

SUPERCritical WATCH

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



Weekly Report : 22th to 29th November 2018

| Collect and sorting of relevant data | All links are checked | **Subscribe now !**

SCF Companies

Scientific paper & news

SCF Products market

Extended technologies

Events

November 23 2018

[Events – Advanced BioFuels USA](#)

<https://advancedbiofuelsusa.info/category/events/>

Green Chemistry & Engineering/ International Green and Sustainable Chemistry Conference's Call for Abstracts is open until January 14, 2019. The symposia ...



November 27 2018

[Supercritical Encounter in Strasbourg - Highlights of SFC 2018 - Nov ...](#)

<https://www.chromatographytoday.com/.../supercritical.../2477>

The conference began with a well-attended short course on SFC and SFE (supercritical fluid extraction) on 17th October. Research presentations, discussions ...



SCF companies

November 23 2018

[News & Events | - EmerGence Incubator](#)

<https://emergencebioincubator.com/news/>

AESI offers clients an environmentally friendly, Sub- and Supercritical CO2 Emergence supports BioPort 2018 Conference: BioInnovation Challenge winner ...



November 25 2018

[Laboratoire de Phytothérapie | SoriaVie](#)

<https://soriavie.fr/le-laboratoire/laboratoire-phytotherapie>

Une usine de fluides super critique et un laboratoire de cultures in vitro complètent le centre de R et D. Soria Natural développe depuis des années d'ambitieux ...



Web-site up dating

November 27 2018

[Ceapro Inc. \(V.CZO \) News - Stockhouse](#)

<https://www.stockhouse.com/companies/news/v.czo/ceapro-inc>

Ceapro Inc. to Present at the 12th International Symposium on Supercritical ... Ceapro to Present at Noble Capital Markets' 14th Annual Investor Conference.



November 25 2018

[SPECTRUMS Europe - France / Importateur - Grossiste B2B / CBD](#)

<https://spectrumseurope.com/>

Ils possèdent et exploitent la plus grande installation d'extraction au CO2 supercritique et de purification de phytocannabinoïdes des USA. Le CO2 supercritique ...



 *Web-site updating*

November 26 2018

[Test running BETTER 10L Supercritical CO2 Extraction Machine better shanghai](#)

10L CO2 extraction machine is ready for an university professor from Argentina. Machine is made of Ss304 meets food grade, ...



Detected on Youtube

November 28 2018

[Technicien supérieur en chromatographie préparative | Leem](#)
www.emploi.leem.org/content/technicien-superieur-en-chromatographie-preparative

Purifications et séparations chirales par chromatographie liquide HPLC ou supercritique SFC à l'échelle préparative incluant les appareillages du pilote de ...



 *Technician job offer on supercritical chromatography*

November 28 2018

[Botany of the ages and ancient treasure meet state ... - Curtin Malaysia](#)

www1.curtin.edu.my/campusnews/mediarelease/.../PR_18-132.htm

- Researchers at the RM60 million state-of-the-art Facility are establishing protocols for pilot-scale supercritical fluid extraction of oil and fat from dabal (Canarium ...



November 27 2018

[Innovation Award Winner Announced at Annual Well Intervention](https://oilvoice.com/.../Innovation-Award-Winner-Announced-at-...)
<https://oilvoice.com/.../Innovation-Award-Winner-Announced-at-...>
 ... at the organisation's annual conference in Aberdeen which is jointly organised application of Super Critical CO2 technology for the cleaning of long narrow ...



November 29 2018

[Stage - Optimisation de procédé énergétique : cas d'application du ...](https://www.wizbii.com/.../stage-optimisation-de-procede-energetique-cas-d-applicatio...)
<https://www.wizbii.com/.../stage-optimisation-de-procede-energetique-cas-d-applicatio...>
 Stage : Stage - Optimisation de procédé énergétique : cas d'application du cycle de Brayton au CO2 supercritique - H/F chez Edf à Chatou. Postule dès ...



November 29 2018

[Wisconsin Hemp Processors Return on Investment 3 Days Payback Based on Ethanol Extraction System](https://supercritical-co2-extraction.com)
<https://supercritical-co2-extraction.com>
 Estimated Payback Return-on-investment Calculation using the Infinity Supercritical Ethanol Extraction System Location: Wisconsin Material: Hemp Flower – High Density Cost: \$50/lb Work Shift: 8 Hours Production Grams Extract Per Day: 2,179 grams

Return on Investment - ROI	
System	Infinity Super Critical Extraction
Material	Hemp Flower
Cost	\$50.00 / lb
Production	2,179 Grams Per Day
Payback	3 Days
ROI	100%
System Cost	\$10,000.00
Material Cost	\$107,950.00
Energy Cost	\$107,950.00
Payback	3 Days
System Cost	\$10,000.00
Material Cost	\$107,950.00
Energy Cost	\$107,950.00
Payback	3 Days
System Cost	\$10,000.00
Material Cost	\$107,950.00
Energy Cost	\$107,950.00
Payback	3 Days
System Cost	\$10,000.00
Material Cost	\$107,950.00
Energy Cost	\$107,950.00
Payback	3 Days

November 29 2018

[Quadron Signs Agreement to Supply Portable Extraction and ...](https://globenewswire.com/.../Quadron-Signs-Agreement-to-Suppl)
<https://globenewswire.com/.../Quadron-Signs-Agreement-to-Suppl>
 CBD Science) to supply a Portable Extraction and Processing Facility, to be ... consists of the BOSS, a next generation CO2 Supercritical Extraction System, ...



November 25 2018

[Konstanz chemist awarded \\$1M for innovative biorefinery concept for ...](https://www.greencarcongress.com/2018/.../20181125-konstanz.ht...)
<https://www.greencarcongress.com/2018/.../20181125-konstanz.ht...>
 ... \$1M for innovative biorefinery concept for microalgae lipids; supercritical CO2 ... The team of researchers from the University of Konstanz plans to extract the ..



Scientific news & papers

November 26 2018

[Actualités , séminaires et conférences du M2P2 Laboratoire de ...
www.m2p2.fr/actualites-298/](http://www.m2p2.fr/actualites-298/)

26 novembre 2018 - Etude des mécanismes de cristallisation en milieu supercritique : Application à des principes actifs pharmaceutiques / Soutenance de thèse ...

 *Oral thesis Defense of Sebastien CLERCQ*



November 27 2018

[Ingénierie des Principes Actifs Naturels - ENSCM - ENSCM
www.enscm.fr/fr/educations/ingenierie-des-principes-actifs-naturels/](http://www.enscm.fr/fr/educations/ingenierie-des-principes-actifs-naturels/)

Extraction et purification. Extraction par solvants, par fluides supercritiques; Séparation par membranes; Chromatographie industrielle ...

 *Web-site up-dating*



November 22 2018

[Innovation Seminar Series | On the New Phenomena Arising During
https://uwaterloo.ca > ... > Events > 2018 > November](https://uwaterloo.ca)

Professor Koziński will discuss combustion in supercritical water (SCW), which is one of the least explored processes. He will also present a novel concept for ...



[Physicochemical and biofunctional properties of shrimp \(Penaeus japonicus\) hydrolysates obtained from hot-compressed water treatment](#)

Yeon-Jin Cho, Monjurul Haq, Jin-Seok Park, Hee-Jeong Lee, Byung-Soo Chun

In Press, Accepted Manuscript, Available online 26 November 2018

Source Science Direct

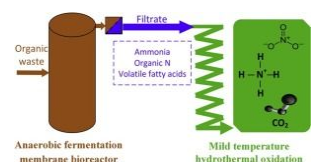


[Mild temperature hydrothermal oxidation of anaerobic fermentation filtrate for carbon and nitrogen recovery in a regenerative life support system](#)

Dongdong Zhang, Amanda K. Luther, Peter Clauwaert, Frederik Ronsse

In Press, Accepted Manuscript, Available online 29 November 2018

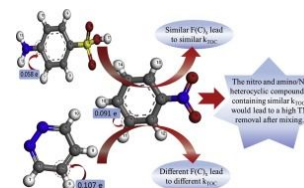
Source Science Direct



Synergetic denitrification through co-removal of nitro and amino/N-heterocyclic compounds in supercritical water

Bowen Yang, Zhiwen Cheng, Tao Yuan, Yujia Tan, ... Zhemin Shen
In Press, Accepted Manuscript, Available online 29 November 2018

Source Science Direct



SCF markets & products

November 23 2018

[Ginger CO2 extract - Certified Organic - CO2 extracts - Sydney ...](http://www.seoc.com.au/product.asp?plD=6418&clD=425)
www.seoc.com.au/product.asp?plD=6418&clD=425

Ginger CO2 extract - Certified Organic - CO2 extracts from Sydney Essential Oil Co. - the ethical suppliers of essential oils, aromatherapy, natural products and ...



November 23 2018

[Carrare Hydromega Hydratation Peau Et Muqueuses 60 Capsules Amazon](https://www.amazon.fr/dp/B075K3K3K3)

Carrare Hydromega Hydratation Peau Et Muqueuses 60 Capsules:
Amazon.fr: Hygiène et Soins du corps



November 23 2018

[Sunset Body Oil – Osmia Organics](https://osmiaorganics.com/products/sunset-body-oil)
<https://osmiaorganics.com/products/sunset-body-oil>

But nature has rebounded enough that we were able to obtain a fresh supply of organic vanilla CO2 extract, and we are thrilled to put Sunset back on our ...



November 26 2018

[No 05 INCENSE EXTRÊME - Tauer Perfumes](http://tauerperfumes.com/incense-extreme-11.html)
tauerperfumes.com/incense-extreme-11.html

A perfume built around a natural CO2 extract of Boswellia serrata, aka incense; it captures the roughness of the climate of the semi desert where Boswellia trees ...



November 29 2018

[XPressEV - Lonza](https://www.lonza.com/~/_/.../XPressEV-%20Infographic.ashx?la=en)
https://www.lonza.com/~/_/.../XPressEV-%20Infographic.ashx?la=en
Nature and Technology. XPressEV™ BioActive has been created using cutting edge technology: Supercritical CO2 extraction, which is a more environmentally ...



November 28 2018

[Quand l'effluve du digital touche au parfum](#)

[Les Clés de Demain - Le Monde](#)

La Maison Guerlain ...les nouvelles technologies libèrent de nouvelles possibilités olfactives et donc créatives : les extraits CO2.... Cette méthode, non polluante, permet d'obtenir des fragrances très intenses et très proches du végétal d'origine... gingembre.

 [Have a look at interview of Thierry Wasser](#)



Extended
technologies

November 22 2018

[Aromatic & Allied Chemicals - Who we are?](#)

[Gaurav Mittal](#)

Aromatic & Allied Chemicals are the pioneer in Manufacturing of Natural Products since 1983. Their main activity involves ...



November 27 2018

[mjunction's 12th Indian Coal Markets Conference begins](#)

www.businessfortnight.com/mjunctions-12th-indian-coal-markets-..

mjunction's 12th Indian Coal Markets Conference begins The 12th Indian Coal ... The number of power plants with super critical and critical stock levels stands at ...



If information about event, company, scientific articles appear on the Internet several times (either on one week or one month) : the piece of information will be placed only once in the Supercritical Watch Weekly Report.

Due to the huge number of data editing or up-dating every week on CBD process, products, consumer advice : only a selection of news is done and reported in the Supercritical Watch Report.

Comments or advice on web article lecture is provided through the following icon : 