

SUPERCRITICAL WATCH

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



Weekly Report : 3rd to 10th January 2018

Watch realized by **Kasop Tech & Event** | Collect and sorting of relevant data | All links are checked | [Register on-line !](#)

Events Events

January 8 2018

[ICCDUSD London 2018: 20th International Conference on Carbon ...](#)

<https://www.waset.org/conference/2018/01/london/.../home>

International Conference on Carbon Dioxide Utilization and Sustainable Development, ICCDUSD London 2018. ... Dense phase CO2 technologies (use of supercritical or liquid CO2 in extraction or as reaction solvent) CO2 Enabling/ Sustainable Technologies CO2 as oxidant and C1+ dry-reforming. CO2 conversion into ...



January 5 2017

[Takeshi Sako - Biofuels conferences - Conference Series](#)

<https://biofuels-bioenergy.conferenceseries.com/..../takeshi-sako-shi...>

He has worked on the supercritical/subcritical fluid technology for more than 30 years. In particular, he is interested in the application of this technology to the field of energy and earth environment. He has studied the production of many kinds of bio-fuels from waste/unused materials, the recycling of waste plastics and the ...



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Scientific papers and news
scientific papers and news

January 9 2018

[Supercritical Regeneration of an Activated Carbon Fiber ... - MDPI](#)

www.mdpi.com/2076-3417/8/1/81/pdf

- supercritical fluid because of its mild critical constants, $P_c = 73$ bar and $T_c = 31$ °C. Thanks to the previously ... is not only able to remove the retained pollutants but also clean and open the microporosity of the solids ... (regeneration time, flow of regenerating fluid and number of subsequent adsorption-desorption cycles).

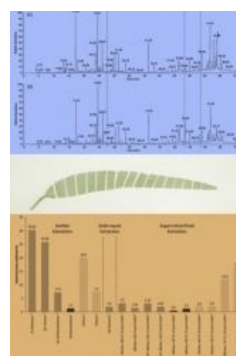


[Extraction of *Eucalyptus* leaves using solvents of distinct polarity. Cluster analysis and extracts characterization](#)

In Press, Accepted Manuscript, Available online 6 January 2018

Vítor H. Rodrigues, Marcelo M.R. de Melo, Inês Portugal, Carlos M. Silva

[Source : ScienceDirect](#)

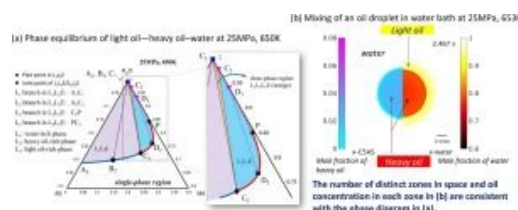


[Phase separation during mixing of partially miscible fluids under near-critical and supercritical conditions, and the phenomenon of “uphill diffusion”](#)

In Press, Accepted Manuscript, Available online 6 January 2018

Ping He, Ahmed F. Ghoniem

[Source : ScienceDirect](#)



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[Development of a ferrocenyl-based MIP in supercritical carbon dioxide: towards an electrochemical sensor for bisphenol A](#)

In Press, Accepted Manuscript, Available online

5 January 2018

Sílvia Rebocho, Cristina M. Cordas, Raquel Viveiros, Teresa Casimiro

[Source : ScienceDirect](#)



[Supercritical CO₂ extraction of bilberry \(*Vaccinium myrtillus* L.\) seed oil: fatty acid composition and antioxidant activity](#)

In Press, Accepted Manuscript, Available online

4 January 2018

Grazielle Gustinelli, Lovisa Eliasson, Cecilia Svelander, Marie Alming, Lilia Ahrné

[Source : ScienceDirect](#)



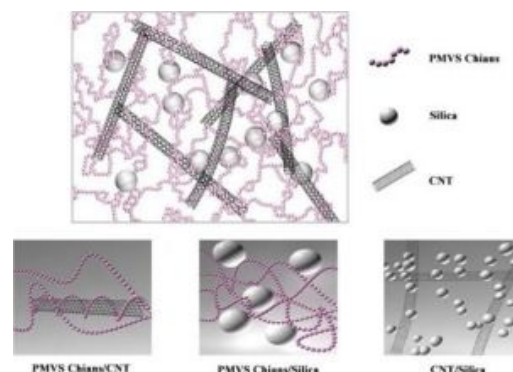
[Carbon Nanotube-Reinforced Silicone Rubber Nanocomposites and the Foaming Behavior in Supercritical Carbon Dioxide](#)

In Press, Accepted Manuscript, Available online

2 January 2018

Wanyu Tang, Jianwei Bai, Xia Liao, Wei Xiao, Yong Luo, Qi Yang, Guangxian Li

[Source : ScienceDirect](#)



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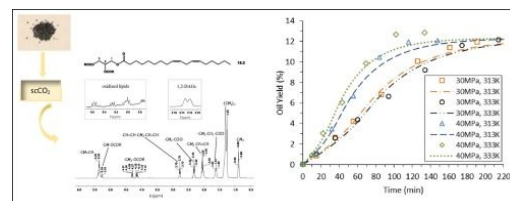
Watch realized by **Kasop Tech & Event** | Collect and sorting of relevant data | All links are checked | [Register on-line !](#)

[Recovering value from organic waste materials:
Supercritical fluid extraction of oil from industrial
grape seeds](#)

*In Press, Corrected Proof, Available online 28
December 2017*

*José P. Coelho, Rui M. Filipe, M. Paula Robalo,
Roumiana P. Stateva*

[Source : ScienceDirect](#)



[Aerogel production: Current status, research
directions, and future opportunities](#)

*In Press, Accepted Manuscript, Available online
27 December 2017*

Irina Smirnova, Pavel Gurikov

[Source : ScienceDirect](#)



SCF
Companies
SCF
Companies

January 9 2017

[TECHNICIEN \(NE\) PRODUCTION EXTRACTION](#)

[H/F](#)

[MANE](#)

Lieu de travail Le Bar-sur-Loup, FR

Vous serez chargé(e) de mettre en oeuvre les
fabrications industrielles dérivant des procédés
Co2 supercritique en concertation avec le
Responsable : préparation des ... neuvoofr



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January 4 2018

[HempAmericana Provides Update on Production Schedule: CBD Oil ...](#)

<https://www.oilandgas360.com/hempamericana-provides-update-o...>

Delivery of the Supercritical CO2 Extractor Machine is scheduled to take place this month. As previously announced, the Company has negotiated Hemp raw stock purchases in sufficient quantities to allow for aggressive production targets. The raw Hemp supply is set for delivery to the Company's principal CBD Oil



January 9 2018

[Vidéo : DFD industrialise le nettoyage par CO2 supercritique - Cetim ...](#)

www.cetim.fr/fr/.../En.../Video-DFD-industrialise-le-nettoyage-par-CO2-supercritique

Nettoyer efficacement des pièces mécaniques ou des produits textiles tout en respectant l'environnement. C'est le défi relevé par Dense Fluid Degreasing. Le secret de cette entreprise de sept personnes créée en 2012 ? Une technologie inédite de nettoyage au CO 2 supercritique à la fois plus écologique et plus ...



January 9 2018

[Supercritical fluids technology is a universal product for any...](#)

<https://wuhan.storeboard.com/.../supercritical-fluids...is.../844093>



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The industrial uses and benefits of Supercritical fluids technology are unmatched and unchallenged. You can find thousands of applications, using this technology today for different needs. To name a few are as follows: Supercritical fluid. Supercritical fluid decomposition. Dry-cleaning. Supercritical fluid chromatography



“written by a Chinese SCF Equipment provider located in Shanghai Area”

January 9 2018

[Supercritical fluid extraction workshop - Organic Herb Inc.](#)

hi.organic-extracts.com/factory-image/13386.html

Supercritical fluid extraction workshop. Packing & Storage Workshop; Spraying & Drying Workshop; Supercritical fluid extraction workshop; Filtration & Concentration Workshop; Standard Extraction Workshop; Extraction; Our Factory. संबंधित खोजशब्दों. प्लांट एक्सट्रैक्ट्स , हर्बल एक्सट्रैक्ट्स ...



January 5 2018

[ICC Labs Inc. Announces Increase of Expected Processing Capacity ...](#)

www.digitaljournal.com/pr/3613998

ICC Labs will increase the proposed production capacity at its state of the art laboratory being constructed in Uruguay from 50000 kg per year



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of dry cannabinoid flowers to 150000 kg per year by purchasing a second line supercritical fluid CO2 extractor. The Company intends to produce up to 8 million 30-millilitre bottles of ...

January 9 2018

[GAILLAC | Pierre Fabre](#)

<https://www.pierre-fabre.com/fr/implantations/gaillac-0>

... principes actifs pour toutes les activités du groupe. Nous avons développé sur ce site un savoir-faire spécifique dans les domaines de l'extraction végétale, de la purification, de la synthèse, de l'hémisynthèse et de la fluoration ainsi qu'une expertise de pointe dans les fluides supercritiques et la culture cellulaire végétale



"original information published on 8 dec 2017"



Pierre Fabre

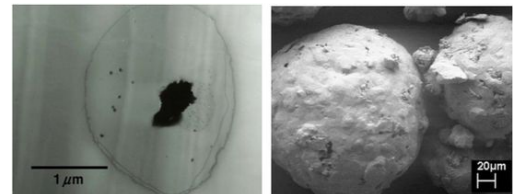
SCF
Products
Market
SCF
Products
Market

January 5 2018

[Learn more about drug formulation by using supercritical fluid ...](#)

<https://www.pharma-excipients.ch/.../learn-more-about-drug-form...>

Abstract. Supercritical fluid (SCF) technology has been applied to drug product development over the last thirty years and drug particle generation using SCFs appears to be an efficient way to carry out drug formulation which will form



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end-products meeting targeted specifications.

This article presents an overview of drug ...



“based on a scientific review written by Prof E. Badens and its team available from 28 dec 2018 on Science Direct”

January 4 2018

[Global Supercritical Fluid Chromatography Reagent Market ...](#)

islandpostgazette.com/...supercritical...chromatography.../40256

An up-to-date research has been disclosed by Questale highlighting the GlobalSupercritical Fluid Chromatography Reagent segment. The report deep dives into the dynamics of Global Supercritical Fluid Chromatography Reagent providing useful and unique insights. The information is shared in a precise and structured ..



January 6 2018

[Buy CBD Patches for sale online - Free Shipping & Guest Checkout](#)

Green Wellness Life500 × 500Recherche par image
cbd patches 5-pack



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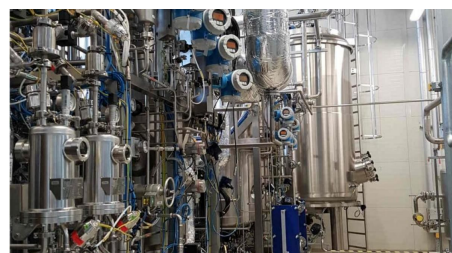
Extended technologies
extended technologies

January 8 2018

[Global Bioenergies bientôt prêt à produire à grande ... - Portail Free](#)

portail.free.fr/.../7385747_20180108_global-bioenergies-bientot-pret-a-produire-a-gr...

Global Bioenergies réalise un début d'année 2018 tonitruant en Bourse alors que la société de **chimie verte** aborde une étape clé de son développement. Global Bioenergies a accéléré ce lundi sa remontée en Bourse, bondissant de +9,8% à 19,32 euros. Le titre a pris portant ses gains à...



If information about event, company, scientific articles appear on web several times (either on one week or one month) : these information are 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 advise : only a selection of news is done and reported in the Supercritical Watch Report.

Comments or advise on web article lecture is provided through the following icone :

