

# SUPERCRITICAL WATCH

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



Weekly Report : 23<sup>th</sup> to 30<sup>th</sup> May 2018

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Events  
Events

May 23 2018

[Final Program // EUFEPS Annual Meeting 2018 1](#)

[www.eufepsannualmeeting2018.org/.../EUFEPS\\_Final\\_Program\\_L...](http://www.eufepsannualmeeting2018.org/.../EUFEPS_Final_Program_L...)

In total, we plan to hold this Annual meeting with 6 prominent Plenary Lecturers, several invited session/ ..... SUPERCRITICAL ANTI-SOLVENT TECHNOLOGY.



*See posters title on EP 11 and EP 12*



**EUFEPS Annual Meeting 2018**

Crossing Barriers for Future Medicines

**24-26 May 2018** Titania Hotel Athens, Greece

SCF  
Companies  
SCF  
Companies

May 24 2018

▷ [Offre Emploi Ingénieur Génie Chimique Vannes \(56000 ... - OuestJob](#)

<https://www.ouestjob.com> › ... › Morbihan › Vannes › Ingénieur chimiste Vannes

Poste. PME en pleine croissance spécialisée dans l'extraction et la purification au CO2 supercritique de produits naturels, disposant d'un savoir-faire reconnu ...



*Production Manager Job offer in French  
Company specialized in supercritical extraction and purification*



May 25 2018

[Innovation in Polyurethanes | Interesting Patents on Polyurethane ...](#)

<https://purpatents.com/>

"Gist": TPU pellets are both coloured and foamed using supercritical carbon dioxide. ... After impregnation is complete the pressure is dropped at a temperature between the TPU's Tg and Tm, resulting in ... list. Some fracking fluid additives.

**HUNTSMAN**

May 28 2018

[Large scale supercritical co2 extraction machine 300L-4500L for ...](#)

<https://www.youtube.com/watch?v=gva9rVThNV0>

Il y a 14 heures - Ajouté par CAREDDI SUPERCritical CO2 EXTRACTION SYSTEM

Introduction of large scale supercritical co2 extraction machine.



May 29 2018

[BettyHe](#)

5L Supercritical co2 extraction machine in Argentina:

<http://youtu.be/NFpN1g7-Mk0?a> via [@YouTube](#)

*Detected on twitter*



May 26 2018

[PASCO2® technology - Alamo Biologics Tissue Bank](#)

<https://www.alamotissueservice.com/pasco2-technology>

The revolutionary PASCO2® sterilization process relies on supercritical carbon dioxide to extract unwanted compounds from soft tissues without compromising ..

PASCO<sub>2</sub>® TECHNOLOGY

May 29 2018

[Vitalis Extract Tech](#) Check out our latest blog to learn how supercritical CO2 extraction is used to create the most high-quality product possible.

[#CO2extraction #supercritical](#)

<http://ow.ly/Fgof30keJhO>

*Detected on twitter*



May 29 2018

[Ceapro Inc. Confirms Excellent Bioavailability of its New Water ...](#)

<https://www.nasdaq.com/.../ceapro-inc-confirms-excellent-bioavail...>

Hot Topics: ... From a physicochemical perspective, Ceapro's unique water soluble ... New standards had to be developed by the researchers to analyze data using a High Pressure Liquid Chromatography (HPLC) methodology and determine ... of proprietary extraction technology and the application of this technology to the ...



Scientific papers and news  
scientific papers and news  
news

May 27 2018

[Emplois : K Par K, Les Milles \(13\) - mai 2018 | Indeed.fr](https://www.indeed.fr/Le-Milles-(13)-Emplois-K-Par-K)  
[https://www.indeed.fr/Le-Milles-\(13\)-Emplois-K-Par-K](https://www.indeed.fr/Le-Milles-(13)-Emplois-K-Par-K)  
Fractionnement par CO2 supercritique de mélanges modèles. ... Promotion par des actions de conseil, de communication ou de formation de la cartographie du ..

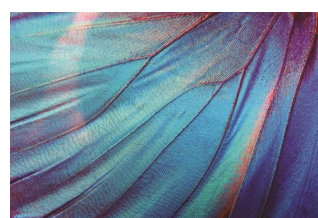


*PH D offer on fractionation at University Aix Marseille*



May 25 2018

[Structural colour | Feature | Chemistry World](https://www.chemistryworld.com/feature/structural.../3009020.artic...)  
<https://www.chemistryworld.com/feature/structural.../3009020.artic...>  
Researchers at the Lawrence Berkeley National Laboratory in California, US, are .... One used supercritical carbon dioxide to dissolve a polycarbonate at high ..

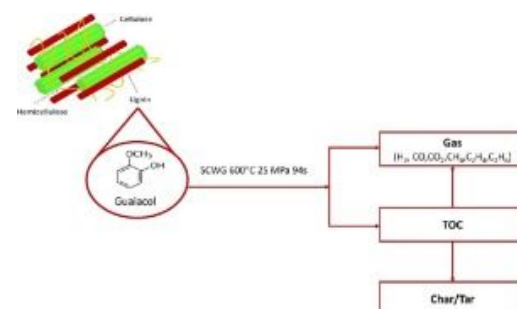


May 24 2018

[Postdoctoral position in food processing | - iNOBox](http://inobox.no/en/2018/05/.../postdoctoral-position-in-food-processing...)  
[inobox.no/en/2018/05/.../postdoctoral-position-in-food-processing...](http://inobox.no/en/2018/05/.../postdoctoral-position-in-food-processing...)  
... with/without supercritical CO2, pressurised microwave volumetric heating, MVH, ... Skipnes, Senior researcher, +47 926 92 252, dagbjorn.skipnes@nofima.no.



[Conversion of guaiacol in supercritical water gasification: Detailed effect of feedstock concentration](#)  
In Press, Accepted Manuscript, Available online 26 May 2018  
Pattaporn Changsuwan, Nattacha Paksung, Shuhei Inoue, Takahito Inoue, ... Yukihiko Matsumura  
[Source : Science Direct](#)

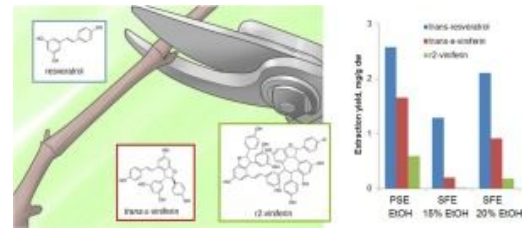


[Combining high-pressure methods for extraction of stilbenes from grape cane](#)

In Press, Accepted Manuscript, Available online 26 May 2018

Zdeňka Zachová, Jan Tříška, Naděžda Vrchotová, Josef Balík, ... Helena Sovová

[Source : Science Direct](#)

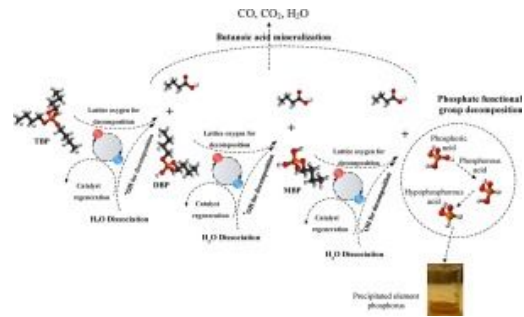


[Catalytic supercritical water destructive oxidation of tributyl phosphate: Study on the effect of operational parameters](#)

In Press, Accepted Manuscript, Available online 26 May 2018

Morteza Golmohammadi, Seyed Javad Ahmadi, Jafar Towfighi

[Source : Science Direct](#)

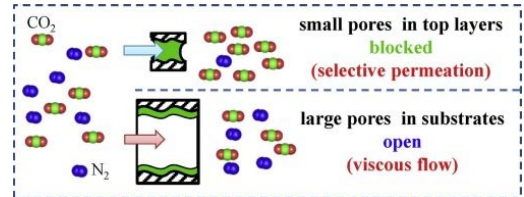


[Preparation of supported ionic liquid membranes using supercritical fluid deposition based on  \$\gamma\$ -alumina membrane and imidazolium ionic liquids](#)

In Press, Corrected Proof, Available online 25 May 2018

Yi-Fan Liu, Qin-Qin Xu, Yu-Qing Wang, Meng-Yuan Zhen, Jian-Zhong Yin

[Source : Science Direct](#)

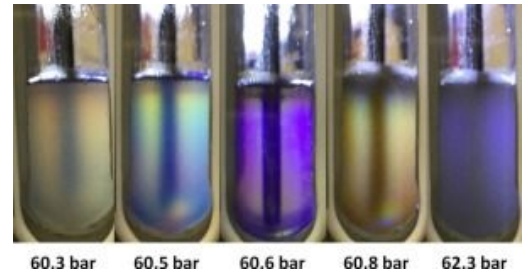


[Aqueous Heterogeneous Radical Polymerization of Styrene under Compressed Ethane](#)

In Press, Accepted Manuscript, Available online 25 May 2018

Noor Hadzuin Nik Hadzira, Matthew Semciwb, Frank P. Lucienb, Per B. Zetterlundb

[Source : Science Direct](#)

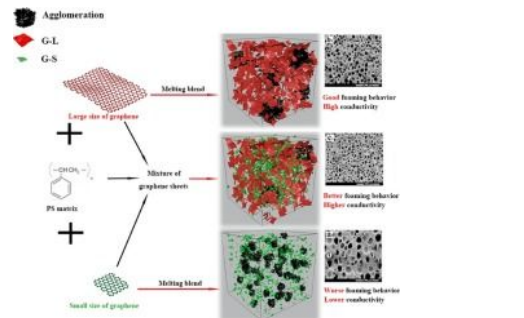


[Strategy to Enhance Conductivity of Polystyrene/Graphene Composite Foams via Supercritical Carbon Dioxide Foaming Process](#)

In Press, Accepted Manuscript, Available online 24 May 2018

Wei Xiao, Xia Liao, Qiuyue Jiang, Yuan Zhang, ... Guangxian Li

[Source : Science Direct](#)

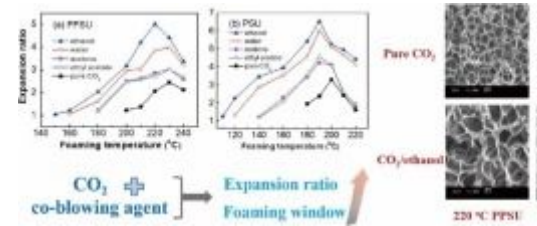


## [Microcellular foaming of polysulfones in supercritical CO<sub>2</sub> and the effect of co-blowing agent](#)

In Press, Accepted Manuscript, Available online 23 May 2018

Dong-dong Hu, Yong Gu, Tao Liu, Ling Zhao

[Source : Science Direct](#)



## SCF Products Market SCF Products Market

May 24 2018

### [Extrait de houblon - Whole Hops & Pellets For The UK & Europe](#)

<https://www.simplyhops.fr/bittering-extracts>

CO<sub>2</sub> Hop Extract is prepared from hop pellets using carbon dioxide and contains the α-acids, β-acids and essential oils of hops. CO<sub>2</sub> Hop Extract offers the ...



May 25 2018

### [CBD Pâte au Poulet de chez Beaphar 100 g achetez pas cher en ligne](#)

<https://www.petsexpert.fr> > ... > Compléments alimentaires pour chien

Un extrait de CBD utilisé par Beaphar extrait de l'extraction de CO<sub>2</sub> supercritique. Cela signifie que le CBD extrait des feuilles et des fleurs de la plante de ...



*Food Supplement for pets : chicken paste containing CO<sub>2</sub> CBD extract*



## Extended technologies extended technologies

May 23 2018

### [DECHEMA | Green Solvents Conference 2018](#)

[dechema.de/en/GSC92018.html](http://dechema.de/en/GSC92018.html)

Dear colleague,. we are sorry to inform you that our conference GSC9 „Advanced Reaction Media“ (planned to be held from 23rd to 26th of September 2018 in ...



May 29 2018

[GreenCARE, un "laboratoire commun" pour la chimie verte | Université ...](#)

<https://www.univ-rennes1.fr> › Actualités

*GreenCARE, un "laboratoire commun" pour la chimie verte ... de Beaulieu, visent à développer de nouveaux catalyseurs polymétalliques pour la chimie verte.*



*A new common lab in Rennes University working on green catalysts*



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 :