

SUPERCritical WATCH

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



Weekly Report : 25th April to 2nd May 2018

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Events
Events

April 26 2018

[18th International Conference on World HPLC & Separation ...](#)

<https://www.eventbrite.com/.../18th-international-conference-on-w...>

New York Events List presents 18th International Conference on World HPLC & Separation Techniques (cse) S - Wednesday, August 29, 2018 | Thursday, August 30, 2018 at ... This Conference is scheduled and will be held during August 29-30, 2018 in Toronto, Canada. ...Supercritical Fluid Chromatography



SCF
Companies
SCF
Companies

April 26 2018

[Piramal Pharma Solutions - Pharmaceutical Technology](#)

<https://www.pharmaceutical-technology.com/.../piramal-pharma-so...>

The company handles a wide range of chemistries, including heterocyclic, organometallic, peptide and carbohydrate chemistry, as well as chiral separation using supercritical fluid chromatography (SFC). Toxicology and safety services are also available, in addition to drug metabolism and pharmacokinetics (DMPK) and ...



April 26 2018

[ROBERTET - COMMUNIQUE SUR RESULTATS 2017 - 26/04/2018 ...](#)

<https://www.actusnews.com> › ... › ROBERTET › Année 2018 › Mois 04 › Jour 26

HITEX, société détenue à 50% avec le groupe Codif travaille sur les technique d'extraction du CO2 supercritique, est gérée de manière indépendante avec des résultats positifs.



April 28 2018

[MRX Xtractors | CO2 Extractors | Extraction Equipment](#)

mrxxtractors.com/

Industrial strength supercritical CO2 extraction systems and ethanol processing centers with unmatched throughput | CO2 extractors | Ethanol extraction.



April 27 2018

[Large scale manufacturing of industrial hemp derived products and the secret to producing 10.000 KGs Kazmira LLC](#)

Pulak Sharma and Dr. Priyanka Sharma of Kazmira-LLC gave the audience an inside look at what it takes to operate the world's



Scientific papers and news
scientific papers and news

April 26 2018

[Project Offers - Biology Education Centre - Uppsala University, Sweden](#)

<https://www.ibg.uu.se/student-en/project-offers/>

One part of this effort is to help you as a student to find suitable projects for research internships, degree projects, PhD positions, etc. ...

Supercritical fluid chromatography (SFC) is gaining increased attention as a means to separate for instance pharmaceutically active ingredients that occur in chiral forms (optically active ...



UPPSALA
UNIVERSITET

May 12 2018

[3MT 2018: Heidi Cossey](#)

University of Alberta

Civil and Environmental Engineering student Heidi Cossey presented her three minute thesis "Supercritical Fluid Extraction for residual oil recovery"

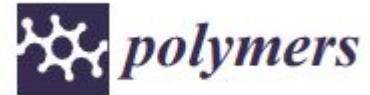


April 27 2018

[Modifying an Active Compound's Release Kinetic Using a ... - MDPI](#)

www.mdpi.com/2073-4360/10/5/479/pdf

Article. Modifying an Active Compound's Release Kinetic. Using a Supercritical Impregnation Process to Incorporate an Active Agent into PLA. Electrospun Mats. Carol López de Dicastillo 1,* ID , Carolina Villegas 1, Luan Garrido 1, Karina Roa 1,, Alejandra Torres 1, María José Galotto 1, Adrián Rojas 2 and Julio Romero 2.



April 27 2018

[Differences in extractability under subcritical water reveal ...](#)

pubs.rsc.org/en/content/articlepdf/2018/gc/c8gc0038

A method for the sequential extraction of hemicelluloses and lignin from hardwoods is proposed using subcritical water in buffered conditions without prior delignification. This allows the cascade isolation of mannan, xylan and lignin- carbohydrate complexes based on their extractability and recalcitrance in birch ...



April 30 2018

[Effect of ultrasound transducer design on the acoustically-assisted ...](#)

<https://www.sciencedirect.com/science/article/.../S13504177183020>.

Effect of ultrasound transducer design on the acoustically-assisted supercritical fluid extraction of antioxidants from oregano. (1) CO2 tank; (2) ethanol reservoir; (3) ethanol pump; (4) liquid CO2 reservoir; (5) CO2 pump; (6) mixing T for supercritical ethanol and CO2; (7) temperature-controlled water bath, (8) extraction.



April 30 2018

[Recent Journal of Environmental Chemical Engineering Articles ...](#)

<https://www.journals.elsevier.com/journal-of.../recent-articles>

Optimization of Operational Parameters of Supercritical Fluid Extraction for PHCs Removal from a Contaminated Sand using Response Surface Methodology hybrid PES –TiO₂ membrane using three combination effects of ultraviolet irradiation, ethanol-acetone immersion, and thermal annealing process for CO₂ removal.

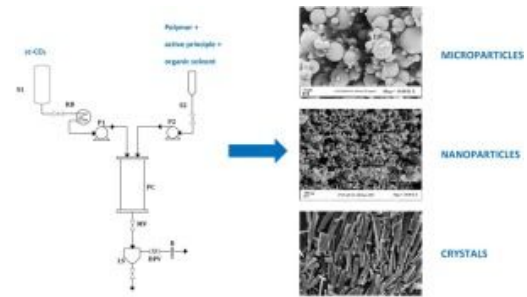


[Supercritical antisolvent coprecipitation mechanisms](#)

In Press, Accepted Manuscript, Available online 1 May 2018

Valentina Prosapio, Iolanda De Marco, Ernesto Reverchon

Source : [Science Direct](#)

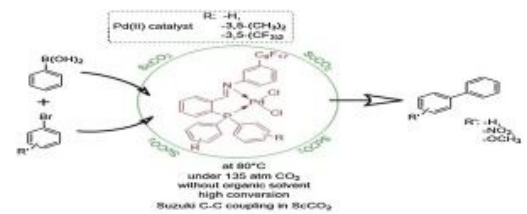


[Palladium\(II\) complexes with new bidentate phosphine-imine ligands for the Suzuki C-C coupling reactions in supercritical carbon dioxide](#)

In Press, Accepted Manuscript, Available online 1 May 2018

Mustafa Kemal Yilmaz

Source : [Science Direct](#)



SCF
Products
Market
SCF
Products
Market

May 1 2018

[Supercritical Co2 Extracts | Synthite Industries Limited | Manufacturer ...](#)

<https://www.indiamart.com> > ... > Natural Herbal Extract

Supercritical Co₂ Extracts offered by Synthite Industries Limited, a leading supplier of Natural Herbal Extract in Karamadai, Coimbatore, Tamil Nadu. The Company is registered with IndiaMART since 6 Years.

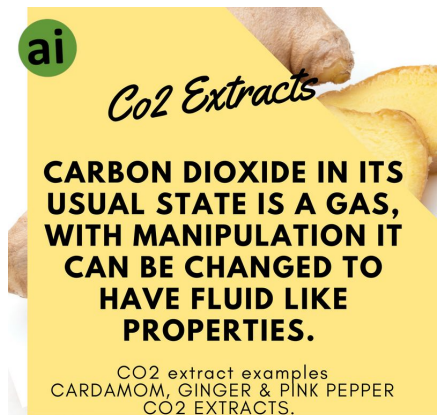


April 25 2018

[Aromatic Ingredients](#)

Carbon dioxide in its usual state is a gas, with pressure and temperature manipulation it can be changed to have fluid like properties. Cardamom CO2 Extract, Ginger CO2 Extract and Pink Pepper CO2 Extract are all examples of CO2 extracts. Supercritical Fluid Extraction (SFE) is the process using a solvent to create CO2 extracts that produce high quality with a true to nature aroma.

Detected on Facebook



April 28 2018

[Ingredients - Saranghae Korean Skin Care](#)

<https://www.lovesaranghae.com/ingredients>

- Science & Nature. Stronger together. We are...pioneers, perfectionists & MAD scientists! Our innovations are made possible by the best and brightest minds in our industry. Our ongoing Research & Development partnership with the University of Seoul in South Korea is now the model followed by dozens of other brands. crorrhizum. Origin: Bulgaria. Total Extract.



Up-dating of Saranghae web-site - Korean company



Extended
technologies
extended
technologies

April 27 2018

[\[ATELIER\] La chimie verte dans les industries agroalimentaires - ANIA](#)

<https://www.ania.net/evenements/atelier-chimie-verte-industries-agroalimentaires>

Cet atelier a pour but de mettre en avant les opportunités offertes par les technologies liées à la chimie verte : extraire de la biomasse des molécules d'intérêt (sucres, huiles, composés aromatiques, acides aminés, etc.) et synthétiser des produits renouvelables offrant des performances supérieures à celles des produits ...



Workshop on green chemistry in Food Industries (Paris)



April 29 2018

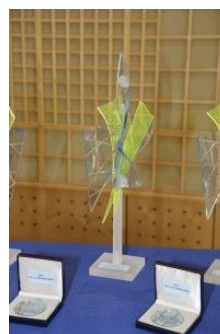
[Prix Pierre potier | Formule Verte](#)

formule-verte.com/tag/prix-pierre-potier/

La Fondation internationale de la Maison de la Chimie et l'Union des Industries Chimiques (UIC), sous le patronage de Christophe Sirugue, secrétaire d'état chargé de l'Industrie, reconduisent en 2017, pour la 11ème fois, le prix scientifique et technologique Pierre Potier. Les candidatures ...



French award for sustainable chemistry



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 :

