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| 1. Record Nr.           | UNIBAS000009123   |
| Autore                  | Corey, E. J.  |
| Titolo                  | The logic of chemical synthesis / E. J. Corey and Xue-Min Cheng |
| Pubbl/distr/stampa      | <<John>> Wiley<br>New York... [etc.], 1989                      |
| ISBN                    | 0-471-50979-5   |
| Descrizione fisica      | 436 p. ; 26 cm.   |
| Altri autori (Persone)  | Cheng, Xue-Min  |
| Disciplina              | 547.2   |
| Soggetti                | Chimica organica - Sintesi                                      |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
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| 2. Record Nr.           | UNINA9910583066503321  |
| Autore                  | Thomas Dominique (Engineer)  |
| Titolo                  | Aerosol filtration / / Dominique Thomas [and three others]                           |
| Pubbl/distr/stampa      | London, England ; ; Oxford, England : , : iSTE Press : , : Elsevier, , 2017<br>©2017 |
| ISBN                    | 0-08-102116-X  |
| Descrizione fisica      | 1 online resource (228 pages) : illustrations  |
| Disciplina              | 660.284245   |
| Soggetti                | Filters and filtration<br>Aerosols   |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Nota di bibliografia    | Includes bibliographical references at the end of each chapters and index.           |
| Nota di contenuto       | 1. An Introduction to Aerosols; 1.1. Characteristics of a gaseous                    |

medium; 1.2. Inertial parameters; 1.3. Diffusional parameter; 1.4. Equivalent diameter; 1.5. Nanostructured particles; 1.6. Bibliography; 2 Fibrous Media; 2.1. Introduction; 2.2. Manufacturing processes for non-woven media; 2.3. Developing "high-performing" fibers; 2.4. Characterization of fibrous media; 2.5. From web to filter; 2.6. Bibliography; 3 Initial Pressure Drop for Fibrous Media; 3.1. Pressure drop across a flat media; 3.2. Pressure drop for pleated fibrous media3. 3. Bibliography; 4 Initial Pressure Efficiency of a Fibrous Media; 4.1. Introduction; 4.2. Estimating efficiency; 4.3. Single fiber efficiency; 4.4. Overall filter efficiency; 4.5. Conclusion; 4.6. Bibliography; 5 Filtration of Solid Aerosols; 5.1. Overview; 5.2. Depth filtration; 5.3. Transition zone between depth filtration and surface filtration; 5.4. Surface filtration; 5.5. Reduction in filtration area; 5.6. Full models; 5.7. Influence of humidity in the air; 5.8. Bibliography; 6 Filtration of Liquid Aerosols; 6.1. Overview; 6.2. Clogging by liquid aerosols6.3. Clogging models; 6.4. Binary mixture of liquid and solid aerosols; 6.5. Conclusion.

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