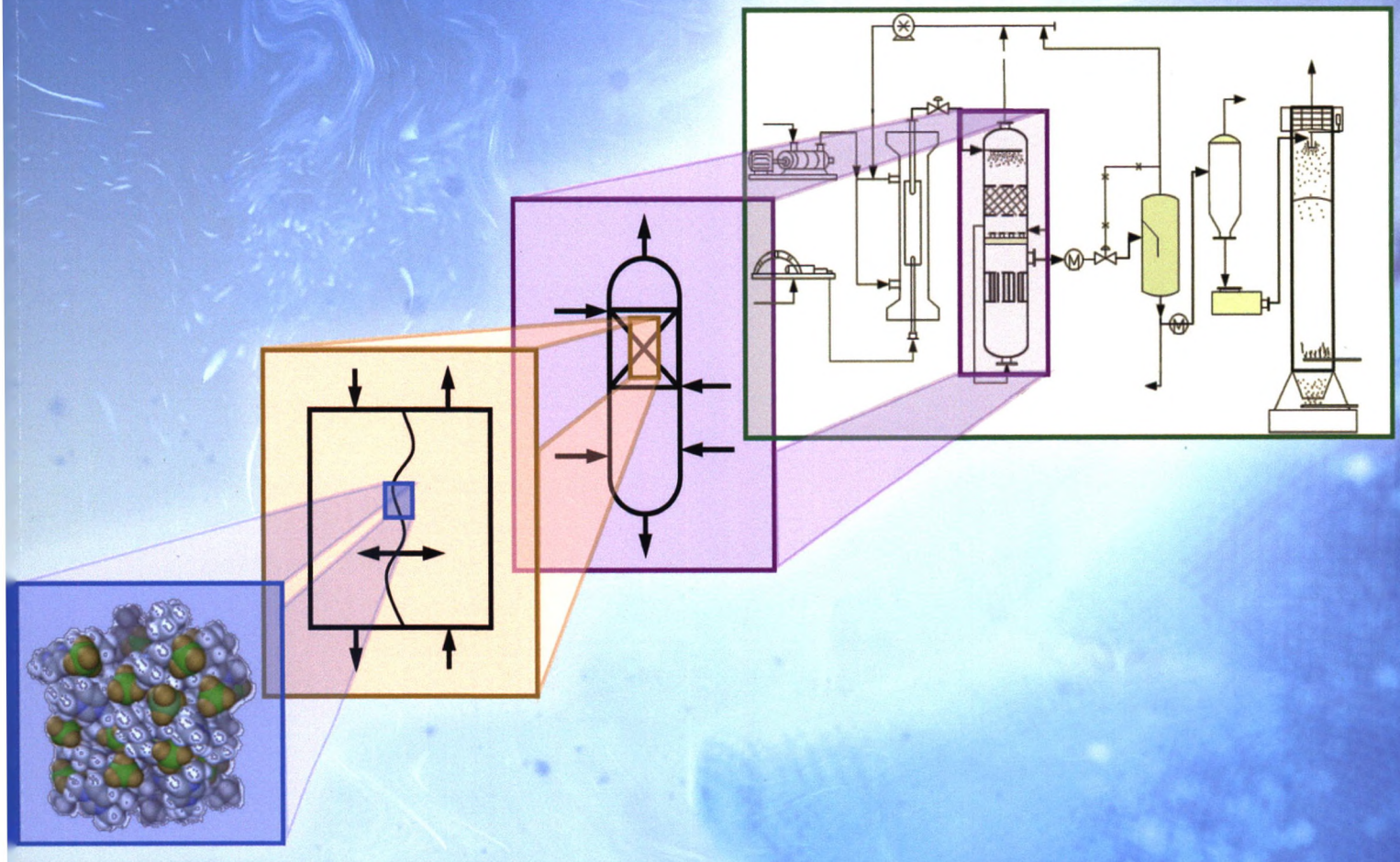
Engineering
Transactions of CAE

ISSN 2095-0179
Volume 16 · Number 2
February 2022

Frontiers of Chemical Science and Engineering

化学科学与工程前沿



Higher Education Press

Springer

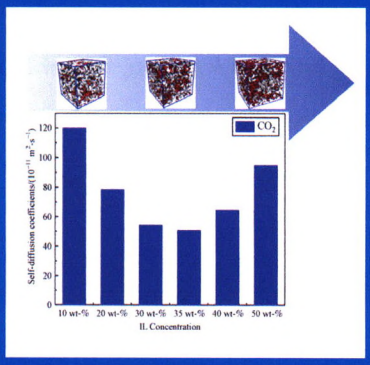
Frontiers of Chemical Science and Engineering

Volume 16 ▪ Number 2 ▪ February 2022

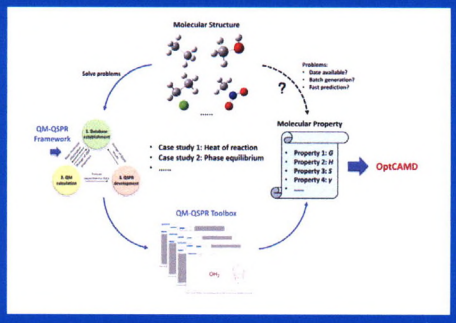
EDITORIAL

RESEARCH ARTICLE

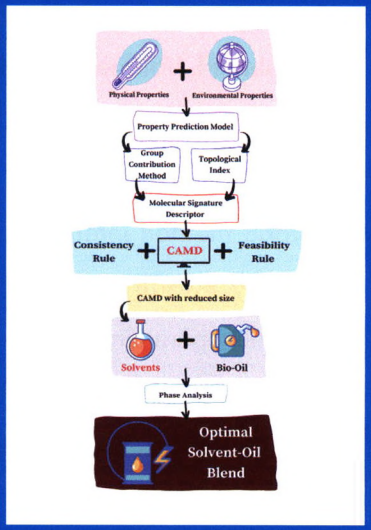
141



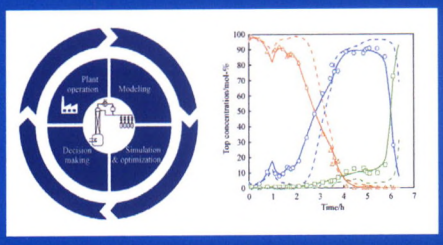
152



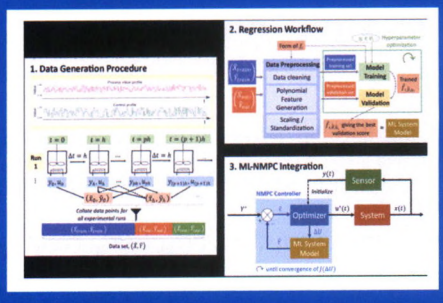
168



210

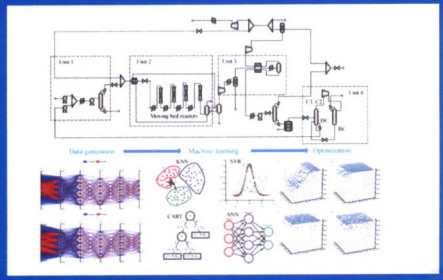


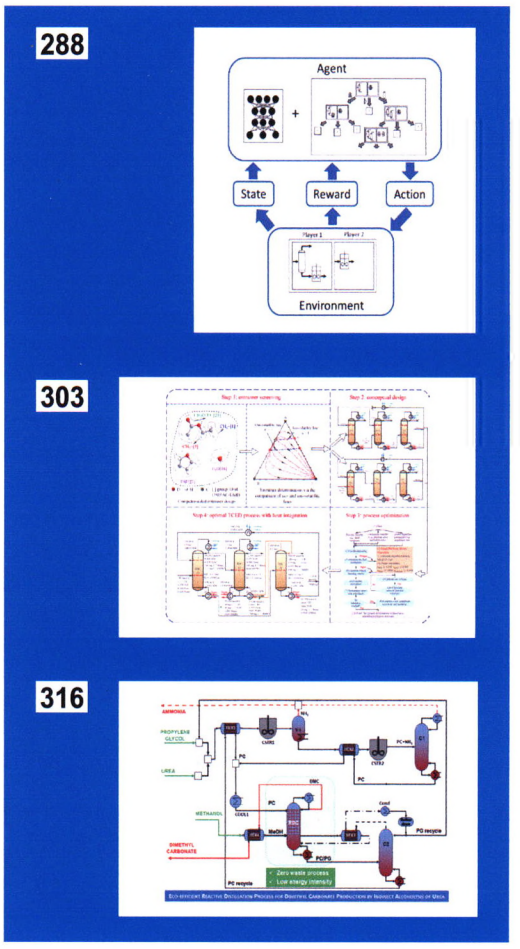
237

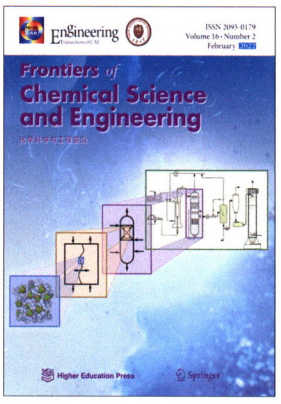


251

274







COVER

A process system can be generally decomposed into hierarchical levels or scales at which different physical and/or chemical phenomena take place. (Teng Zhou, Kai Sundmacher, pp. 137–140)

Frontiers of Chemical Science and Engineering

Vol. 16 No. 2 February 2022

Available online
http://www.springerlink.com

CN 11-5981/TQ
邮发代号: **80-969**

ISSN 2095-0179