

SUPERCRITICAL WATCH

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



Weekly Report : 22nd to 29th August 2018

Watch realized by **Kasop Tech & Event** | Collect and sorting of relevant data | All links are checked |

[SCF Companies](#)

[Scientific paper
& news](#)

[SCF Products
market](#)

[Extended technologies](#)

Events Events

August 26 2018

[SciencesConf.org](https://www.sciencesconf.org)

<https://www.sciencesconf.org/browse/list?lang=en>

AES2018 : 38e Journées de l'Association d'économie sociale.

Lyon, France JNSC2018 : Journées nationales supercritiques

2018. Toulouse, France.



Reminding of 3rd French National Academic Workshop on Sc Fluids, Toulouse, December 2018



August 22 2018

[UniCRE - 23rd International Congress of Chemical and Process ...](http://www.unicre.cz/.../23rd-international-congress-of-chemical-and-p...)

www.unicre.cz/.../23rd-international-congress-of-chemical-and-p...

..

CHISA SPECIALISED SYMPOSIA. Symposium on environmental engineering; Symposium on safety in chemical industry; Symposium on supercritical fluid ...



CHISA 2018 PRAGUE | 25-29 AUGUST 2018
PRAGUE, CZECH REPUBLIC

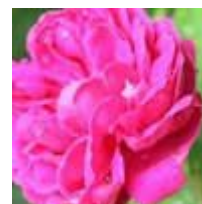
SCF Companies SCF Companies

August 20 2018

[Grasse : chez Firmenich, "le naturel a toujours quelque chose à dire"](#)

La Provence

... la distillation fractionnée, ou encore l'extraction au CO2 supercritique. "Par exemple on va pouvoir développer le côté fruité d'une fragrance ..



August 23 2018

[Supercritical CO2 Extraction](https://supercritical-co2-extraction.com/)

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

Supercritical CO2 Extraction | News | Technology | Development | Botanical Extractions and Hemp industry.



August 24 2018

[Jérémy LAGRUE_ Président fondateur de SFE Process](#)

SFE Process est fière d'avoir été sélectionné au niveau régional pour le 9ème Trophées PME Bougeons-nous! organisé par BFM avec RMC. Prochaine étape : Sélection Nationale le 2 Octobre à PARIS; Nous comptons sur votre soutien!



Detected on LinkedIn - SFE Process company selected for Small Industries Award



August 24 2018

[ExtraktLAB @ExtraktLAB](#)

Play to win... Processing 2,500lbs of trim per day is possible with #ExtraktLAB's #supercritical #co2 #extractors! We offer, "some of the fastest processing on the market," according to @GreenRushDaily, as well as 99% #cannabinoid recovery.



Direct Link to video

<https://twitter.com/i/status/1032995147963875334>



August 27 2018

[Essential Oils & Oleoresins - Nutraceutex](#)

www.nutraceutex.com/Agri.html

supercritical CO2 "safer, cleaner, purer way to extract plant oils". We are broadening the sustainability of CO2 extraction with systems designed for cost-effective, ...



Web-site up dating of Nutraceutex, Indian Company



August 27 2018

[CO2 Extractors Canada - Evolved Extractions – Evolved Extraction ...](#)

<https://evolvedextraction.com/pages/co2-extractors>

We offer a variety of CO2 Extractors and other products. Located in Pitt Meadows, ... 10L Closed Loop CO2 Supercritical Extractor (Semi-Automated). Sold out ...



Scientific papers & news
Scientific papers &

August 25 2018

[ICLASS 2018](#)

<https://www.iclass2018.org/>

Supercritical/transcritical atomization. And more! ... ICLASS 2018 is the 14th International Conference on Liquid Atomization and Spray Systems. Organized by ...

ICLASS 2018:
14TH INTERNATIONAL CONFERENCE
ON LIQUID ATOMIZATION & SPRAY SYSTEMS
JULY 22-26, 2018 • UNIVERSITY OF ILLINOIS - CHICAGO • USA



To have a direct look of Supercritical/transcritical Session Communications, go on Wednesday / 13:30-14:50 And 15:30-16:50 chairs.

August 29 2018

[Coming next - CEA-Irfu](#)

irfu.cea.fr/en/Phocea/Vie_des_labos/Seminaires/index.php?KAT_ID=&

Soutenances de thèse. Bat 713 ... des phénomènes thermohydrauliques résultant du quench d'un aimant supraconducteur refroidi en hélium supercritique ».



August 22 2018

[Green process cuts water use, pollution in textile industry - The Hindu](#)

<https://www.thehindu.com/sci-tech/...in.../article24780520.ece>

Liquid, supercritical CO2 is used instead of water; sucrose octaacetate for starch. ... By using liquid and supercritical carbon dioxide instead of water, and sucrose



August 23 2018

[Controlling the manufacture of stable aerogels — KYOTO UNIVERSITY](#)

https://www.kyoto-u.ac.jp/en/research/research.../180712_2.html

Researchers control the self-assembly of molecules to form an ultralight, porous gel. ... The team then treated the gel with supercritical carbon dioxide. The gas ...



京都大学
KYOTO UNIVERSITY

August 27 2018

[Job Listings - Academic Jobs Online](#)

<https://academicjobsonline.org/ajo/jobs/1512>

[PDOC] Post-Doctoral Associate (deadline 2018/04/01). 885 0
[TECH] SupercriticalWater Oxidation (SCWO) Technician (2018/09/30). Computer Science ...



PRATT SCHOOL of
ENGINEERING

August 23 2018

[Microfluidics at High Pressures - DiVA](#)

uu.diva-portal.org/smash/get/diva2:1221121/FULLTEXT01.pdf

Flows of multiphase CO2-H2O hold promise for miniaturized extraction ... Keywords: High-pressure microfluidics, supercritical CO2, compressible flow, relative.



Digital Comprehensive Summaries of Uppsala Dissertations
from the Faculty of Science and Technology 1687

Microfluidics at High Pressures

Understanding, Sensing, and Control

MARTIN ANDERSSON



On-line Dissertation manuscript of MARTIN ANDERSSON, UPPSALA University

August 23 2018

[Poly\(4-vinylpyridine\) based novel stationary phase investigated under ...](#)

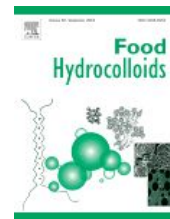
<https://www.sciencedirect.com/science/article/.../S00219673183105>.. Supercritical fluid chromatography (SFC) is increasing in use in the analytical and Combining P4VP column with supercritical fluid extraction (SFE) and ...



August 28 2018

[Stabilization of Foam and Emulsion by Subcritical Water-Treated Soy ...](#)

<https://www.sciencedirect.com/science/.../pii/S0268005X18307501> - In our previous work, we found that subcritical water (SW, >100°C) treatment could effectively extract protein from heat-denatured soy and rice bran meal (Lu et ...



August 28 2018

[Tuning structure and properties of pectin aerogels - ScienceDirect](#)
<https://www.sciencedirect.com/science/article/.../S00143057183133>..

Highly porous and nanostructured pectin aerogels were synthesized via dissolution-solvent exchange-drying with supercritical CO₂. The goal was to show why ...



August 26 2018

[Solution enhanced dispersion by supercritical fluids \(SEDS\): An ...](#)
<https://www.sciencedirect.com/science/article/.../S02638762183042>...

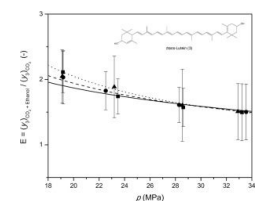
Sticky crude *A. paniculata* extract was successfully SEDS precipitated into powder. particle engineering approach using supercritical fluids (SCFs) would be ... Carbon dioxide (CO₂) with purity of 99.99% was used as anti-solvent (Alpha Gas ...



[Cosolvent effect of ethanol on the solubility of lutein in supercritical carbon dioxide](#)

Karina A. Araus, Víctor Casado, José M. del Valle, Paz S. Robert, Juan C. de la Fuente
In Press, Accepted Manuscript, Available online 24 August 2018

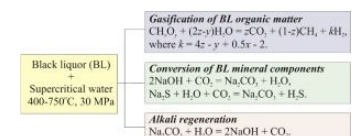
[Source : Science Direct](#)



[Conjugated processes of black liquor mineral and organic components conversion in supercritical water](#)

Oxana N. Fedyeva, Anatoly A. Vostrikov, Andrey V. Shishkin, Dmitriy Yu. Dubov
In Press, Accepted Manuscript, Available online 24 August 2018

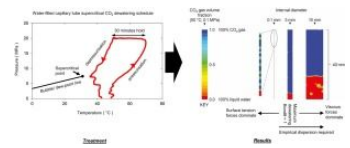
[Source : Science Direct](#)



[Predictive modelling of supercritical CO2 dewatering of capillary tubes](#)

Hamish Pearson, Bernard Dawson, Mark Kimberley, Bruce Davy
In Press, Accepted Manuscript, Available online 26 August 2018

[Source : Science Direct](#)



SCF
Products
Market
SCF
Products
Market

August 24 2018

[Illumine Elixir Supercritical Face Oil - Purearth](#)

<https://purearth.asia/products/illumine-face-elixir-oil>

120,00 \$US

Wild foraged, supercritical CO2 extracted Himalayan seabuckthorn berry and rosehip seed oils are hand blended with skin loving, nourishing organic raw ...



August 28 2018

[sea buckthorn CO2 extract, hydrolyzed silk protein and ... - J.Crew](#)

<https://www.jcrew.com/cn/p/...co2-extract.../K5600?...>

Extracts from the antioxidant-rich sea buckthorn and CO2 in this detangling, everyday conditioner help nourish and condition the hair and scalp. Tocopherol ...



August 26 2018

[African Copal Bark \(CO2\) | Essential Oil Wizardry](#)

<https://essentialoilwizardry.com> > ... > African Copal Bark (CO2)

30,00 \$US à 65,00 \$US

African Copal Bark extract is a very precious, rare, precious & exotic ... Extremely unique and special CO2 extract for botanical perfumery – can be added into ...



August 26 2018

[What Is CBD Oil And How Did It Become A \\$1 Billion Industry?](#)

[Business Insider](#)

19 k vues il y a 3 jours

You might have noticed a lot of products lately that are infused with CBD. But what exactly is CBD? CBD stands for cannabidiol,



August 28 2018

[Triphala Bio - Certifié Bio UE | Complément alimentaire à base de](#)

[...](#)

Triphala Bio - Certifié Bio UE | Complément alimentaire à base de plantes 100% naturel | Favorise une digestion saine | Ayurveda | 60 capsules végétariennes ...



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 : 