

NMR of proteins and small biomolecules

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Abstrak

This book about application of NMR and molecular docking in structure-based drug discovery, NMR as a unique tool in assessment and complex determination of weak protein-protein Interactions, the use of residual dipolar coupling in studying proteins by NMR, studies of metalloproteins, recent developments in ¹⁵N NMR relaxation studies that probe protein backbone dynamics, contemporary methods in structure determination of membrane proteins by solution NMR, protein structure determination by solid-state NMR, and dynamic nuclear polarization : new methodology and applications.