Record Nr. UNINA9910453896103321 Ultrafine particles in the atmosphere [[electronic resource] /] / editors, **Titolo** L.M. Brown ... [et al.] Pubbl/distr/stampa London, : Imperial College Press, 2003, c2000 **ISBN** 1-281-86585-0 9786611865856 1-84816-122-0 Descrizione fisica 1 online resource (320 p.) Altri autori (Persone) BrownL. M <1936-> (Lawrence Michael) Disciplina 530.413 Nanoparticles - Health aspects Soggetti Atmospheric chemistry Aerosols - Health aspects Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Papers based on lectures at a multidisciplinary discussion held by the Note generali Royal Society, March 2000. Originally published: London: Royal Society, 2000. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto CONTENTS : Preface ; Chapter 1 Measurements of Number Mass and Size Distribution of Particles in the Atmosphere ; 1. Introduction ; 2. Size Distribution of Particles in the Atmosphere ; 3. Sources of **Ultrafine Particles** ; 4. Measurement Methods for Particulate Matter 5. Examples of Measurements of Atmospheric Ultrafine Particles 6. Relationship of Particle Mass and Number within the Atmosphere : Chapter 2 The Chemical Composition of Atmospheric Ultrafine **Particles** : 1. Introduction ; 2. Atmospheric Ultrafine Particle Chemical Composition 3. Emissions of Ultrafine Particles to the Southern California Atmosphere 4. Conclusions : Chapter 3 Overview of Methods for Analysing Single Ultrafine Particles

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