

https://percipio-big-data.com/#/dashboard/0?q=w:foods_m

Functional_food

Frequent/Trendy

Correlation: High

Words history from 1970

Frequency Files Percentage Rel. norm

All documents Sort by year Location only

- PROCESSING METHOD OF FOODS, AND PROCESSING DEVICE OF FOODS FOR CONDUCTING ...**
WANG ER RUI - JP2020014459, 2020
To provide a processing method of foods capable of enhancing economical value of fish or meat, and a processing device of foods for conducting the method.SOLUTION: There is provided a processing method of foods applied to processing a process target having bone and attached meat, including a step (A) for...
- ANTI-CAKING AND FLOW AGENTS FOR DRY POWDERED FOODS, FOOD INGREDIENTS, PHAR...**
MEYERS GREGORY J, AMOS SAMANTHA L - US20200246469, 2020
An anti-caking or flow agent is provided herein. The anti-caking or flow agent may include a bamboo extract that may include silica and carbohydrate. The bamboo extract may have a loose density (g/ml) of from about 0.14 g/ml to about 0.18 g/ml or a tapped density (g/ml) of from about 0.18 g/ml to about 0.22 g/ml. The bamboo...
- Foods for maintaining and improving renal functions and making method of foods**
MA CHENGUANG - CN110651996, 2020
The invention relates to foods for maintaining and improving renal functions. Constitution components and components in parts by weight meet the following requirements. The foods comprise the components of 100-800 parts of penis cervi dry powder, 30-400 parts of cortex eucommiae staminate flower powder, 20-250 parts...
- Functional Foods Using Pig Non-Preferred Site and Manufacturing Method Thereof**
최근석, 최범석 - KR2020090030, 2020
- IOT IOT Base Smart FRY Healing Foods Factory Franchis system**
LEE JIN WOO, LEE CHANG YOUL - KR20200048996, 2020
- PAR-BAKED AND MILLED COFFEE BEANS FOR USE IN FOODS, BEVERAGES AND DIETARY SU...**
PERLMAN DANIEL - EP3692802, 2020
The present invention concerns compositions and methods relating to the addition and use of par-baked and milled coffee beans in food products, beverages, and dietary supplements. Par-baked and milled coffee beans are a novel alternative to more costly chlorogenic acid extracts, and are edible and palatable as a food...
- METHOD FOR PRODUCING FATS AND OILS COMPOSITION, AGENT FOR REDUCING OILINESS...**

Showing first 10000 results. Refine your query with additional keywords.

PROCESSING METHOD OF FOODS, AND PROCESSING DEVICE OF FOODS FOR CONDUCTING THE METHOD (epo)

Author(s): WANG ER RUI
Assignee(s): WANG ER RUI
Priority date: 2018-07-27
Application date: 2019-07-17
Publishing date: 2020-01-30
JP2020014459

To provide a processing method of foods capable of enhancing economical value of fish or meat, and a processing device of foods for conducting the method.SOLUTION: There is provided a processing method of foods applied to processing a process target having bone and attached meat, including a step (A) for conducting steam operation on the process target, a step (B) for conducting centrifugal separation to the process target processed in the steam operation and taking out the attached meat from the bone, a step (C) for conducting a heating and compression operation on the bone from which the attached meat is taken out under pressure in a range of 2 kg/cm² to 20 kg/cm² at a temperature in a range of 110°C to 200°C and softening the same to obtain a softened bone, a step (D) for conducting a drying operation on the softened bone at a temperature in a range of 40°C to 100°C and embrittling the same to obtain an embrittled bone, and a step (E) for conducting a pulverization operation on the embrittled bone and powdering the same to obtain a bone powder.SELECTED

foods filter Search...

Tutorial

Brainstorming with percipio<BigData>

<https://percipio-big-data.com/>

How to Create Novel Ideas?

- Creation of ideas constitutes the basis of a variety of techniques and methods for the identification and invention of new products and technologies.
- This workshop explains the method of brainstorming and its improvement by big data analytics.

What is Brainstorming?

Brainstorming is a **creativity technique** by which a group of people meet to generate new ideas and solutions around a specific domain of interest.

- Define a goal to understand what the main purpose of brainstorming is, e.g. a problem to solve or the creation of innovative ideas.
- Spontaneous ideas from all members of the groups are ideas written exactly as presented and displayed where everyone can see them. A facilitator also makes sure that initial ideas are not criticized.
- Participants are motivated to build on other's ideas, expand them or create totally new ones.
- There is no structure in brainstorming, and no idea is considered wrong. All ideas are noted during the brainstorming sessions for subsequent evaluation and ranking.
- After a limited amount of time the ideas are evaluated and ranked according their contribution to the original goal.

How to Improve Brainstorming?

- One of the challenges in brainstorming is the collection of as many ideas as possible to provide a holistic solution to the problem at hand.
- In many cases the stream of ideas ceases after some time and creativity needs a boost.
How? → Try **percipio**<BigData> and explore novel ways of enhancing people's creativity.

Step 1 - Preparation

1. Define the goal of your brainstorming task, e.g. a problem to solve or the creation of innovative ideas for products and processes.
2. State this in the form of a clear question.
3. Define a couple of terms related to the question at hand (*see example 1*). This is best achieved by a quick glimpse at topic-related articles or web pages.
4. Initiate **percipio**<BigData> (<https://percipio-big-data.com>)

Example 1

- Definition of goal
You want to learn about methods to produce functional food as a sound basis for expanding your current business.
- Research question
“How can functional food be produced in novel ways?”
- Identification of related terms
E.g., extracted from Collins dictionary (<https://www.collinsdictionary.com/dictionary/english/functional-food>) and (<https://www.eufic.org/en/food-production/article/functional-foods>)
- Familiarize with the **percipio**<BigData> tool (<https://percipio-big-data.com>)
- Send keywords to **percipio**<BigData> (info@percipio-big-data.com)
E.g. FUNCTIONAL FOOD, NUTRITIONAL VALUE, NUTRACEUTICAL, HEALTH, DIET, DISEASE RISK

Step 2 - Realization

- Get familiar with **percipio**<BigData> homepage and your specific case (*see next slide*).
- Gather your brainstorming team and introduce brainstorm rules, research question and **percipio**<BigData> support.
- Dive into your brainstorming session for a dedicated time by using the **percipio**<BigData> word cloud (*see Brainstorming Procedure*).

This is your case, based on your keywords ...

The screenshot displays the Percipio Big Data dashboard for the keyword "foods". The interface is divided into several sections:

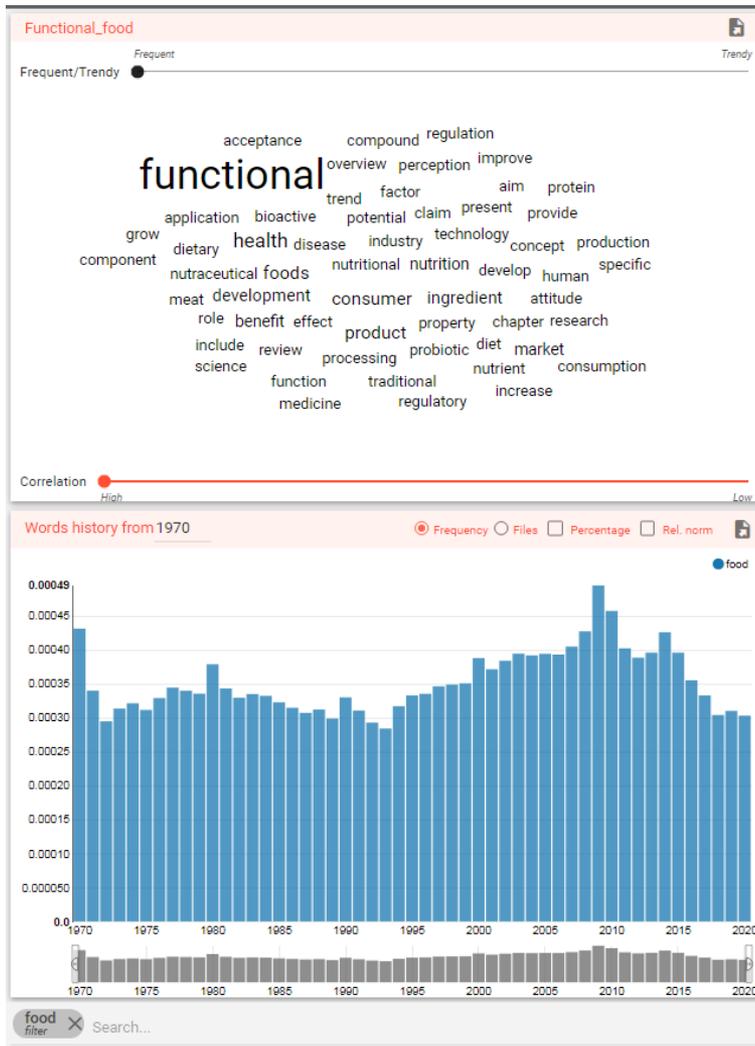
- Functional_food:** A word cloud showing related terms such as "protein", "health-promoting", "acceptance", "function", "meat", "consumption", "nutritional", "compound", "market", "property", "chapter", "role", "bioactive", "factor", "provide", "regulation", "current", "trend", "development", "health", "dietary", "nutrition", "probiotic", "research", "technology", "perception", "benefit", "processing", "consumer", "aim", "ingredient", "aspect", "human", "challenge", "application", "potential", "effect", "claim", "dairy", "product", "present", "nutraceutical", "focus", "develop", "disease", "diet", "regulatory", "industry", "science", "review", "nutraceuticals", "status", "include", "specific".
- Correlation:** A slider set to "High".
- Words history from 1970:** A bar chart showing the frequency of the word "foods" from 1970 to 2020. The y-axis ranges from 0.0 to 0.0000083. The chart shows a general upward trend in frequency over time.
- All documents:** A list of 6 documents related to the keyword. The first document is "PROCESSING METHOD OF FOODS, AND PROCESSING DEVICE OF FOODS FOR CONDUCTING ..." by WANG ER RUI, JP2020014459, 2020. The second is "ANTI-CAKING AND FLOW AGENTS FOR DRY POWDERED FOODS, FOOD INGREDIENTS, PHAR..." by MEYERS GREGORY J, AMOS SAMANTHA L, US20200246469, 2020. The third is "Foods for maintaining and improving renal functions and making method of foods" by MA CHENGUANG, CN110651996, 2020. The fourth is "Functional Foods Using Pig Non-Preferred Site and Manufacturing Method Thereof" by 최근석, 최범석, KR20200090030, 2020. The fifth is "IOT IOT Base Smart FRY Healing Foods Factory Franchis system" by LEE JIN WOO, LEE CHANG YOUL, KR20200048996, 2020. The sixth is "PAR-BAKED AND MILLED COFFEE BEANS FOR USE IN FOODS, BEVERAGES AND DIETARY SU..." by PERLMAN DANIEL, EP3692802, 2020. The seventh is "METHOD FOR PRODUCING FATS AND OILS COMPOSITION, AGENT FOR REDUCING OILINESS" by Total 26171 results.
- Geographic Data:** A world map showing the geographic distribution of documents. The map is color-coded by region, with blue indicating a higher density of documents. The map includes a search bar and a "Location only" checkbox.

percipio<BigData> initially presents the word cloud based on your keywords, a complete word history, a list of documents (in that case 26175), and geographic data.

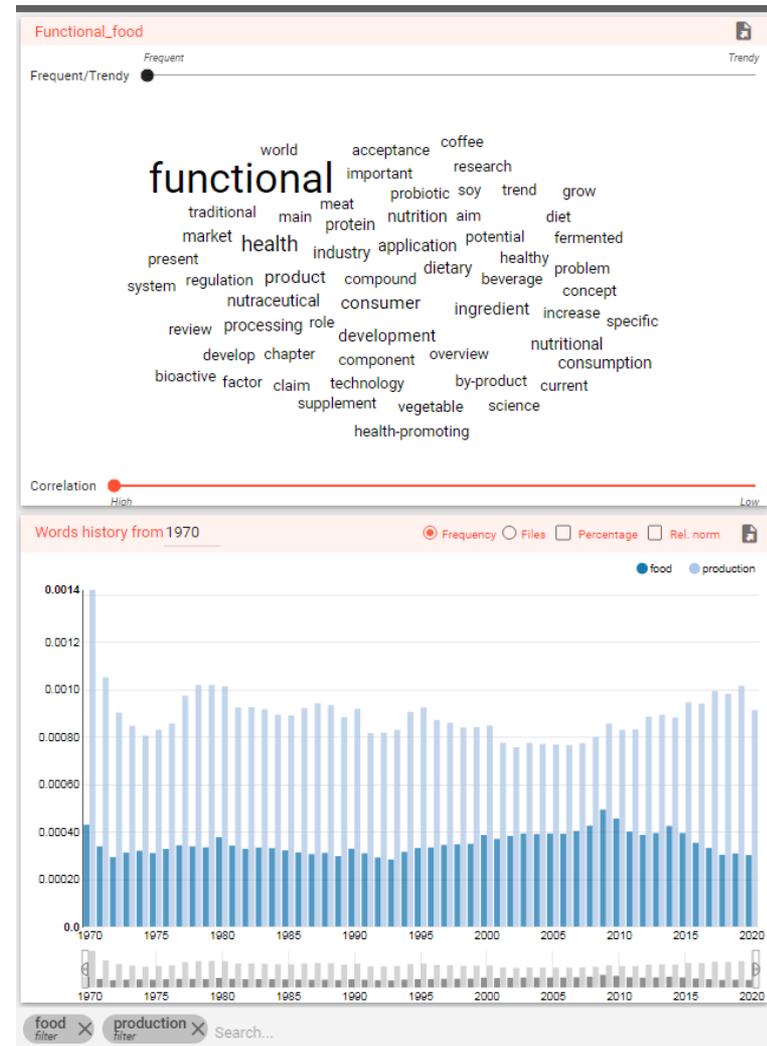
Brainstorming Procedure

- Use the words in the cloud as input for ideation.
- If the flow of ideas decreases, adjust the sliders “frequent/trendy” and/or “correlation” to create a new landscape of words. Alternatively, ask participants to select words from the cloud and add one of the words to the analysis by clicking on it. **percipio**<BigData> will present a new cloud based on your input.
- Repeat this by adding new words as long as necessary (*see examples 2 and 3*). For inspiration, make also use of the word history and the abstracts from displayed patents and articles.

Example 3: Add New Words



Term "food"



Terms "food" & "production"

Step 3: Finalization

- Having created a satisfactory number of ideas, stop the session and have a look at your results.
- Discuss the items on your list and dig into abstracts of specific patents and/or scientific papers by using **percipio**<BigData>. Try to prioritize the results according their contribution to answering the research question.
- An in-depth analysis by scrutinizing whole patents and research papers, geographical analysis or further narrowing down of results may be conducted by utilizing a variety of **percipio**<BigData> functionalities.
- **percipio**<BigData> specialists are glad to support you any time (info@percipio-big-data.com)

Example 4: Results

“functional food” & “product” & “production”

[FOOD PRODUCT PROCESSING DEVICE AND FOOD PRODUCT PRODUCTION METHOD](#)

TAKAHASHI TAKAYUKI - WO2020129221, 2020

[Problem] To provide: a food product processing device for quickly making cuts having a desired shape (e.g., marks) on the surfaces of cylindrical food products at a mass production scale; and a food product production method. [Solution] The food product

[METHOD FOR THE PRODUCTION OF PROTEIN ANF FIBER RICH AIRY FOOD PRODUCT](#)

OSMANOGLU ERAL, FRANKEN WOUTER MATTHIJS - AU2018290182, 2020

The invention relates to a baked food product comprising a protein, a dietary fiber, water, a stabilizer, and optionally a digestible carbohydrate, wherein the baked food product comprises at least 30 wt% of the protein based on a dry matter weight, wherein

[Hybrid Artificial Intelligence System for the Design of Highly-Automated Production Systems](#)

Simon Hagemann, Atakan Sünnetcioglu, Rainer Stark - 2019

The automated design of production systems is a young field of research which has not been widely explored by industry nor research in recent decades. Currently, the effort spent in production system design is increasing significantly in industry

[Novel process for the coproduction of xylo-oligosaccharide and glucose from reed scraps of reed pulp mill](#)

Meixia Chen, Jie Lu, Yi Cheng, Qiang Li, Haisong Wang - 2019

Current utilization of reed scraps (RS) from reed pulping mills is just burning and burying, remaining the unused RS a major industry waste. The aim of this study was to valorize RS by utilizing it as feedstock for xylo-oligosaccharide (XOS)

[DAIRY PRODUCTS, KETOGENIC PRODUCTS, AND PRODUCTION METHODS](#)

RANKIN BROOKS - WO2020051527, 2020

Described herein are methods of making a gas-containing food product. Described herein are methods of making a dairy product over multiple seasons when the supply of fresh milk varies 40% over the course of the seasons. Producing the dairy product

.....and many more

Recommended Links

- **Accomplish Learning 40 Brainstorming Methods To Propel Your Business**
<https://www.techtravelhub.com/brainstorming-methods/>
- **Brainstorming, Brainstorming Rules and Decision Making**
<https://onlinelibrary.wiley.com/doi/abs/10.1002/j.2162-6057.2009.tb01304.x>
- **Percipio Instruction Manual**
https://percipio-big-data.com/files/percipio_user_manual.pdf
- **Percipio Cases**
https://percipio-big-data.com/files/percipio_sign_up_and_choose_plan.pdf

That's by far not all

Based on your private **percipio**<BigData> database you may expand your research by further built-in functionalities.

- Evaluation of technology maturity
- Identification and location of experts in technologies of interest
- Performing dynamic searches based on pre-defined technologies
- Exploring of “unknown unknowns” by using the “frequency versus correlation” algorithm
- A “news button” provides you with the latest news about and around your technology of interest
- Classic search of patents and scientific articles
- and many more

