

SUPERCRITICAL WATCH

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



Weekly Report : 15th to 22th 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 15 2018

[Advanced cooling forum – Nuclear AMRC
namrc.co.uk/events/advanced-cooling-forum/](http://namrc.co.uk/events/advanced-cooling-forum/)

The Nuclear AMRC invites you to explore the state of the art in supercritical carbon dioxide coolant in advanced machining for the most demanding industries ...



NUCLEAR AMRC

SCF companies

November 16 2018

[Postes de MEMS à France | Glassdoor.fr
https://www.glassdoor.fr/.../france-mems-emplois-SRCH_IL.0.6_I_N86_KO7.11.htm](https://www.glassdoor.fr/.../france-mems-emplois-SRCH_IL.0.6_I_N86_KO7.11.htm)

UDSIU) Procédé de nettoyage CO2 super critique pour senseurs MEMS H/F Type contrat Stage Durée du contrat 6 mois Statut Etudiant... produits senseurs ...



November 21 2018

[Vitech : Le Goût De Bouchon A-t-il Totalemment été éradiqué ? | Côté ...
https://france3-regions.blog.francetvinfo.fr/.../vitech-le-gout-de-bouchon-a-t-il-total...](https://france3-regions.blog.francetvinfo.fr/.../vitech-le-gout-de-bouchon-a-t-il-total...)

On traite le bouchon au CO2 à l'état supercritique, c'est comme quand vous buvez un café décaféiné, le café on le passe au CO2 supercritique pour enlever la ...



November 20 2018

[Xtraction Services Lease Purchasing Option
Xtraction Services](#)

Learn more about Xtraction Services lease purchasing option for cannabis and hemp manufacturing equipment. Including ...

Detected on Youtube



November 21 2018

[Tradematt supercritical CO2 extraction equipment 3D workflow ...](#)
<https://www.youtube.com/watch?v=ztghhKDnr1E>

The state engineering&Experiment center of the company boasts of liquid counter-current SCFE plants of 300L ...

Detected on Youtube



November 19 2018

[Aromatic Chemicals, Botanical Extracts, Vegetable seed oil, Essential ...](#)

<https://www.handafc.com/>

- Botanical, Herbal Extracts Herbal Tinctures, Botanical Powders and CO2 Extract Extracts from Botanicals, Herbs and Plants are produced by a multi stage ...

 *Web-site up-dating*



November 22 2018

[Les Jardins du Girou en visite en Espagne - 22/11/2018 - ladepeche.fr](#)

<https://www.ladepeche.fr/.../11/.../2911155-les-jardins-du-girou-en-visite-en-espagne.ht...>

L'équipe nous a présenté le procédé d'extraction à base de fluide **supercritique** qui permet d'extraire des principes actifs plus nombreux et plus propres des ...



Scientific news & papers

November 15 2018

[theses.fr – Bordeaux](#)

<https://www.theses.fr/175206562>

Synthèse en mode continu de phyllosilicates synthétiques en milieu solvothérmal sous- et supercritique. par Marie Claverie sous la direction de Cyril Aymonier ...

 *Thesis at University of Bordeaux*

université
de BORDEAUX

November 21 2018

[CEA - stage - Modél. transfert réacteur CO2 H/F](#)

https://www.emploi.cea.fr/.../emploi-stage-model-transfert-reacteur-co2-h-f_7644.asp...

Étudier la fluidique et les transferts de masse associés à la technique d'imprégnation sous CO₂ supercritique mise en œuvre dans nos équipements (en batch ...



November 16 2018

[SPE-192830-MS SCCO₂ Flushing Technology: The Supercritical ...](#)

<https://www.onepetro.org/download/...paper/SPE-192830-MS?...>

- [Traduire cette page](#)

de E Amundsen - 2018

Method: With the Super Critical CO₂ (SCCO₂) technology, it is now possible to clean very long narrow pipes with turbulent flow, not possible with conventional ...

November 19 2018

[ITRI Receives Three 2018 R&D 100 Awards - Latest News ...](#)

<https://www.itri.org.tw/eng/.../contents.aspx?&...1...>

Functional Dyeing Synchronized with CO₂ Supercritical Technology (Mechanical Devices/Materials Category) is a single-bath supercritical fluid dyeing (SFD) ...



November 19 2018

[Chemistry Club Meeting | HVCC](#)

<https://www.hvcc.edu/calendar/2018/.../chemistry-club-meeting.ht...>

- [Chemistry Club Meeting ... Meeting](#)

<https://www.hvcc.edu/calendar/2018/11/chemistry-club-meeting.html>
... The Chemistry Club will discuss supercritical fluids_

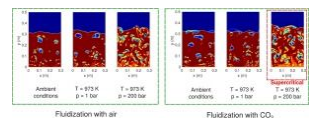


[Numerical study of the effect of pressure and temperature on the fluidization of solids with air and \(supercritical\) CO₂](#)

F. Hernández-Jiménez, L.M. Garcia-Gutierrez, A. Acosta-Iborra, A. Soria-Verdugo

In Press, Accepted Manuscript, Available online 16 November 2018

[Source Science Direct](#)

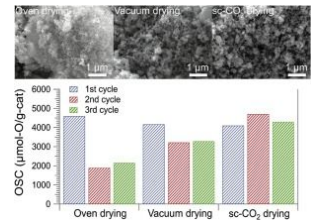


[Fabrication of FeOx-ZrO2 nanostructures for automotive three-way catalysts by supercritical hydrothermal synthesis with supercritical CO2 drying](#)

Gimyeong Seong, Tsutomu Aida, Yoshino Nakagawa, Tetsuya Nanba, ... Tadafumi Adaschiri

In Press, Accepted Manuscript, Available online 16 November 2018

[Source Science Direct](#)

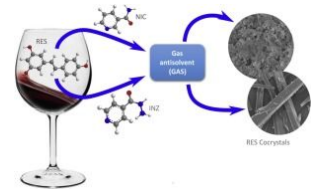


[Precipitation of resveratrol-isoniazid and resveratrol-nicotinamide cocrystals by gas antisolvent](#)

Alcidênio S. Pessoa, Gean Pablo S. Aguiar, J. Vladimir Oliveira, Adailton J. Bortoluzzi, ... Marcelo Lanza

In Press, Accepted Manuscript, Available online 16 November 2018

[Source Science Direct](#)

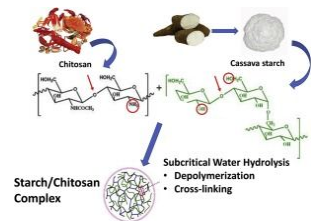


[Hydrolysis of Cassava Starch, Chitosan and Their Mixtures in Pressurized Hot Water Media](#)

Yujia Zhao, Marleny D.A. Saldaña

In Press, Accepted Manuscript, Available online 17 November 2018

[Source Science Direct](#)

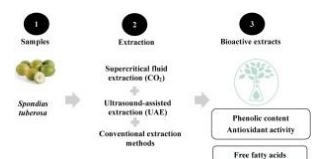


[Extraction of umbu \(Spondias tuberosa\) seed oil using CO2, ultrasound and conventional methods: Evaluations of composition profiles and antioxidant activities](#)

Jônatas L. Dias, Simone Mazzutti, Julia A.L. de Souza, Sandra R.S. Ferreira, ... Leandro Danielski

In Press, Accepted Manuscript, Available online 17 November 2018

[Source Science Direct](#)

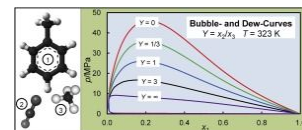


Phase Equilibria of (Methylbenzene + Carbon Dioxide + Methane) at Elevated Pressure: Experiment and Modelling

Saif ZS. Al Ghafri, J.P. Martin Trusler

In Press, Accepted Manuscript, Available online 19 November 2018

[Source Science Direct](#)

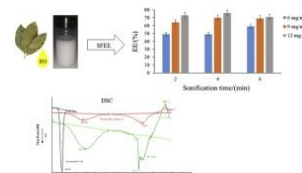


Ultrasound-assisted emulsion of laurel leaves essential oil (Laurus nobilis L.) encapsulated by SFEE

Páulia M.C. Lima Reis, Natália Mezzomo, Gean Pablo S. Aguiar, Elenara Maria Teixeira Lemos Senna, ... Sandra R.S. Ferreira

In Press, Accepted Manuscript, Available online 20 November 2018

[Source Science Direct](#)



SCF markets & products

November 16 2018

[Amazon.com: Garden of Life Vegan DHA Supplement - Minami Algae ...](#)

[Amazon.com](#)

Amazon.com: Garden of Life Vegan DHA Supplement - Minami Algae Omega 3 Natural Eye and Brain Function Supplement, 60 Softgels: Health & Personal Care



November 16 2018

[Pet Releaf — Pet Releaf](#)

<https://petreleaf.com/why-pet-releaf>

Super Critical CO2 Extraction. We extract our full spectrum organic CBD hemp oil using only super critical CO2 extraction. This is a fancy way of saying we use ..



November 16 2018

[Orris Root CO2 Extract Organic Essential Oil Natural Perfumery ...](#)

<https://risingsunbotanicals.com/.../orris-root-co2-extract-organic>

Extracted from the roots of the Iris. Fine orris root aged to perfection. Organic Moroccan roots aged for minimum 3 years producing the deepest, creamy and most ...



November 17 2018

[Huile essentielle de Tahiti vanille CO2 sélectionnez extrait RARE .
https://www.oxpanaonline.eu/.../huile-essentielle-de-tahiti-vanille-co2-s%E3%A9lectio...](https://www.oxpanaonline.eu/.../huile-essentielle-de-tahiti-vanille-co2-s%E3%A9lectio...)

Huile essentielle de Tahiti vanille CO2 sélectionnez extrait RARE vanille Tahitensis vanille biologique fixateur d'eau de cologne parfum tous les naturels de ...



November 17 2018

[Hydrophilic cleansing oil for oily / combination skin - PL Cosmetics
https://pl-cosmetics.com > Home > For face > Makeup remover](https://pl-cosmetics.com > Home > For face > Makeup remover)

... the Thyme CO2, the CO2 of coltsfoot, the St. Johns wort CO2 extract, the CO2 extract of nettle, the CO2 extract of birch, the rosemary essential oil, the essential ...



November 19 2018

[TERRY NATURALLY - Nuts 'n Berries Healthy Market
https://www.nutsnberries.com > Brands](https://www.nutsnberries.com > Brands)

Hemp Oil + Curcumin combines two premium botanicals with phospholipids for enhanced delivery. It features concentrated, supercritical CO2 extracted hemp oil ...




November 18 2018

[Age Confidence Cream - Echium & Macadamia - Pai Skincare
https://www.paiskincare.com/.../age-confidence-cream-echium-ma](https://www.paiskincare.com/.../age-confidence-cream-echium-ma)

Echium CO2 Extract. Rich in incredibly effective forms of Omegas 3 & 6 - Gamma Linolenic Acid and Stearidonic Acid, which help smooth the skin and improve ..



 *In the ingredient list, two ingredients are highlighted including echium CO₂ extract*

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 :