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   Titolo   Sustainable Functional Food Processing

   Pubbl/distr/stampa MDPI - Multidisciplinary Digital Publishing Institute, 2022

   ISBN   3-0365-5302-9

   Descrizione fisica 1 electronic resource (454 p.)

   Soggetti   Research & information: general
                      Biology, life sciences
                      Technology, engineering, agriculture

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Sommario/riassunto Functional nutrition is deeply connected with healthy lifestyle and sustainable food production, due to its positive health benefits and the use of economically underexplored and natural raw materials. Expectedly, it appeals to large number of interested consumers while becoming lucrative segment of the food industry with a fast-growing market fueled by new sociodemographic trends. Accordingly, functional juices and beverages made of indigenous fruits are interesting niche for various food market stakeholders. Here, biologically active compounds (BACs) and probiotics that have positive health effects in functional foods (juices) are mostly thermolabile. This is especially important for industry that still employs classical heat treatments (e.g., pasteurization), while being concerned with degradation of food quality in the final products. To prevent this, focus is on designing economic and ecological technologies that are able to preserve nutritional and sensory quality while maintaining microbiological stability in products. Such approaches are based on low-energy consumption and low-impact processing, e.g. "hurdle technology" that combines advanced and conventional methods (e.g., high-power ultrasound, pulse electric field). Food design is another important focus point for consumers' sensory appeal and economic success of foods. Hence, technologies as 3D food printing can be particularly useful for manufacturing. Based on

the above, presented topics are relevant to sustainable functional food production, functional fruit juices, BACs, "hurdle technology," advanced food processing, 3D food printing, and authentic fruits.

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| Record Nr. | UNINA9911020010403321 |
| Autore | Clark Alexander (Alexander Simon) |
| Titolo | Linguistic nativism and the poverty of the stimulus / / Alex Clark and Shalom Lappin |
| Pubbl/distr/stampa | Malden, MA, : Wiley-Blackwell, 2010 |
| ISBN | 1-283-51427-3 |
| | 9786613826725 |
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| Descrizione fisica | 1 online resource (262 p.) |
| Altri autori (Persone) | LappinShalom |
| Disciplina | 401.93 |
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| Soggetti | Language acquisition |
| | Native language |
| | Computational linguistics |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Linguistic Nativism and the Poverty of the Stimulus; Contents; Preface; 1 Introduction: Nativism in Linguistic Theory; 2 Clarifying the Argument from the Poverty of the Stimulus; 3 The Stimulus: Determining the Nature of Primary Linguistic Data; 4 Learning in the Limit: The Gold Paradigm; 5 Probabilistic Learning Theory for Language Acquisition; 6 A Formal Model of Indirect Negative Evidence; 7 Computational Complexity and Efficient Learning; 8 Positive Results in Efficient Learning; 9 Grammar Induction through Implemented Machine Learning 10 Parameters in Linguistic Theory and Probabilistic Language Models11 A Brief Look at Some Biological and Psychological Evidence; 12 Conclusion; References; Author Index; Subject Index |
| Sommario/riassunto | This unique contribution to the ongoing discussion of language |

acquisition considers the Argument from the Poverty of the Stimulus in language learning in the context of the wider debate over cognitive, computational, and linguistic issues. Critically examines the Argument from the Poverty of the Stimulus - the theory that the linguistic input which children receive is insufficient to explain the rich and rapid development of their knowledge of their first language(s) through general learning mechanismsFocuses on formal learnability properties of the class of natural languages, con