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Titolo	Legumes Research . Volume 2 // Jose C. Jimenez-Lopez, Alfonso Clemente
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ISBN	1-80356-915-8
Descrizione fisica	1 online resource (372 pages)
Disciplina	633.304233
Soggetti	Legumes - Biotechnology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Legumes, Sustainable Alternative Protein Sources for Aquafeeds -- 2. Pulses: A Potential Source of Valuable Protein for Human Diet -- 3. Bioactive Peptides from Legumes and Their Bioavailability -- 4. Nutraceutical Properties of Legume Seeds: Phytochemical Compounds -- 5. Phenolic Compounds in Legumes: Composition, Processing and Gut Health -- 6. Assessment of Secondary Metabolites with Different Uses of Fenugreek -- 7. Present and Future Perspective of Soybean Cultivation -- 8. Soybean Seed Compounds as Natural Health Protectors -- 9. Soybean and Other Legume Proteins Exhibit Beneficial Physiological Effects on Metabolic Syndrome and Inflammatory-Related Disorders -- 10. Unlocking Pharmacological and Therapeutic Potential of Hyacinth Bean (<i>Lablab purpureus</i> L.): Role of OMICS Based Biology, Biotic and Abiotic Elicitors -- 11. <i>Vigna unguiculata</i> (L.) Walp: A Strategic Crop for Nutritional Security, Well Being and Environmental Protection -- 12. Health Risks Associated with the Consumption of Legumes Contaminated with Pesticides and Heavy Metals -- 13. Fermentation as Strategy for Improving Nutritional, Functional, Technological, and Sensory Properties of Legumes -- 14. Enzymatic Processing of Pigeon Pea Seed Increased Their Techno-Functional Properties -- 15. Function of Urease in Plants with Reference to Legumes: A Review -- 16. Legume Protein: Properties and Extraction for Food Applications -- 17. A Review on the Cooking Attributes of African Yam Bean (<i>Sphenostylis stenocarpa</i>).
Sommario/riassunto	Legumes have nutraceutical qualities that impart beneficial effects on

human health. They are an alternative protein source with great potential for use in producing novel foods with improved nutritional properties. This book presents a comprehensive overview of legume proteins, including information on their nutritional and nutraceutical profiles, the health benefits of their compounds, and their underlying bioactivities such as anti-diabetic, hepatoprotective, anti-inflammatory, antioxidant, and anti-cancer properties.

2. Record Nr.	UNINA9910999674703321
Titolo	Innovations and Interdisciplinary Solutions for Underserved Areas : 7th International Conference, InterSol 2024, Dakar, Senegal, July 3–4, 2024, Proceedings // edited by Kebe Cheikh M. F. Kebe, Assane Gueye, Ababacar Ndiaye, Ndèye Awa Sene, Amadou-Seidou Maiga
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-86493-X
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (XIII, 374 p. 157 illus., 132 illus. in color.)
Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 610
Disciplina	004.2
Soggetti	Computer systems Computer networks Computers, Special purpose Software engineering Operating systems (Computers) Computer System Implementation Computer Communication Networks Special Purpose and Application-Based Systems Software Engineering Operating Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Energy and Environment. -- Study of the impact of solar pumping solutions on agricultural production in Senegal: the case of small farms

in the Niayes area (Thiès region). -- Public Participation in Municipal Solid Waste Management: A Mobile Persuasive App. -- A Risk-based Pedestrian Crossing Decision Model for Traffic Simulation in African Urban Traffic. -- Modelling and optimization of the electrical parameters of an InxGa1-xN solar cell under dynamic frequency illumination. -- Assessment of pavement damage caused by speed bumps along Nyanya - Jikwoyi road Abuja. -- Analyzing water's characteristics health impact with classification algorithms. -- Information Technology. -- A Optimizing coverage in a Wireless Sensor Network by selecting the best sensors. -- Towards a Single-Sign-On authentication architecture based on OpenID Connect protocol and blockchain technology. -- An experimental 5G Standalone testbed for rural connectivity. -- An application of the Hough transform with convolutional neural networks to detect straight lines. -- A Slotted Random Access algorithm for efficient transmission in White area: case of artisanal fishing in West Africa. -- A New Delay History Predictor for Multi-skill Call Center. -- Retrieving Data from Social Network Platforms: A State-of-art Review. -- Strabismus Diagnosis and Angular Deviation Calculation Based on Artificial Intelligence Approaches: A Review. -- Towards the implementation of a dynamic IDS for IoT: Anomaly detection in MQTT traffic. -- ICT Enabler. -- Straight-Line Recognition in a Virtual Hexagonal Grid using Hough Transform. -- Predicting aflatoxin contamination rates in the white maize value chain. -- The Impact of Agents Heterogeneous in Call Center Performance Measures. -- Towards a mobile, intelligent, personalized and adaptive e learning system considering learners' context in seminomadic and conflict zones. -- Comparative study of machine learning models for the detection of abusive messages: case of Wolof-French codes mixing data. -- Towards an ontology-based platform for integrating infectious disease simulation models. -- AI-Based control approach of .SN Reserved Domain Names (aIDN.SN). -- Efficient combination of Deep Learning models for skin disease detection. -- Agricultural and land management using AI: a case study of rice plot identification in Senegal. -- Beqi: Revitalize the Senegalese Wolof Language with a Robust Spelling Corrector. -- Important Predictors for Covid-19 Vaccine Hesitation. . -- Ensemble machine learning methods to predict oil production. -- AI-powered Corn Disease classification using Deep Transfer Learning.

Sommario/riassunto

This book constitutes the refereed post-conference proceedings of the 7th EAI International Conference on Innovations and Interdisciplinary Solutions for Underserved Areas, InterSol 2024, held in Dakar, Senegal, during July 3–4, 2024. The 29 full papers included in this book were carefully reviewed and selected from 134 submissions. They are classified under the following headings: Energy, Computing, Electronics, Social Sciences, Telecoms, Networks, Health, and Water.
