

VOLUME 115, 1989

JOURNAL OF CATALYSIS

EDITORS

Gary L. Haller, *Yale University* Frank S. Stone, *University of Bath*

ASSOCIATE EDITOR

Robert S. Weber, *Yale University*

EDITORIAL BOARD

R. L. Burwell, Jr. <i>Northwestern University</i>	H. Knözinger <i>University of Munich</i>	S. J. Thomson <i>The University, Glasgow</i>
J. B. Butt <i>Northwestern University</i>	J. H. Lunsford <i>Texas A&M University</i>	Henrik Topsøe <i>Haldor Topsøe A/S</i>
W. N. Delgass <i>Purdue University</i>	J. B. Peri <i>Northeastern University</i>	M. A. Vannice <i>Pennsylvania State University</i>
R. P. Eischens <i>Lehigh University</i>	G. Pez <i>Air Products Company</i>	R. A. van Santen <i>Eindhoven University of Technology</i>
W. K. Hall <i>University of Pittsburgh</i>	J. J. F. Scholten <i>Delft University of Technology</i>	P. B. Wells <i>University of Hull</i>
J. W. Hightower <i>Rice University</i>	A. W. Sleight <i>E. I. du Pont Company</i>	J. T. Yates, Jr. <i>University of Pittsburgh</i>
V. B. Kazansky <i>Zelinsky Institute of Organic Chemistry</i>	K. Tamaru <i>Science University of Tokyo</i>	

Founding Editors: J. H. de Boer and P. W. Selwood



ACADEMIC PRESS, INC.

Harcourt Brace Jovanovich, Publishers

San Diego New York Boston London Sydney Tokyo Toronto