

SUPERCRITICAL WATCH

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



Weekly Report : 4th to 12th July 2018

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[SCF Companies](#)

[Scientific paper
& news](#)

[SCF Products
market](#)

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Events Events

July 8 2018

[Event :: 12th International Symposium on the "Scientific Bases for the ...](#)

[https://www.chemistryviews.org/.../12th_International_Symposium.](https://www.chemistryviews.org/.../12th_International_Symposium)

..

... to 12 July 2018; Event Type: Conference; Venue: Louvain-La-Neuve, Belgium ... radiation; Plasma assisted preparations; Synthesis in supercritical conditions ...



July 9 2018

[2019 Agenda - Global Drug Delivery Formulation Summit](#)

<https://www.ddfevent.com/program-2019/>

Mostafa Nakach, Head of Pharmaceutical Engineering, Sanofi Enhancing Drug Formulation of Challenging Compounds Using Supercritical Fluid (SCF) ...



10th Global
DDF Summit
Drug Delivery & Formulation
11 - 13 March 2019 | Berlin



A Case Study (4:05 PM - 4:40 PM - Day 1 - Technology & Innovation Session) on Enhancing Drug Formulation of Challenging Compounds Using Supercritical Fluid (SCF) Technologies

SCF Companies SCF Companies

July 9 2018

[Supercritical Fluid Extraction | Inexus Bio Private Limited](#)

[inexusbio.com/.../supercritical-fluid.../supercritical-fluid-extraction..](https://www.inexusbio.com/.../supercritical-fluid.../supercritical-fluid-extraction..)

Carbon Dioxide is a versatile solvent for wide-range of applications. It is chemically pure, stable and non-polar solvent that can be manipulated by changing ...



iNEXUS
Connecting Science



Inexus is an Indian company providing Sc CO₂ equipment

July 5 2018

[22nd International Mass Spectrometry Conference - Alphachrom](http://alphachrom.hr/.../22nd-international-mass-spectrometry-conferen)
alphachrom.hr/.../22nd-international-mass-spectrometry-conferen
 C...

22nd International Mass Spectrometry Conference ...
 Supercritical fluid chromatography coupled to ion mobility Q-TOF
 MS mass spectrometry for the analysis of ...



Conference on 29 August, 2018 on Supercritical fluid chromatography coupled to ion mobility Q-TOF MS mass spectrometry for the analysis of lipids



July 12 2018

[Supercritical fluids equipment](#)
[Top Industrie](#)

Exclusively on our channel, the video of our supercritical production unit that was just delivered in Tunisia.



July 6 2018

[Home • Viridios Systems](#)
<https://viridiossystems.com/>

Our multiple patent-pending system introduces innovations in supercritical CO2 extraction on several fronts and will transform your processing plan. Explore. 3 ...



Web-site up-dating of Viridios supercritical CO₂ supplier



July 9 2018

[Inauguration of the new GMP Blending facility at Valinhos- São Paulo ...](#)
[www.synthite.com/.../Inauguration-of-the-new-GMP-Blending-faci.](http://www.synthite.com/.../Inauguration-of-the-new-GMP-Blending-faci)

Dr Viju Jacob, Managing Director of Synthite & José Eduardo Ghiraldini, General manager of Synthite Brasil inaugurating the new GMP Blending facility at ...



Scientific papers & news
Scientific papers & news

July 9 2018

[La présente mise en concurrence porte sur l'acquisition d'un système d'alimentation en co2 supercritique](https://www.francemarches.com/appele-offre/3-boamp-1895695/presente-mise-concurrence-porte)

<https://www.francemarches.com/appele-offre/3-boamp-1895695/presente-mise-concurrence-porte>

Laboratoire Ingénierie des matériaux polymères ... Université Jean Monnet .. Saint-Etienne ... acquisition d'un système d'alimentation en Co2 supercritique .



Public call for purchasing of furniture for a supercritical CO2 system



July 6 2018

[Advanced Search | Food Quality and Safety | Oxford Academic](https://academic.oup.com/fqs/advanced-search?page=1&fl...)

<https://academic.oup.com/fqs/advanced-search?page=1&fl...> -

in Advent of clean and green technology for preparation of low-cholesterol dairy cream powder: supercritical fluid extraction process > Food Quality and Safety.



July 12 2018

[Encapsulated curcumin shows potential to rival ... - Food Navigator](https://www.foodnavigator.com/.../Encapsulated-curcumin-shows-)

<https://www.foodnavigator.com/.../Encapsulated-curcumin-shows->

.. With demand for natural food colors continuing to increase, supercritical antisolvent (SAS) technology may allow for encapsulated curcumin to replace artificial ...



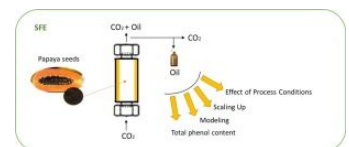
[Simulating large scale SFE applied to recover bioactive compounds from papaya seeds](#)

Original research article

In Press, Accepted Manuscript, Available online 11 July 2018

Rafaela Marise Hall, Diego Alex Mayer, Simone Mazzutti, Sandra Regina Salvador Ferreira

[Source : Science Direct](#)



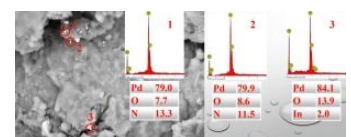
[Obtaining of Highly-Active Catalysts Of Unsaturated Compounds Hydrogenation By Using Supercritical Carbon Dioxide](#)

Original research article

In Press, Accepted Manuscript, Available online 10 July 2018

Oleg P. Parenago, Peter S. Timashev, Eduard A. Karakhanov, Anton L. Maximov, ... Victor N. Bagratashvili

[Source : Science Direct](#)



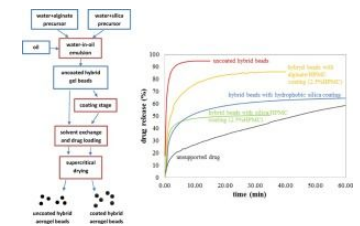
AN EMULSIFICATION/INTERNAL SETTING TECHNIQUE FOR THE PREPARATION OF COATED AND UNCOATED HYBRID SILICA/ALGINATE AEROGEL BEADS FOR CONTROLLED DRUG DELIVERY

Original research article

In Press, Accepted Manuscript, Available online 7 July 2018

Cristiano Agostino Bugnone, Silvia Ronchetti, Luigi Manna, Mauro Banchero

[Source : Science Direct](#)



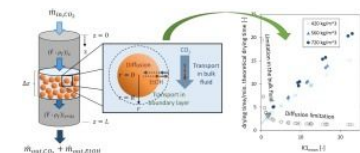
Model development for sc-drying kinetics of aerogels: Part 2. Packed bed of spherical particles

Original research article

In Press, Accepted Manuscript, Available online 6 July 2018

Ilka Selmer, Anna-Sophia Behnecke, Patricio Farrell, Alberto Bueno Morales, ... Irina Smirnova

[Source : Science Direct](#)



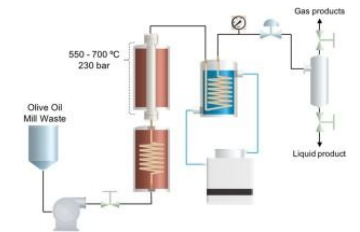
Gasification of Olive Oil Mill Waste by Supercritical Water in a Continuous Reactor

Original research article

In Press, Accepted Manuscript, Available online 5 July 2018

P. Casademont, L. Cardozo-Filho, E. Meurer, J. Sánchez-Oneto, J.R. Portela

[Source : Science Direct](#)



Hydrothermal conversion of biomass (xanthium strumarium) to energetic materials and comparison with other thermochemical methods

Original research article

In Press, Accepted Manuscript, Available online 5 July 2018

Halil Durak, Yaşar Genel

[Source : Science Direct](#)



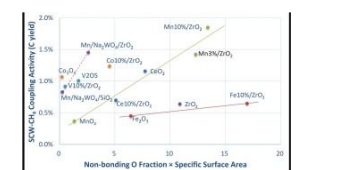
Catalytic Oxidative Coupling of Methane in Supercritical Water: Investigations on a Catalytically Active Species

Original research article

In Press, Accepted Manuscript, Available online 4 July 2018

Muzamil A. Hassan, Toshihiro Miyao, Masaharu Komiyama

[Source : Science Direct](#)



July 9 2018

[Perspectives, le 9 juillet - Colleges and Institutes Canada](https://www.collegesinstitutes.ca/fr/centre-des-nouvelles/.../perspectives-le-9-juillet/)

<https://www.collegesinstitutes.ca/fr/centre-des-nouvelles/.../perspectives-le-9-juillet/>

C'est officiel! Le soir du 19 juin, le Sénat a voté en faveur du projet de loi C-45, ou la Loi sur le cannabis, ce qui fait du Canada ... vertes, dont les technologies utilisées dans l'extraction du CO2 supercritique. Loyalist College



Cannabis consumption authorized in Canada opening the way for Sc CO2 technologies. Example of Loyalist College, Ontario



July 6 2018

[HUILE DE PEPINS DE GRENADE - GRANOMEGA - Phytosud](https://www.phytosud.com/home/28-huile-de-pekins-de-grenade-granomega.html)

<https://www.phytosud.com/home/28-huile-de-pekins-de-grenade-granomega.html>

L'extraction CO2 permet d'obtenir l'huile dans des conditions non ... Votre panier totalisera 2 points pouvant être transformé(s) en un bon de réduction de 0,40 €.



Cosmetic face oil containing pomegranate CO₂ extracts, distributed by a French Company



July 9 2018

[Organic Rice Bran Oil CO2 Extract | Botanical CO2 Extracts | Aromatic](https://www.aromantic.co.uk/...co2-extracts/organic-rice-bran-oil-c)

<https://www.aromantic.co.uk/...co2-extracts/organic-rice-bran-oil-c>

... Organic Rice Bran harvested in Italy and taken to Germany for super-critical CO2 extraction under organic conditions, creating a very concentrated product of ...



July 8 2018

[Rum CO2 Extract for natural perfumery from hermitageoils.com](https://hermitageoils.com)

<https://hermitageoils.com> › ... › Rum CO2 (SELECT)

Adam Michael has this to say "Smell rum CO2 from the bottle and you are wowed by a stunningly powerful boozy rum aroma balanced with delicate juicy fruits."

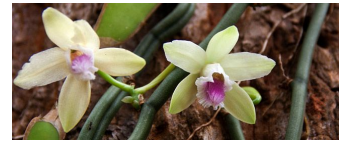


July 8 2018

[Vanilla Absolute and Vanilla CO2 Extract Uses and Benefits | AromaWeb](#)

<https://www.aromaweb.com/essential-oils/vanilla-oil.asp>

AromaWeb's Vanilla Absolute, CO2 Extract and Oleoresin Profile provides detailed info about each vanilla aromatic. It includes photos, uses, benefits, properties ...



July 11 2018

[The science behind curcumin – Martin Clinic](#)

<https://martinclinic.com/pages/the-science-behind-curcumin>

Our DAILY CURCUMIN contains a 30:1 supercritical extraction concentrate... We've added a black pepper extract that has been proven to increase curcumin ...



Extended technologies
Extended technologies

July 12 2018

[Academic reveals top ten items threatened by CO2 | Heriot-Watt ...](#)

<https://www.hw.ac.uk> › [About](#) › [News](#)

... and pressure (31°C and 73 atmospheres) CO2 becomes a supercritical fluid. ... environmentally friendly solvent for dry cleaning, decaffeinating coffee and in ...



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. 