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Altri autori (Persone)	PeretzDaniel H
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Aerosols: Chemistry, Environmental Impact and Health Effects -- Contents -- Preface -- Research and Review Studies -- Photochemical Synthesis of Aerosol Particles -- Abstract -- Introduction -- Environmental -- Results and Discussion -- Conclusion -- References -- Influence of Atmospheric Conditions on Aerosol Inhalation during a Forest Fire in Spain -- Abstract -- 1. Introduction -- 2. Study Zone -- 3. Methodology -- 4. Meteorological Analysis -- 5. Analysis of Results -- 6. Health Impact -- 7. Conclusion -- Acknowledgments -- References -- Nanofibre Filters in Aerosol Filtration -- Abstract -- Introduction -- Electrospinning of Nanofibres -- Properties of Electrospun Fibres -- Electrospun Fibres in Aerosol Filtration -- Conclusion -- References -- Kinetics and Mechanism of So2 Oxidation by O3 on the Surface of Aluminum Oxide Particles -- Abstract -- Introduction -- Experimental -- Results and Discussions -- Conclusion -- Acknowledgements -- References -- Characterization of Indoor and Outdoor Bioaerosols in Urban, Industrial and Rural Sites Using Conventional and DNA (Fingerprint) Based Methods -- Abstract -- 1. Introduction -- 2. Materials and Methods -- 3. Results and Discussion -- 4. Conclusion -- Acknowledgements -- References -- Urban Aerosol Observations and Comparisons of Daytime and Nighttime Characteristics -- Abstract -- Introduction -- Sun Photometer and Stellar Extinction Observations -- Meteorological Connections -- Model Comparisons -- Daytime Short-Wave Radiation

Simulations -- Nighttime Long-Wave Radiation Simulations --  
Conclusions -- Acknowledgements -- References -- Neural Network  
Model for Forecasting Atmospheric Particulate Levels -- Abstract --  
Introduction -- Data and Methods -- Results -- Conclusions --  
Acknowledgements -- References.

Interaction of Solar Radiation with Non-Spherical Inhomogeneous  
Aerosol Particles -- Abstract -- 1. Introduction -- 2. Interaction of  
Electromagnetic Radiation with Aerosol Particles -- 3. Optical  
Measurements in the Earth's Atmosphere -- 4. Inverse Problems of the  
Atmospheric Optics -- 5. Concluding Remarks -- Acknowledgement --  
References -- Short Communications -- Real Time Monitoring of  
Indoor Aerosols -- Abstract -- Introduction -- Methods -- Results and  
Discussion -- Conclusions -- References -- Evaluation of Saharan Dust  
Events for a Correct Estimation of Air Quality -- Summary --  
References -- Some Aerosol Distributions Induced by the Artificial  
Gravity in Plasma Polymerization System -- Mathematical Model --  
Basic Distributions -- Artificial Gravity -- Experimental Scheme --  
Conclusion -- Acknowledgement -- References -- Index.

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