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Nota di contenuto	<p>Chapter 1. Aircraft noise monitoring for greening the airports -- Chapter 2. Ranking of Indian Airlines. -- Chapter 3. A Brief Assessment of Aircraft Fuel Consumption and Pollutant Emissions for Departure Operations. -- Chapter 4. Shear Thickening Fluid Based Triboelectric Nanogenerators. -- Chapter 5. A Short Review of Aircraft Noise Effects on Children's Learning in Auditory, Non-auditory, and Cognitive Development. -- Chapter 6. Gaining of Conductivity in Shear Thickening Fluids. -- Chapter 7. High Impact Resistance with Aerogel-Based Composites. -- Chapter 8. Theoretical Performance Analysis of High Entropy Alloys in Hybrid Rocket Motors. -- Chapter 9. Selection of Sustainable Aviation Fuels: An Expert-Based Comparative Approach. -- Chapter 10. Optimization of Vortex Generators for a Subsonic Aircraft Wing using Taguchi Method. -- Chapter 11. Airline Technological Services and Airline Passengers' Purchase Intention: An investigation. -- Chapter 12. The Effect of Air-blast Injector Design on Swirl Number and Spray. -- Chapter 13. Properties and Specifications of Sustainable Aviation Fuels and Conventional Aviation Fuels -- Chapter 14. Energy Minimization in CO₂ Capture in a Natural Gas Power Plant. -- Chapter 15. Air Traffic Management Principles: A Case Study on How to Create a Sustainable System. -- Chapter 16. The Impact of COVID-19 on Air Cargo Transportation in Turkey. -- Chapter 17. Progress on PEM Fuel Cell Powered Unmanned Aerial Vehicle Research. -- Chapter 18. The Importance of Exergy for Sustainability Aviation. -- Chapter 19. Operation of New Generation Aircraft in the Emergency Response Service. -- Chapter 20. The Impact of SAF on Reducing NO_x, SO₂, and non-CO₂ Emissions. -- Chapter 21. Evaluation of an UAS Based Service Business Model for Road Surface Monitoring.</p>
Sommario/riassunto	<p>Sustainable aviation is a long-term strategy to provide innovative solutions to the aviation industry's challenges. The International Symposium on Sustainable Aviation (ISSA) is a multi-disciplinary symposium that presents research on sustainability-based issues and future trends in aviation from an economic, social, and environmental perspective. The conference provides a platform offering insights on a broad range of current topics in aviation, such as improving aircraft fuel efficiency, fostering the use of biofuels, minimizing environmental impact, mitigating GHG emissions, and reducing engine and airframe noise. ISAS allows researchers, scientists, engineers, practitioners, policymakers, and students to exchange information, present new technologies and developments, and discuss future direction, strategies, and priorities in aviation and sustainability. Discusses future strategies and priorities in the field of aviation sustainability; Addresses a broad range of aviation topics with an emphasis on environmental issues; Provides access to the complete ISSA 2023 proceedings.</p>