Crumble au CBD - Produits dérivés - 54.90 CHF - CBD420](#)

<https://cbd420.ch> > Accueil > Cannabis CBD > Produits dérivés

CBD: 80% / Terpènes: 10% Notre crumble CBD de haute qualité est extrait grâce à un procédé appelé "Extraction au CO2 super-critique". Il s'agit de la méthode...



November 25 2017

[Ashwagandha Full Spectrum CO2 Extract 500 mg ... - Tattva's Herbs](#)

<https://www.tattvasherbs.com/ashwagandha-full-spectrum-co2-extr...>

The Tattva's Herbs' Difference: Supercritical extraction delivers the whole herb to your body-pure, potent, and bioavailable. • Certified organic, non-GMO, sustainable. • Vegan and cruelty-free, gluten-free, dairy-free, soy-free. \*This statement has not been evaluated by the FDA. This product is not intended to diagnose, treat, ...





# Supercritical Watch Web

Weekly Report : 22<sup>nd</sup> to 29<sup>th</sup> november r 2017

Watch web realized by **Kasop Tech & Event** | Selection of data | All links are checked | [Register on-line !](#)

November 26 2017

[What are CO2 Extracts? Mystery and Myths Explained.](#)

<https://formulabotanica.com/what-are-co2-extracts/>

These make total sense. However, when it comes to cosmetic chemists' technical terms such as supercritical fluids or liquid crystals – both of which crop up in talk about CO2 extracts, we may have no idea what they are nor be able to visualise the materials described. If you're struggling to understand CO2 extracts, read on ...



November 23 2017

[Swettis Beauty Blog](#)

[Swettis Beauty Blog 800 x 600 Recherche par image](#)

CO2 extract vs. pressed oil: Raspberry



November 25 2017

[Notre gamme Technique | LVVD](#)

<https://www.lvvd.fr/notre-gamme-technique/>

Nos Bouchons Techniques. Notre gamme Line Biotech. 1+1 et Elite; Micro-technique et MTE; Effervescents : 2 rondelles et micro-technique; Marquage, traitement de surface et conditionnement dans notre bouchonnerie. DIAM. Traitement des bouchons au CO2 super critique pour une garantie gustative et aromatique

