1. Record Nr. UNINA9910674038703321

Autore	Gwiazdowska Daniela
Titolo	Antimicrobial Substances in Plants: Discovery of New Compounds, Properties, Food and Agriculture Applications, and Sustainable Recovery
Pubbl/distr/stampa	Basel, 2022
Descrizione fisica	1 online resource (128 p.)
Soggetti	Biotechnology Technology: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Microbial contamination of agriculture and food commodities may cause significant losses, with economic, social and environmental consequences. Therefore, the search for new, promising substances that demonstrate antagonism towards different microorganisms has been observed in recent years. Different plants, as well as differentiated methods of obtaining of biological compounds, are the research subject. Moreover, current trends focus on the sustainable recovery of antimicrobial substances from waste materials. The contributed articles present original research with a focus on: The biological activity of plant-derived extracts and oils: the research is concentrated on the discovery of new sufficient antimicrobial substances, characterized by broad biological properties including antibacterial, antifungal, antimycotoxigenic and cytotoxic activity. Novel extraction techniques to obtain plant-derived extracts such as supercritical fluid extraction (SFE), which has gained acceptance for the extraction of valuable substances due to its environmentally friendly character, or ultrasound-assisted extraction (UAE). The extraction techniques of the plant-derived bioactive compounds have a significant impact on the quality of the extracts and their chemical composition

2. Record Nr. UNINA9910983053703321

Autore	Harris Don
Titolo	HCI International 2024 – Late Breaking Papers : 26th International Conference on Human-Computer Interaction, HCII 2024, Washington, DC, USA, June 29 – July 4, 2024, Proceedings, Part VIII / / edited by Don Harris, Wen-Chin Li, Heidi Krömker
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-76824-8
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (364 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 15381
Altri autori (Persone)	LiWen-Chin KromkerHeidi
Disciplina	005.437 004.019
Soggetti	User interfaces (Computer systems) Human-computer interaction User Interfaces and Human Computer Interaction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	HCI in Automated Vehicles and Automotive: What Humans Should Be Thinking While Driving: Method for Integration of Driver Cognitive Load Information with Map Data -- The Role of UI/UX Designs for Enhancing Safety and Motorcycle Riders' Experience -- Challenges and Opportunities of Automotive HMI -- The History of Automotive Human-Machine Interaction: Seven Directions of Evolution -- How Do Different HMIs of Autonomous Driving Monitoring Systems Influence the Perceived Safety of Robotaxis Passengers? A Field Study -- Better Together: Anthropomorphic Assistant Avatars and Empathetic Voice Interventions for Emotion Regulation -- Unlock your Trust: Experiencing a Biophilic Autonomous Driving Through Gamification -- An Interactive Game for Improved Driving Behaviour Experience and Decision Support -- Analyzing Usage Behavior and Preferences of Drivers Regarding Shared Automated Vehicles: Insights from an Online Survey -- Research on Slow-Moving Transportation Scenarios in Large Suburban Campuses from the Perspective of Autonomous Vehicle-based Mobility Service Design -- Exploring the Perceived Cognitive

Workload: The Impact of Various Scenarios and Emotions on a Driving Simulator -- Design of Automotive Interior and Human-computer Interaction for Time-sharing Rental: A Chinese Study -- A Unified Framework for Hierarchical Pedestrian Behavior Generation in Urban Scenario. HCI in Aviation, Transport and Safety: RPAS over the Blue: Investigating Key Human Factors in Successful UAV Operations -- Piloting Continuous Neurophysiological Monitoring for Adapted Training of Public Safety Officers -- A Pilot Approach and Landing Workload Assessment Method for Flight Crew Workload Airworthiness Certification -- Wing of Wisdom: Learning from Pilot Decision Data with Interpretable AI Models -- Enhancing Safety in Business and General Aviation with Real-Time Aircraft Telemetry -- Which Train Should Be Stopped First? The Impact of Working Memory Capacity and Relative Risk Level on Priority Judgment of High-Speed Railway Dispatchers During Emergency -- Field Trials of an AI-AR-based System for Remote Bridge Inspection by Drone -- Proactive Workload Estimation for Pilots -- CRM for Providing Distress Assistance with Real-Time Aircraft Telemetry – DART -- The Devil Between the Details: Limitations of Probability-Based Approaches to Human Error -- Detection of Arousal of Pilots in Event-related Heart Rate Responses -- “Emerging Technologies in Aviation Competency-Based Training and Assessment Framework: The Simulated Air Traffic Control Environment (SATCE) Influence in Communications Competency”.

Sommario/riassunto

This nine-volume set LNCS 15473-15482 constitutes the proceedings of the 26th International Conference, HCI International 2023, in Washington, DC, USA, in June/July 2024. For the HCCII 2024 proceedings, a total of 1271 papers and 309 posters was carefully reviewed and selected from 5108 submissions. Additionally, 222 papers and 104 posters are included in the volumes of the proceedings published after the conference, as “Late Breaking Work”. These papers were organized in the following topical sections: HCI Theories, Methods and Tools; Multimodal Interaction; Interacting with Chatbots and Generative AI; Interacting in Social Media; Fintech, Consumer Behavior and the Business Environment; Design for Health and Wellbeing; Ergonomics and Digital Human Modelling; Virtual Experiences in XR and the Metaverse; Playing Experiences; Design for Learning; New Cultural and Tourism Experiences; Accessibility and Design for All; Design for Older Adults; User Experience Design and Evaluation: Novel Approaches and Case Studies; Safety, Security and Privacy; HCI in Automated Vehicles and Automotive; HCI in Aviation, Transport and Safety; Human-Centered AI; AI for Decision Making and Sentiment Analysis.