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Nota di contenuto	Rapid Influenza Diagnostic Tests Improve Suitability of Antiviral Treatment in Hospitalized Children, A. Nitsch-Osuch, E. Kuchar, I. Gobiak, K. Kanecki, P. Tarka, L. Brydak -- Co-infection with Influenza Viruses and Influenza-Like Virus during the 2015/2016 Epidemic Season, K. Szymaski, K. Cielak, D. Kowalczyk, L.B. Brydak -- Influenza and Influenza-Like Viruses in Children in the Epidemic Season 2015/2016 in Poland, K. Cielak, K. Szymaski, D. Kowalczyk, L.B. Brydak -- Influenza Vaccination Coverage among Polish Patients with Chronic Diseases, A. Nitsch-Osuch, I. Gobiak, D. Wyszowska, R. Rosiska, L. Kargul, B. Szuba, P. Tyszko, L. Brydak -- Circulation of Antibodies against Influenza Virus Hemagglutinins in the 2014/2015 Epidemic Season in Poland, D. Kowalczyk, K. Szymaski, K. Cielak, L.B. Brydak -- Influence of Socioeconomic and Anthropometric Factors on Respiratory Function in Female University Students, D. Nowakowski, K. Kli, M. urawiecka, A. Dubrowski, I. Wronka -- Relationships between quality of life in the psychological domain, acceptance of illness, and healthcare services in patients with asthma, B. Mroczek, K. Parzuchowska, M. Jasiska-Starczewska, T. Grodzki, D. Kurpas -- The Relationship Between Burnout Syndrome among the Medical Staff and Work Conditions in the Polish Healthcare System, A. Glebocka -- Association of Estrogen-Related Traits with Allergic Rhinitis, K. Kli, I.

Wronka -- Alpha Wavelet Power as a Biomarker of Antidepressant Treatment Response in Bipolar Depression, W. Jernajczyk, P. Gosek, M. Latka, K. Kozłowska, . wicki, B.J. West -- Index.

Sommario/riassunto

Respiratory infections constitute a major public health concern. The goal of this book is to share knowledge on the best advances in influenza and influenza-like viral infections, and new molecular-based diagnostic methods that discern the antigenic shift enabling viruses to constantly evolve and elude the host immune response. Co-infections, co-morbidities, persistently meager anti-flu vaccination coverage, and infection complications are dealt with. The chapters also further insight into such topics as the effects of sex hormones, and socioeconomic and anthropometric measures on respiratory and immune functions underlying the severity of asthma and respiratory allergy. Psychological functioning in respiratory disorders, taking into account quality of life, illness acceptance, and depressive symptoms is also reviewed as it is all too often underestimated by healthcare providers. The book is intended for clinicians, researchers, students, and all other actors in health-related issues.

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Autore

Shukla Anoop Kumar

Titolo

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Collana

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Disciplina

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Soggetti

Production engineering
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Process Engineering
Materials Engineering
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Nota di contenuto	<p>Solar Distillation using Quantum Dot Glass Evaporator -- Absorption Cooling System Powered by a Low Concentration Collector: A Case Study -- Investigation of Carbon Nanotubes and Titanium Dioxide Doped Biodiesel on the Performance and Emission Characteristics of 4-Stroke Diesel Engine -- Hip Prosthesis: Material, Wear and Loading Considerations for Long Life Sustainability -- Investigation of Digitization Practices in Indian Auto Component SMEs -- Design and FEM Analysis of Porous Scaffold for Artificial Knee Joint Implant -- Integration of Face Biometric and Steganography Technique for Individual Authorization -- UV Irradiation based Potable Water Disinfection System using Solar Power -- Modelling and Structural Analysis of 3D printed Auxetic structure -- Fabrication and Analysis of a Hybrid Solar and Wind Powered Electric Vehicle Charging Station -- Performance Analysis of Heat Exchanger Using Nanofluid -- Bibliometric Analysis of Global Research Trend on Construction and Demolition Waste in Past Two Decade.</p>
Sommario/riassunto	<p>This volume comprises the select proceedings of the 3rd Biennial International Conference on Future Learning Aspects of Mechanical Engineering (FLAME) 2022. It aims to provide a comprehensive and broad-spectrum picture of the state-of-the-art research and development in thermal, fluids, energy and process engineering, mechatronics, control and robotics, material science and engineering, solid mechanics and structural engineering, dynamics and control, engineering design, manufacturing and industrial engineering, automobile engineering. This volume will prove a valuable resource for researchers and professionals in mechanical engineering and allied fields.</p>