

| | |
|-------------------------|--|
| 1. Record Nr. | UNINA9910346947903321 |
| Autore | Valadez Sánchez Elvia Patricia |
| Titolo | Thin film MOFs (SURMOFs) for application in gas separation |
| Pubbl/distr/stampa | KIT Scientific Publishing, 2019 |
| ISBN | 1000088874 |
| Descrizione fisica | 1 electronic resource (XIV, 153 p. p.) |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Sommario/riassunto | In this work, the deposition of ZIF-8 surface-anchored metal-organic framework (SURMOF) films was systematically studied. A proper characterization and optimization of the synthesized films was performed and their separation performance was determined. Furthermore, a general description of the system was achieved using the Maxwell-Stefan surface diffusion model. |