



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Structure-property relationships in porous crystalline materials for gas storage

2122-79R-M10

Titolo

Structure-property relationships in porous crystalline materials for gas storage

Docente(i)

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Lingua

English

Breve descrizione

1. Introduction to porosity
2. Porous molecular materials

3. Porous metal-organic frameworks
4. Applications of porous materials
5. Measuring gas sorption isotherms
6. Adsorption calorimetry
7. Crystallography under gas pressure - apparatus
8. Crystallography under gas pressure - interpretation of structures

CFU / Ore

2 CFU / 16 hours

Periodo di erogazione
