

FRUIT PROCESSING *digital*

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Events

Flavours & Ingredients

Hygienic Design

Industry 4.0

Market Price Report

Science & Research

Software

APRIL
4/2022

INTERNATIONAL JOURNAL FOR THE FRUIT PROCESSING, JUICE AND SOFT DRINKS PRODUCING INDUSTRY



Software enables the dimensioning of ion exchange systems for food applications

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WORLD OF FRUITS 2022
International Juice and Soft Drinks Review

FRUCHTWELTEN 2022
Internationaler Produktspiegel AfG

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WAS TRINKEN WIR MORGEN?

WORLD OF FRUITS 2021

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I am happy to answer your questions!

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HYGIENIC DESIGN

Expertise in canning: KHS and Ferrum adopt pioneering role in hygienic machine design 114



An increasing number of beverages are being filled into cans worldwide, with the diversity of products seeing a similar increase. It is for precisely this reason that canners make particularly high demands of flexibility and the hygienic design of their machinery. KHS and Ferrum take on a pioneering role in this field. Their technical systems, perfectly attuned to one another thanks to many years of partnership, enable beverage producers to market high-quality products that are hygienically flawless ...

EVENTS

Sustainability in beverage and liquid food manufacturing 118

Seven of the world’s ten largest beverage manufacturers have signed the UN Global Compact goal of 1.5 °Celsius. They are setting themselves science-based targets for reducing their emissions. But it’s not just the top-ten of the beverage industry that have committed themselves in this network: Suppliers of dairy products and liquid foods are also positioning themselves for sustainable manufacturing and packaging processes ...

INDUSTRY 4.0

How manufacturers can go unwired to unleash unlimited possibilities 120

Where it’s difficult to hardwire industrial operations to ensure time to market, industrial wireless LANs (WLANs) provide an ideal alternative to traditional wired Ethernet LANs. Indeed, recent advances in wireless technology have contributed to industrial WLANs becoming commonplace solutions in plants, warehouses, and ...

IMPRINT

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SCIENCE & RESEARCH

NTU Singapore scientists develop coated probiotics that could be effectively delivered into the human gut . 122

Scientists at Nanyang Technological University, Singapore (NTU Singapore) have developed probiotics with a unique edible coating that ensures the beneficial bacteria successfully reach the intestine once they are ingested ...

FLAVOURS & INGREDIENTS

Micronutrients for mental well-being and cognitive performance 124

The fact that nutrition has a decisive influence on mood and the psyche was confirmed by the discovery of tryptophane in chocolate, if not before. It has been scientifically proven that many micronutrients support mental wellbeing, cognitive performance and brain health. An inadequate supply of these micronutrients can lead to serious illness, including but not limited to depression. Nutrient deficiency is widespread among ...

SOFTWARE

LANXESS expands design software with food module. 126

The specialty chemicals company LANXESS has added functions for the food industry to its LewaPlus design software. The new module enables the dimensioning of ion exchange systems including a number of unique process configurations that can be achieved only with Lewatit types specially developed for food applications. The intuitive LewaPlus design software has ...

SCIENCE & RESEARCH

Oregon State researchers makes key advance in turning apple waste into packaging material 128



A new study by Oregon State University scientists outlines a key advance in turning apple waste into an environmentally friendly packaging material that could serve as an alternative to plastic. Yanyun Zhao, an Oregon State professor who leads a research team focusing on sustainable food packaging and processing, has studied apple pomace and other byproducts from processing fruit and vegetable juice ...

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