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| 1. Record Nr.           | UNINA9910251434503321  |
| Autore                  | Zaki Ahmad   |
| Titolo                  | Physico-chemical wastewater treatment and resource recovery //<br>edited by Robina Farooq, Zaki Ahmad  |
| Pubbl/distr/stampa      | IntechOpen, 2017<br>Rijeka, Croatia : , : IntechOpen, , [2017]<br>©2017  |
| ISBN                    | 953-51-4854-0<br>953-51-3130-3   |
| Edizione                | [1st ed.]  |
| Descrizione fisica      | 1 online resource (278 pages)  |
| Disciplina              | 628.3068   |
| Soggetti                | Sewage disposal plants - Management  |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Sommario/riassunto      | The book on Physico-Chemical Treatment of Wastewater and Resource Recovery provides an efficient and low-cost solution for remediation of wastewater. This book focuses on physico-chemical treatment via advanced oxidation process, adsorption, its management and recovery of valuable chemicals. It discusses treatment and recovery process for the range of pollutants including BTX, PCB, PCDDs, proteins, phenols, antibiotics, complex organic compounds and metals. The occurrence of persistent pollutants poses deleterious effects on human and environmental health. Simple solutions for recovery of valuable chemicals and water during physico-chemical treatment of wastewater are discussed extensively. This book provides necessary knowledge and experimental studies on emerging physico-chemical processes for reducing water pollution and resource recovery. |