

SUPERCritical WATCH

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



Weekly Report : 21th to 28th March 2018

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

Events Events

March 27 2018

[2018 World Medical Cannabis Conference & Expo
| Pittsburgh, PA](#)

<https://www.compassionatecertificationcenters.com/2018-world-me...>

Join us at the 2018 World Medical Cannabis Conference & Expo from April 12-14 at the David L. Lawrence Convention Center in Pittsburgh, PA!



SCF Companies SCF Companies

March 21 2018

[Robertet au salon FlavourTalk Raw Materials ! |
Groupe Robertet](#)

<https://www.robertet.com> › Actualités

Le Groupe Robertet est fier d'avoir participé au salon FlavourTalk Raw Materials, qui s'est tenu à Amsterdam en cette journée du 14 mars 2018. Au travers d. ... Ce fut une excellente opportunité pour nous de présenter notre collection d'extraits de poivres CO2. Un grand merci à Flavour Horizons ainsi qu'à la British Society ...



Robertet (French Company) showed their Pepper CO2 extract at Flavourtalk 2018 hold in Amsterdam on 14 and 15 March



March 26 2018

[PurediaCorp](#)

[#SeaBerry](#) is a powerful [#superfruit](#), but it can also be delicate. Extracting its essence can be tricky, even a small changes might have a huge impact on quality and nutrients. Thankfully, we utilize Supercritical CO2 extraction to ensure its as pure and powerful as possible.



Puredia is a world supplier of Sea Buckthorn - Tibetan Organic Ingredients - more information on <http://www.puredia.com/en/capabilities>



March 22 2018

[CO2 Extraction Systems. - Quadron Cannatech](#)
<https://www.quadroncannatech.com/sale-of-2-co-2-extraction-syste...>

Vancouver, British Columbia, March 22nd, 2018 Quadron Cannatech Corporation (CSE:QCC) (the "Company" or "Quadron") – (CSE: QCC), is pleased to announce that is has completed the sale of two BOSS CO2 Extraction System ("BOSS") to an authorized grower located in the Fraser Valley, British Columbia.



QUADRON
Cannatech Corporation

March 21 2018

[10L Supercritical CO2 Extraction Device - Silica aerogel](#)

www.buyaerogelinsulation.com/extractionequipment/10l-supercriti...

10L Supercritical CO2 Extraction Device is multi-function SCFE equipment, the working mode is intermittent or continuous way to extract solvent from solid or liquid material, the additive can be add to the supercritical fluid ;



March 22 2018

[NEW CANNABIS EXTRACTION SYSTEMS INFUSE POT PRODUCTS ...](https://marimedadvisors.com/new-cannabis-extraction-systems-infuse-pot-products...)

<https://marimedadvisors.com/new-cannabis-extraction-systems-infuse-pot-products...>

Hightech Extracts' SCFN Extraction Systems are the result of 23 years of experience designing, building and extracting essential oils and natural compounds with supercritical CO₂," explained Paul. "We have experience with over 600 active principles from over 300 bio-botanical raw materials. We offer a wide range of ...



March 28 2018

[Kromasil](https://www.kromasil.com/products/sfc/)

Going to Analytica in Munich this year? We will have our booth in Hall A, number 117. Let's get together to talk about RP, NP, chiral and supercritical chromatography methods. You can also check our products in this link:

<https://www.kromasil.com/products/sfc/>



March 28 2018

[Install and First Run of a New Green Mill System](#)

Green Mill Supercritical CO₂ machines are compact and powerful, and engineered to perform while offering simplicity and elegance



March 22 2018

[Customer in Hungary satisfied with the machine CAREDDI SUPERCRITICAL CO2 EXTRACTION SYSTEM](#)

Mr. Tamas Vibranyec happy with the mint extraction and satisfied with the machine quality.



March 24 2018

[Subcritical extract!](#)

[ApeksSupercritical](#)

Travis Kennedy, Extraction Technician at Outco Labs, in San Diego, CA., pours out a subcritical extract from his Apeks Supercritical



March 25 2018

[Introduction - Nova Extraction - Company history and product overview](#)

<https://novaextraction.com/>

Nova Extraction offers an innovative way to produce natural product extracts. It is an off-grid mobile co2 extraction technology provided as a service.



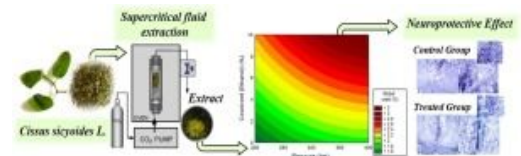
Scientific papers and news scientific papers and news

[Chemical composition, antioxidant activity, neuroprotective and anti-inflammatory effects of cipó-pucá \(Cissus sicyoides L.\) extracts obtained from supercritical extraction](#)

In Press, Accepted Manuscript, Available online 27 March 2018

Marielba de los Ángeles Rodríguez Salazar, ... Raul Nunes de Carvalho

[Source : Science Direct](#)

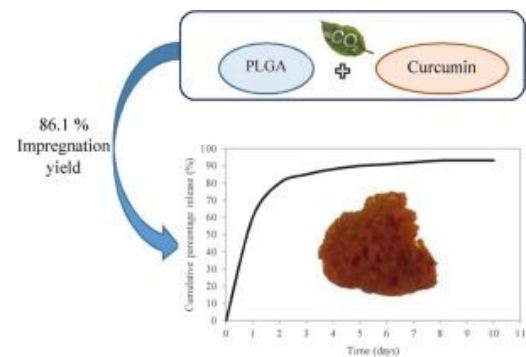


[Improvement of PLGA loading and release of curcumin by supercritical technology](#)

In Press, Accepted Manuscript, Available online 27 March 2018

E. Gracia, ... I. Gracia

[Source : Science Direct](#)

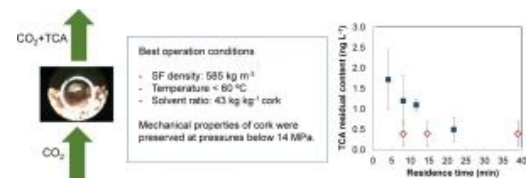


THE PARAMETERS THAT AFFECT THE SUPERCRITICAL EXTRACTION OF 2,4,6-trichloroanisol FROM CORK

In Press, Accepted Manuscript, Available online
27 March 2018

Miguel Viguera, ... Lourdes Calvo

[Source : Science Direct](#)

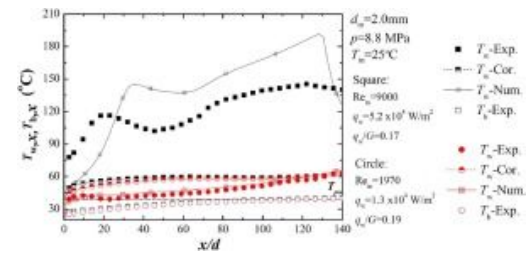


Investigation of Buoyancy-enhanced Heat Transfer of Supercritical CO2 in Upward and Downward Tube Flows

In Press, Accepted Manuscript, Available online
27 March 2018

Chen-Ru Zhao, ... Han-Liang Bo

[Source : Science Direct](#)

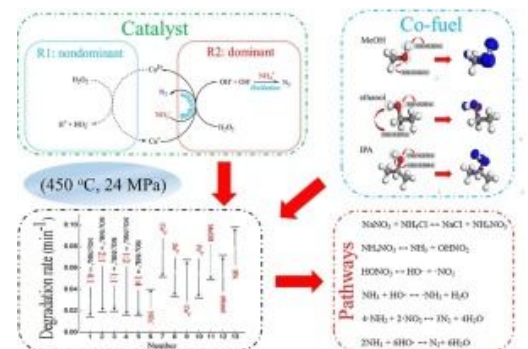


Denitrification of ammonia and nitrate through supercritical water oxidation (SCWO): A study on the effect of NO3-/NH4+ ratios, catalysts and auxiliary fuels

In Press, Accepted Manuscript, Available online
27 March 2018

Bowen Yang, ... Zhemin Shen

[Source : Science Direct](#)

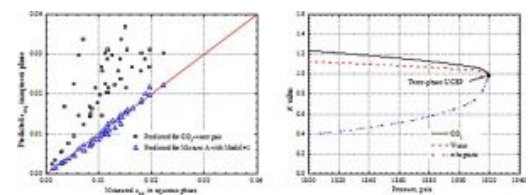


Prediction of Phase Behaviour for n-Alkane-CO2-Water Systems with Consideration of Mutual Solubility Using Peng-Robinson Equation of State

In Press, Accepted Manuscript, Available online
26 March 2018

Zehua Chen, Daoyong Yang

[Source : Science Direct](#)



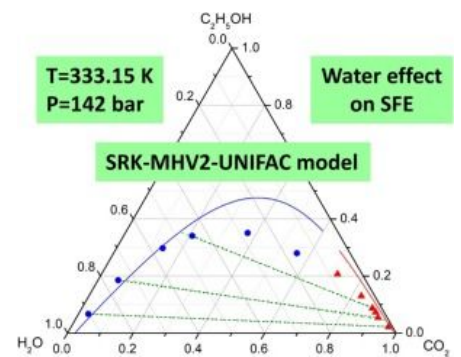
[Phase Equilibrium Study of the Ternary System CO₂ - H₂O - Ethanol At Elevated Pressure:](#)

[Thermodynamic Model Selection. Application to Supercritical Extraction of Polar Compounds](#)

In Press, Accepted Manuscript, Available online
24 March 2018

Renan Ravetti Duran, ... Danielle Barth

[Source : Science Direct](#)

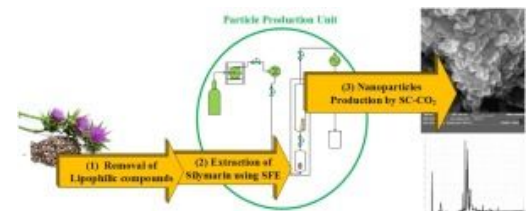


[Preparation of silybum marianum seeds extract nanoparticles by supercritical solution expansion](#)

In Press, Accepted Manuscript, Available online
23 March 2018

Fatemeh Momenkiaei, Farhad Raofie

[Source : Science Direct](#)



[Subcritical water extraction of flavanones from defatted orange peel](#)

In Press, Accepted Manuscript, Available online
21 March 2018

D. Lachos-Perez, Andressa Mara Baseggio, P.C. Mayanga-Torres, Mário Roberto Maróstica, ... T. Forster-Carneiro

[Source : Science Direct](#)



[Advanced porous polybenzimidazole membranes for vanadium redox batteries synthesized via a supercritical phase-inversion method](#)

In Press, Accepted Manuscript, Available online
23 March 2018

Victor E. Sizov, Mikhail S. Kondratenko, Marat O. Gallyamov, Keith J. Stevenson

[Source : Science Direct](#)

