

Korean J. Chem. Eng.  
33(11) 3035-3298 (2016)  
Print: ISSN 0256-1115  
Online: ISSN 1975-7220

# Korean Journal of Chemical Engineering

Vol. 33, No. 11, November 2016

Korean Journal of Chemical Engineering

Vol. 33, No. 11, November 2016 pp. 3035-3298

 Springer

 **KIChE**  
The Korean Institute of Chemical Engineers