

SUPERCRITICAL WATCH

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



Weekly Report : 27th September to 4th October 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

September 27 2018

[Events | Duke GCB](#)

<https://genome.duke.edu/events>

Location: Bryan Research 103Advances in genetics and genomics have begun to His supercritical water oxidation technology has been implemented into a ...



Marc Deshusses (374 Water) professor at Duke University will show its research work on supercritical water oxidation "re-invent the toilet" - Direct link on invention : <https://www.youtube.com/watch?v=kHyRiaz52Mc>



GCB
Duke Center for Genomic
and Computational Biology

October 1 2018

[Dr. Joel Richard | Pharmapack | Innovation, Networking, Education](#)

<https://www.pharmapackeurope.com/fr/agenda/speakers/dr-joel-richard?query...>

... protéines modifiées chimiquement, technologie des fluides supercritiques, etc. ... de plus de 140 communications internationales et de 55 familles de brevets.



Announcement of speakers of next Pharmapack symposium which will be held in February 2019 in Paris

Drug Delivery & Packaging
Pharmapack
INNOVATION • NETWORKING • EDUCATION

SCF Companies SCF Companies

September 28 2018

[Supercritical Process Reaches Critical Stage | Chemical Processing](#)

<https://www.chemicalprocessing.com/.../supercritical-process-reach>

The technology, which relies on water at or near **supercritical** temperatures and pressures for its action, converts low-value feedstocks such as biomass residues ...



LicellaTM
HOLDINGS

October 1 2018

[Servier lance sa nouvelle offre de chromatographie préparative dans ...](#)

<https://www.mypharma-editions.com/servier-lance-sa-nouvelle-offre-de-chromatogra...>

Sans oublier le recours à une technologie verte alliant CO₂ supercritique et évaporateur à film tombant, lequel recycle jusqu'à 90 % de solvants. De plus, la ...



Servier laboratories open a new lab to produce active compound based on use of different chromatography techniques including Supercritical CO₂ Chromatography



October 2 2018

[Xtraction Services – Extraction Machinery For Hemp & Cannabis ...](#)

<https://www.newcannabisventures.com/xtraction-services-machiner..> In this video, Dr. Dundore, inventor and CTO, highlights the XS50L CO₂ supercritical machine, explaining what makes Xtraction Services' equipment stand out.



October 3 2018

[Jérémy LAGRUE - Président fondateur de SFE Process](#)

Nous sommes fiers d'avoir remporté le prix de la catégorie "Entreprise Durable" des 9^{èmes} Trophées PME Bougeons-nous RMC de la région EST. Suivez nous sur nos réseaux sociaux pour suivre l'actualité de l'aventure [SFE PROCESS!](#)



SFE Process won a SME award prize in sustainable company category



Scientific papers & news
Scientific papers & news

September 27 2018

[Procédés membranaires en milieu ScCO₂ pour des procédés ...](#)

https://www.abg.asso.fr/fr/candidatOffres/show/id_offre/80454

Les principes de la chimie verte conduisent à des procédés sans solvant ou utilisant des solvants verts parmi lesquels le CO₂ à l'état supercritique (CO₂Sc) est ...



Ph D Offer - LG Toulouse : thesis on use of membranes process into supercritical conditions in order to reduce energy cost of the whole process

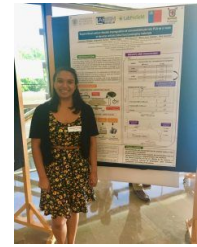


September 27 2018

[News | Cedenna](#)

cedenna.cl/seccion/noticias/

Chilean Academy of Sciences distinguished doctoral work as a researcher ... Carolina Villegas, received the Best Poster award for her work Supercritical carbon ...

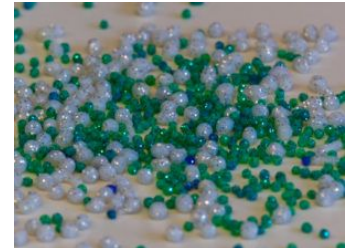


October 1 2018

nanohybrids.eu | [New generation of nanoporous organic and hybrid ...](#)

nanohybrids.eu/

Celebrating 100 years of Department of Chemistry with Athens Conference on ... of external mass transfer effects in supercritical drying of alcogel particles.



October 1 2018

[Micronization of the drug Imiquimode with supercritical ... - BV FAPESP](#)

www.bv.fapesp.br/.../micronization-of-the-drug-imiquimode-with-...

Micronization of the drug Imiquimode with supercritical CO₂ aiming to ... Fractionation of high added value compounds from microalgae in the context of sust.

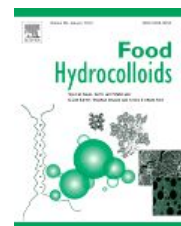


October 1 2018

[Food Hydrocolloids, 化学·材料, 其他类期刊, - X-MOL](#)

<https://www.x-mol.com/paper/7/146>

Stabilization of Foam and Emulsion by Subcritical Water-Treated Soy Protein: ... and gel properties of agar extracted by enzyme and enzyme-assisted methods.

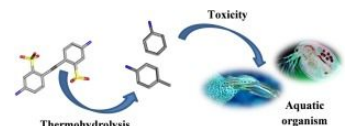


[Decomposition of stilbene derivatives during thermohydrolysis and the impact on aquatic environment](#)

Monika Janas, Grzegorz Rogacki, Alicja Zawadzka

In Press, Accepted Manuscript, Available online 3 October 2018

[Source Science Direct](#)

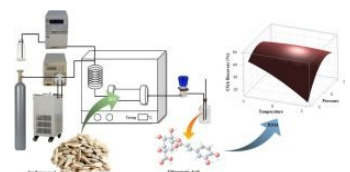


[Supercritical CO₂ extraction of chlorogenic acid from sunflower \(Helianthus annuus\) seed kernels: modeling and optimization by response surface methodology](#)

Athar Daraee, Seyyed M. Ghoreishi, Ali Hedayati

In Press, Accepted Manuscript, Available online 3 October 2018

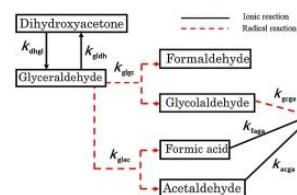
[Source Science Direct](#)



Determination of retro-aldol reaction type for glyceraldehyde under hydrothermal conditions

Rahmat Iman Mainil, Nattacha Paksung, Yukihiko Matsumura
In Press, Accepted Manuscript, Available online 26 September 2018

Source Science Direct



SCF
Products
Market
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September 29 2018

Peach Flavor Co2 Extract - Pure Anada Cosmetics

Pure Anada

Co2 Flavors are natural extracts from plants! The "Supercritical Co2 Extraction Method



September 29 2018

Extraits CO2 – Zone Nature

<https://zonenature.com/collections/co2s>

Le CO2 supercritique agit comme un solvant lipophile qui peut transporter des ... Selon le matériel végétal et les conditions d'extraction, les extraits de CO2 ...



Web-site up-dating of zone Nature, canadian company distributing CO2 extracts



September 30 2018

CO2 Extract - Polynesian Gold™ 70% Kavalactone - Root of Happiness

<https://rootofhappineskava.com/.../polynesian-gold-70-co-extract->

Our Polynesian Gold™ 70% Kavalactone CO2 Extract is the finest Kava ... Supercritical CO2 Extraction - Solventless Extract; 70% Kavalactones; Noble 245 ...



September 30 2018

Pommade réparatrice Huile de Chanvre India 30 ml - Cbdeau

<https://www.cbdeau.fr/soins.../pommade-reconstructrice-a-l-huile-d-e-chanvre-14.html>

La préparation du CBD se fait avec la technique du CO2 supercritique, pour conserver le maximum de composés tels que les terpénoides et d'autres ...



