Industrial & Engineering Chemistry Research: Volume 51, Issue 5 (ACS Publications)

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REVIEWS

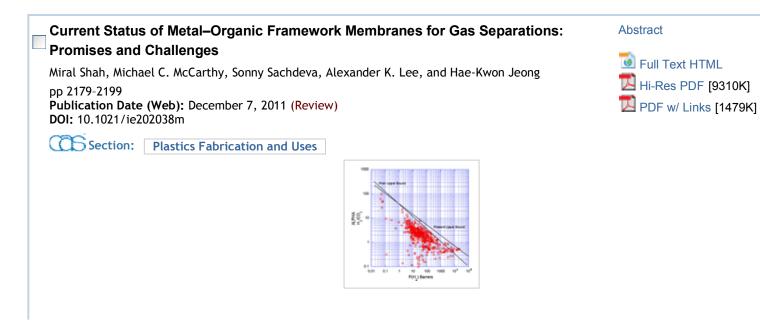
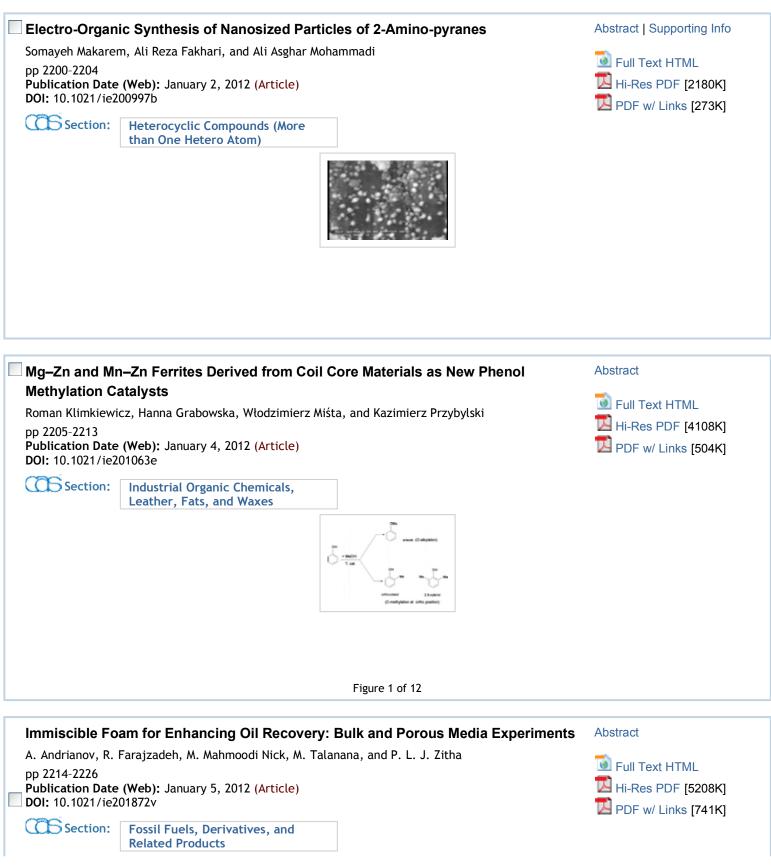
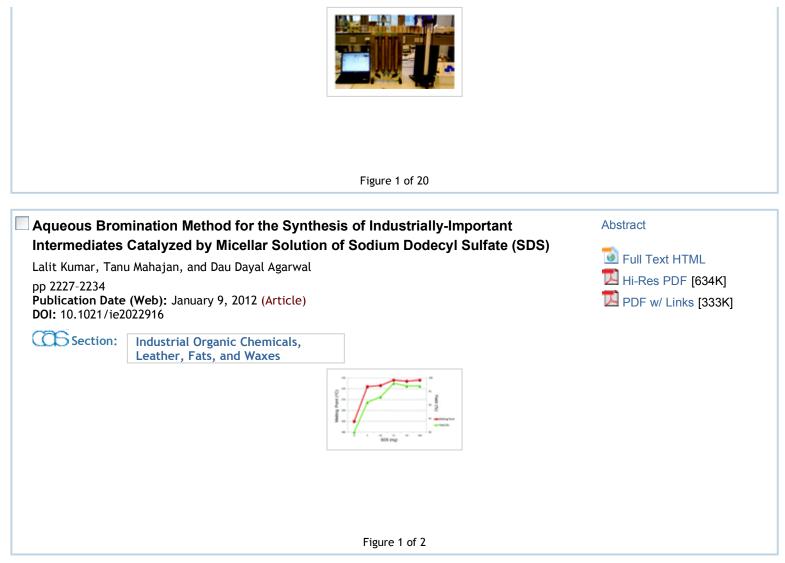


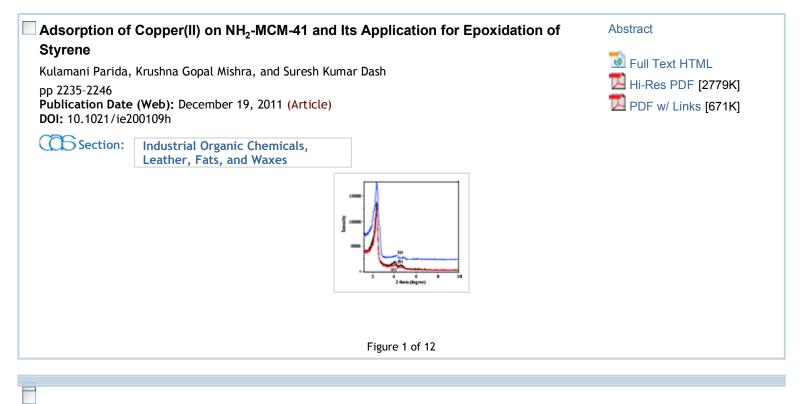
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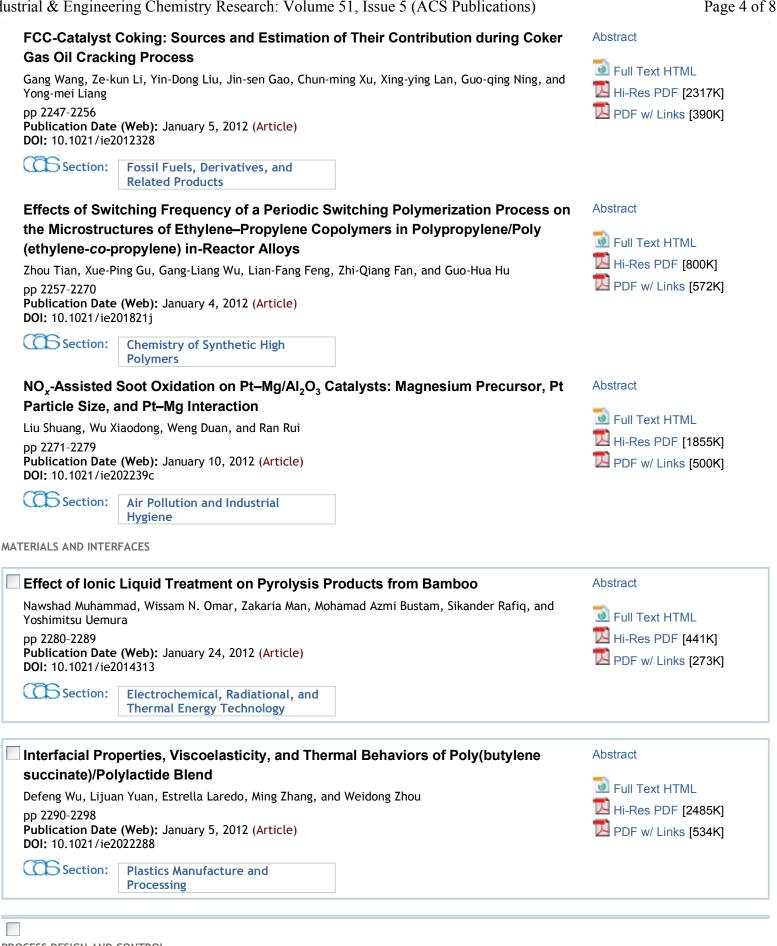
APPLIED CHEMISTRY



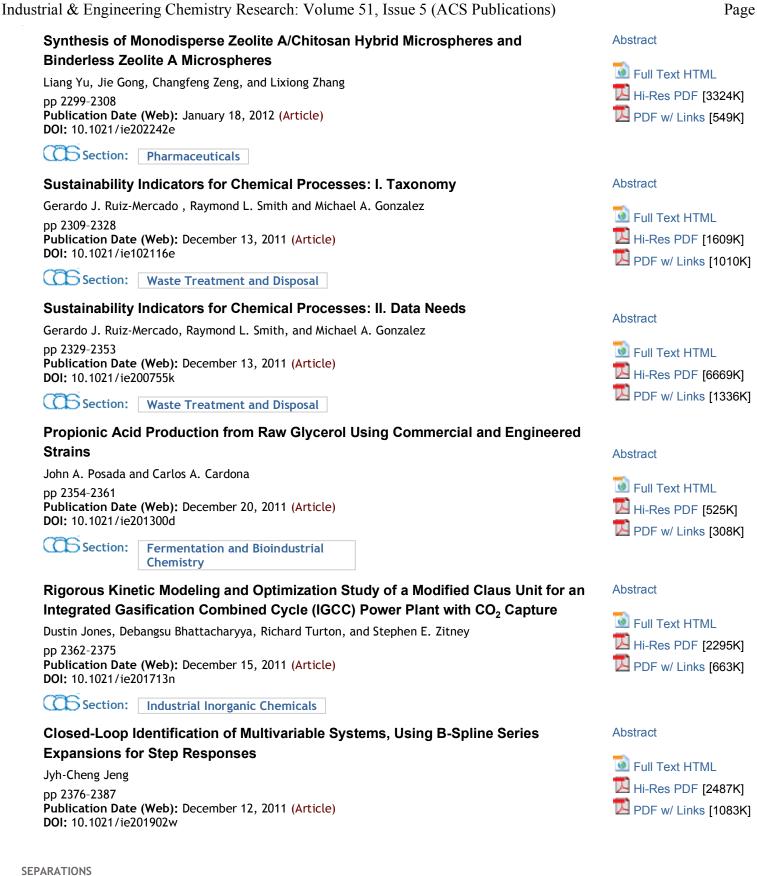


KINETICS, CATALYSIS, AND REACTION ENGINEERING





PROCESS DESIGN AND CONTROL



Unsteady-State Mathematical Modeling of a Fungal Biofilter Treating Hexane Vapor at Different Operating Temperatures

Reza Salehahmadi, Rouein Halladj, and Seyed Morteza Zamir pp 2388-2396 Publication Date (Web): January 6, 2012 (Article) DOI: 10.1021/ie2014718

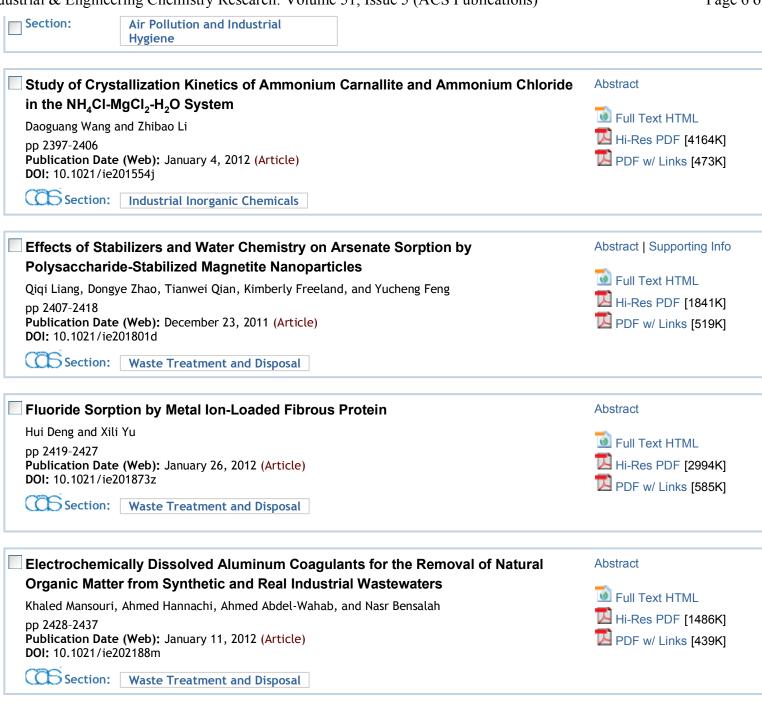
Abstract



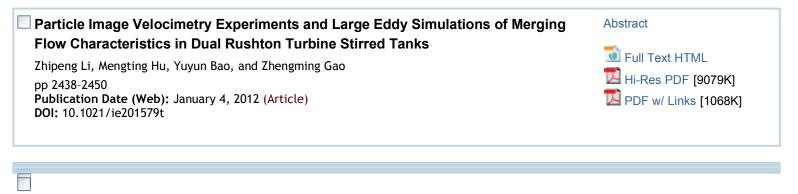
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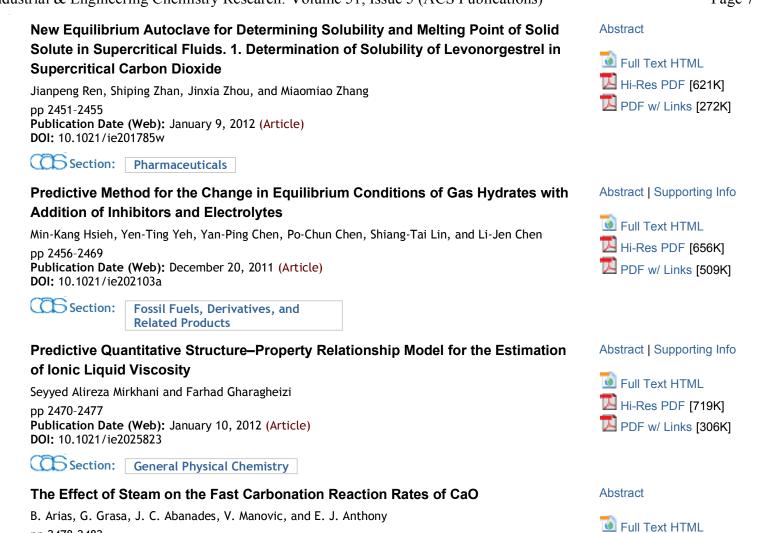


GENERAL RESEARCH



RESEARCH NOTES

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pp 2478-2482 **Publication Date (Web):** January 5, 2012 (Research Note) **DOI:** 10.1021/ie202648p

Section: Air Pollution and Industrial Hygiene

Stabilization of Low-Modulus Sodium Silicate Solutions by Alkali Substitution

John L. Provis, Adam Kilcullen, Peter Duxson, David G. Brice, and Jannie S. J. van Deventer

pp 2483-2486 **Publication Date (Web):** January 26, 2012 (Research Note) **DOI:** 10.1021/ie202143j

Section: Cement, Concrete, and Related Building Materials

High-Throughput Screening Technique for Biomass Conversion in Hot Compressed Water

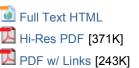
Pavlina Nanou, Wim P. M. van Swaaij, Sascha R. A. Kersten, and Guus van Rossum pp 2487-2491 Publication Date (Web): January 17, 2012 (Research Note) DOI: 10.1021/ie202331e

GGG Section:

n: Electrochemical, Radiational, and Thermal Energy Technology

CORRELATIONS

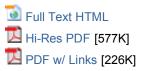
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Abstract



Abstract



Temperature Dependence and Structural Influence on the Thermophysical Properties of Eleven Commercial Ionic Liquids

Raquel G. Seoane, Sandra Corderí, Elena Gómez, Noelia Calvar, Emilio J. González, Eugenia A. Macedo, and Ángeles Domínguez

pp 2492-2504 **Publication Date (Web):** January 10, 2012 (Correlation) **DOI:** 10.1021/ie2029255

Section: Physical Organic Chemistry

Abstract

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