

In an ever-increasing domain of activity, **Amino Acids, Peptides and Proteins** provides an annual compilation of the world's research effort into this important area of biological chemistry. Comprising a comprehensive review of significant developments at this biology/chemistry interface, each volume opens with an overview of amino acids and their applications. Work on peptides is reviewed over several chapters, ranging from current trends in their synthesis and conformational and structural analysis, to peptidomimetics and the discovery of peptide-related molecules in nature. The application of advanced techniques in structural elucidation is incorporated into all chapters, whilst periodic chapters on metal complexes of amino acids, peptides and beta-lactams extend the scope of coverage.

Efficient searching of specialist topics is facilitated by the sub-division of chapters into discrete subject areas, allowing annual trends to be monitored. All researchers in the pharmaceutical and allied industries, and at the biology/chemistry interface in academia will find this an indispensable reference source.

Specialist Periodical Reports provide systematic and detailed review coverage in major areas of chemical research. Compiled by teams of leading authorities in the relevant subject areas, the series creates a unique service for the active research chemist, with regular, in-depth accounts of progress in particular fields of chemistry. Subject coverage within different volumes of a given title is similar and publication is on an annual or biennial basis.

Current subject areas covered are *Amino Acids, Peptides and Proteins, Carbohydrate Chemistry, Catalysis, Chemical Modelling: Applications and Theory, Electron Paramagnetic Resonance, Nuclear Magnetic Resonance, Organometallic Chemistry, Organophosphorus Chemistry, Photochemistry* and *Spectroscopic Properties of Inorganic and Organometallic Compounds*. From time to time, the series has altered according to the fluctuating degrees of activity in the various fields, but these volumes remain a superb reference point for researchers.

ISBN 0-85404-237-7



9 780854 042371 >