

SUPERCritical WATCH

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



Weekly Report : 16th to 23rd May 2018

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

[Events](#)

[SCF Companies](#)

[Scientific paper and news](#)

[SCF Products market](#)

[Extended technologies](#)

Events Events

May 17 2018

[SAVE THE DATE: 4th International Seminar on AEROGELS – 2018 ...](#)

<https://nanohybrids.eu/.../save-the-date-4th-international-seminar-o...>

The results of NanoHybrids will be very present on the conference and we are ... 12th International Symposium on Supercritical Fluids: NanoHybrids partners ...

SAVE THE DATE: 4TH INTERNATIONAL SEMINAR ON AEROGELS – 2018



May 20 2018

[Icon Textile Group Upcoming Events | Icon](#)

<https://icon.org.uk/groups/textiles/upcoming-events>

The Dry Cleaning of Fashion Collections with Supercritical CO₂ Technology: ... We have organised free events for our members days around the conference.

Icon Textile Group Upcoming Events

May 19 2018

[Events: Open Lectures Seminar: Sub/Supercritical Water Innovation ...](#)

cmet.aalto.fi/en/current/events/2018-04-06-003/

This is followed, after lunch, with experts from leading EU research institutes presenting the latest developments and progress in the field of Sub/supercritical ...

Open lectures seminar

Sub/Supercritical water innovation meets forest industry

A!
Aalto University

01.06.2018, Friday
9:00 - 14:45
Otaniementie 9, Espoo

SCF
Companies
SCF
Companies

May 17 2018

[Ceapro Inc. Reports 2018 First Quarter Results – Ceapro](#)

ceapro.com/2018/05/.../ceapro-inc-reports-2018-first-quarter-resul...

for presentation on June 12th at the Nutrition 2018 conference for bioefficacy study ...
Coenzyme Q10 solubility in supercritical CO2 using a dynamic system, ...



May 18 2018

[Développement d'un bouchon bio-sourcé : « Origine© by Diam »](#)

<https://www.oenologues-de-france.fr/.../developpement-d-un-bouchon-bio-source-ori...>

Il combine des granulés de liège (purifiés auparavant au CO2 supercritique pour extraire les Programme des interventions de la journée technique. Lire l' ...

Development of a "green" cork by DIAM

Congrès UOEF 2018
30 mai au 02 juin 2018 | Champagne



May 18 2018

[ECP - Entegris Cleaning Process - Décontamination particulaire ...](#)

www.ultraproprete.com/societe/ecp-entegris-cleaning-process.html

Décontamination particulaire et moléculaire, nettoyage ultra-propre; Assemblage, ...
Implantation de procédé CO2 supercritique en cours de développement.



Implementation of supercritical CO₂ techniques in process in a French Company : ECP



May 18 2018

[Innovation de Café | Innovation Center de Lavazza](#)

<https://www.lavazza.fr> > À Propos de Nous > Innovation Center > Café

L'usine de fabrication de Pozzilli utilise le procédé novateur et supercritique d'extraction du CO2, qui affecte les grains d'une manière naturelle mais sélective, ...



Web-site of Lavazza Company using supercritical CO₂ technique



May 18 2018

[Acquisition d'un système de chromatographie en fluide supercritique ...](#)

<https://www.marchesonline.com/appels-offres/avis/acquisition-d.../ao-7622778-1>

Texte intégral appel d'offre : Acquisition d'un système de chromatographie en fluide supercritique pour le LIMA.



Public Call for buying Supercritical fluid chromatography



May 22 2018

[EPRW 2018 | SHIMADZU EUROPA](#)

<https://www.shimadzu.eu/eprw-2018>

25.05.2018 Munich,

Germany <http://www.eprw2018.com/> Meet

Shimadzu at the ... versatility of supercritical fluid chromatography technique offers an appealing ...



May 23 2018

[CO2 Extraction | Quadron Cannatech Corporation](#)

<https://www.quadroncannatech.com/boss-co2-extractor/>

Plug & Play - The Next Generation In CO2 Extraction Technology ... Soma Labs in-house team of chemists work at the frontier of extract science, engaging in ...



May 23 2018

[Career Opportunities: Plant extraction scientist \(24941\) - SuccessFactors](#)

<https://career2.successfactors.eu/career?company=Clariant&career...id...>

des objectifs visés (macération, CO2 supercritique, microondes, sonication, ... du laboratoire, en participant à la formation des techniciens associés à l'activité.



Job offer for Clariant Company who is looking for an expert in vegetal extraction including supercritical CO₂ technique for its Toulouse Unit

CLARIANT

May 19 2018

[Supercritical Fluid Extraction Equipment, SFE, CO2, Water, SCFE, CHM](#)

www.hagf.com/

Supercritical Fluid Extraction Equipment, Supercritical CO2 Fluid Extraction ... drycleaning technology, chemical reaction, and supercritical fluid net meter ...



Web-site up-dating of Hongbo Machinery, Chinese Company



May 17 2018

[Category: Supercritical CO2 Extraction](#)

<https://supercritical-co2-extraction.com/.../supercritical-co2-extracti...>

Extraction of Bixin from Annatto Seeds Using Supercritical Carbon Dioxide ... quote – the high solubility values show that the supercritical fluid technology can ... industrially to extract these pigments, offering the advantage of being clean, free ...



Scientific papers and news
scientific papers and news

May 21 2018

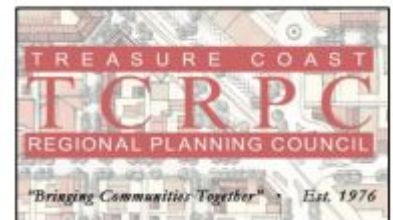
[REGIONAL BIOSOLIDS SYMPOSIUM Working Agenda](#)

www.tcrpc.org/announcements/.../Biosolids_Working_Agenda.pdf

SYMPOSIUM. Working Agenda. June 8, 2018 ~ 8:00 am – 4:00 pm ... Next Generation Supercritical Water Oxidation. Kobe Nagar, P.E., Senior Process Engineer.



Conference on Next Generation Supercritical Water Oxidation (Page 2)



May 17 2018

[Five ICMAB graduates in Materials Science received the PhD ...](#)

icmab.es/five-icmab-graduates-in-materials-science-received-the-p...

Five ICMAB graduates from the PhD programme in Materials Science received the ... Domingo on "Functionalized adsorbent materials using supercritical CO2".



May 22 2018
[\(Jun 4\) The 65th Hiroshima University Biomass Evening Seminar \(The ...](#)
<https://www.hiroshima-u.ac.jp/en/news/45390>
 Biomass Project Research Center, Hiroshima University, and HOSTY ... “One month DSS Supercritical water gasification test plan for Shochu residue to create ...



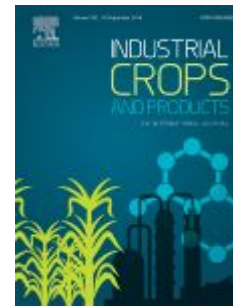
HIROSHIMA UNIVERSITY

May 22 2018
[Research in Biodiversity \(BIOTA\) - Research Supported by FAPESP](#)
www.bv.fapesp.br/en/17/biodiversity-research-biota/
 Completed research grants Multi-user equipment (EMU) approved in grant 16/06931-4: laboratory scale supercritical extraction unit, AP.

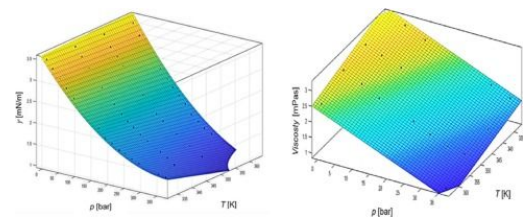


instituto de **química**
 Universidade Federal do Rio de Janeiro

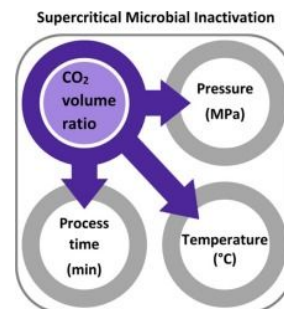
May 17 2018
[Green and efficient extraction of podophyllotoxin from ... - Science Direct](#)
<https://www.sciencedirect.com/science/article/.../S09266690183043...>
 Subcritical water extraction (SWE) is an environment-friendly technology and widely used in the preparation of environmental samples and extraction of active ...



[Density, interfacial tension, and viscosity of polyethylene glycol 6000 and supercritical CO₂](#)
 In Press, Corrected Proof, Available online 17 May 2018
 Gregor Kravanja, Željko Knez, Maša Knez Hrnčič
[Source : Science Direct](#)



[Non-thermal microbial inactivation by using supercritical carbon dioxide: Synergic effect of process parameters](#)
 In Press, Corrected Proof, Available online 19 May 2018
 Eric Keven Silva, Verônica O. Alvarenga, Matheus A. Bargas, Anderson S. Sant'Ana, M. Angela A. Meireles
[Source : Science Direct](#)



Supercritical carbon dioxide extraction of quinoa oil: Study of the influence of process parameters on the extraction yield and oil quality

In Press, Corrected Proof, Available online 19 May 2018

Oscar Benito-Román, María Rodríguez-Perrino, María Teresa Sanz, Rodrigo Melgosa, Sagrario Beltrán

[Source : Science Direct](#)

QUINOA
(Chenopodium quinoa Willd.)

Supercritical CO₂ extraction

KINETIC STUDY

- P (20-40 MPa)
- T (40-60 °C)
- Modelling

OIL QUALITY

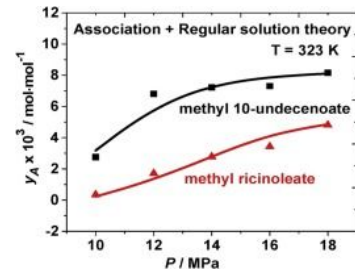
- ✓ Antioxidant Activity
- ✓ Fatty acid profile
- ✓ Tocopherol Content

Experimental determination and association model for the solubilities of methyl 10-undecenoate with methyl ricinoleate in supercritical carbon dioxide

In Press, Corrected Proof, Available online 21 May 2018

V. Mani Rathnam, Giridhar Madras

[Source : Science Direct](#)

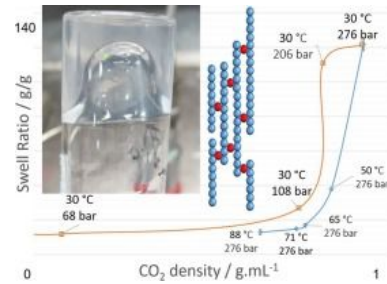


Synthesis and control of crosslinked poly(acrylic acid) based viscosity modifiers using dense phase carbon dioxide as a solvent

In Press, Corrected Proof, Available online 21 May 2018

W.H. Alexander, J. Wickson, J. Duncan, K. Carmichael, ... S.M. Howdle

[Source : Science Direct](#)

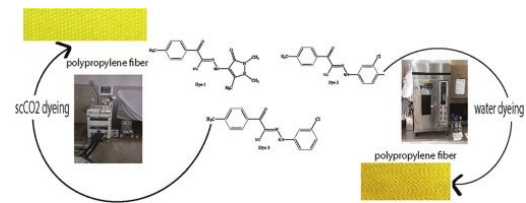


Water free dyeing of polypropylene fabric under supercritical carbon dioxide and comparison with its aqueous analogue

In Press, Corrected Proof, Available online 22 May 2018

Tarek Abou Elmaaty, Fathy El-Taweel, Hanan Elsis, Satoko Okubayashi

[Source : Science Direct](#)

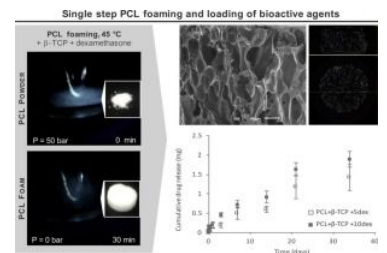


Subcritical carbon dioxide foaming of polycaprolactone for bone tissue regeneration

In Press, Accepted Manuscript, Available online 22 May 2018

Rui M. Duarte, Jorge Correia-Pinto, Rui L. Reis, Ana Rita C. Duarte

[Source : Science Direct](#)



May 16 2018

[PROMOTIONS > Extraits CO₂ : Bilby & Co.](#)

www.bilby-co.com > PROMOTIONS

Extrait CO₂ Bourrache Bio. à partir de 6.80 € 8,50 €.
Ajouter au panier · -20% · Extrait CO₂ Carotte Bio (to). à partir de 5.28 ... Extrait CO₂ Eglantier Fruits Bio (to).



Sales for different CO₂ extracts (carrot, lavanda etc)



May 16 2018

[Sélection de parfums naturels et bio - Marie Claire](#)

www.marieclaire.fr > Beauté > Parfums > Nouveautés Parfums

... les agrumes, vapeur d'eau pour la lavande, extraction au CO₂ supercritique ... céréales bio et ses ingrédients sont extraits par distillation à la vapeur d'eau, ...



Public Article on green fragrances quoted CO₂ extraction for vanilla



May 16 2018

[Huile végétale Argousier Bio - 30 ml - Terraïa - Onatera.com](#)

<https://www.onatera.com/produit-huile-vegetale-argousier-bio-30-ml-terraia,15758.html>

Huile végétale biologique d'argousier (Hippophae rhamnoides), obtenue par extraction des fruits au CO₂ supercritique. Produit 100 % pur et naturel



Cosmetic face oil containing CO₂ extract from sea buckthorn , produced by french companie



Extended
technologies
extended
technologies

May 20 2018

[Extraits naturels: Univar met la main sur Earthoil | Formule Verte](#)

formule-verte.com/extraits-naturels-univar-met-la-main-sur-earthoil/

Le spécialiste américain du commerce chimique a signé un accord pour s'emparer d'Earthoil Plantations, expert britannique dans la fabrication et la distribution ...



May 18 2018

[L'écocatalyse, nouveau domaine de la chimie verte | CultureSciences ...](#)

culturesciences.chimie.ens.fr › Réactivité › Activation - catalyse

Grâce à ses innovations et notamment le principe d'écocatalyse qu'elle a mis au point, Claude GRISON, professeur de chimie de l'université de Montpellier et ...



New Green catalyst at University of Montpellier



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 icone : 