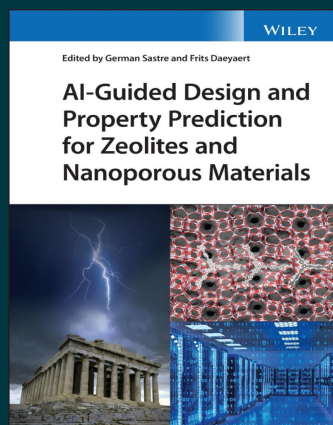




eBook - AI-Guided Design and Property Prediction for Zeolites and Nanoporous Materials

By German Sastre, Frits Daeyaert

eBook

9789373324258

₹- Price

Pages: 464

Description

AI-Guided Design and Property Prediction for Zeolites and Nanoporous Materials presents a comprehensive compilation of recent advances in AI, computational and synthetic chemistry applied to nanoporous materials. It covers synthesis strategies, database construction, computational methods, and AI algorithms for discovering new zeolites and frameworks, targeting researchers and industry professionals in materials chemistry.

About the Author

German Sastre, Frits Daeyaert

German Sastre is a member of the Structure Commission of the International Zeolite Association, focusing on solid state computational chemistry applied to nanoporous materials.

Table of Contents

1. Introduction to AI-Guided Design for Nanoporous Materials
2. Strategies for Synthesizing Nanoporous Materials
3. Construction of Materials Databases
4. Computational Methods for Material Generation
5. AI and Machine Learning Algorithms for Material Discovery
6. Applications of AI in Materials Chemistry
7. Case Studies and Recent Developments in Zeolites and Nanoporous Materials
8. Future Directions in AI-guided Zeolite and Nanoporous Materials Research

To purchase this product, please visit:

<https://www.wileyindia.com/ebook-ai-guided-design-and-property-prediction-for-zeolites-and-nanoporous-materials.html>



Scan to buy