

*Methods in Enzymology*

*Volume 120*

*Cumulative Subject Index*

*Volumes 81-94, 96-101*



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## Preface

The idea for a cumulative index was recognized by the founding editors who prepared one for Volumes I through VI of *Methods in Enzymology* by weeding and interpolating from the entries that had been indexed in the individual volumes. As the series developed in both number and complexity, different individuals with different backgrounds served as volume indexers. Subsequently, the series was fortunate in having Dr. Martha G. Dennis and Dr. Edward A. Dennis accept the challenge of computerizing the data available from these individual indexes, and this effort resulted in Volumes 33, 75, and 95, which cover Volumes 1 through 80.

Although each of the three books produced with the aid of computerization provided an appropriate cumulative index, major problems were encountered. One was time, both expensive computer time and lag time before such efforts resulted in publication. The most important difficulty was that the compilers were hampered by the lack of uniformity in the indexing of the individual volumes, resulting in the need for much hand editing to achieve a reasonable collation. The products were very decent, if uneven, indexes that also contributed to the methodology of computerized indexing, albeit with much delay and great expense.

Could one produce a relatively simplified, hopefully adequate index at a reasonable price and produce it in a timely manner? A different approach was used for this volume which, although it did not do well in terms of speed of production, served as an experiment; publishers also experiment and this is one of them. The remainder of the question must be answered by the users. This is meant literally because the publisher welcomes the feedback that will be necessary to improve the cumulative indexes which are so important to a series that presents methods.

This cumulative index has been produced by the staff of Academic Press under the guidance of Mrs. Evelyn Sasmor, and the product has received the comments of Dr. Frank Eisenberg, Jr. The indexers have gone back to the text rather than to the individual volume indexes and, using a uniform set of guidelines, have culled the major topics, leading to five to ten entries for each article. Thus, if searching by name for one of the dozen substrates of an enzyme, the isolation of which is being presented, it probably will not be found in the index, although the assay substrate may be there. Nor will the specific inhibitors of the enzyme be itemized, although the topic of the enzyme's inhibition will form an entry. The index, then, is not complete, but should lead to the broad subject

headings. Since there is a tendency to identify specific topics and methods with particular individuals, a contributor index is included. Finally, the complete table of contents of each of the volumes indexed is included.

If this type of index is viewed favorably, it should be possible to produce such cumulative indexes, covering a somewhat larger number of volumes, in relatively rapid fashion.

# METHODS IN ENZYMOLOGY

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- II. Preparation and Assay of Enzymes
- III. ~~Preparation~~ and Assay of Substrates
- IV. Special Techniques for the Enzymologist
- V. Preparation and Assay of Enzymes
- VI. Preparation and Assay of Enzymes (*Continued*)  
Preparation and Assay of Substrates  
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