

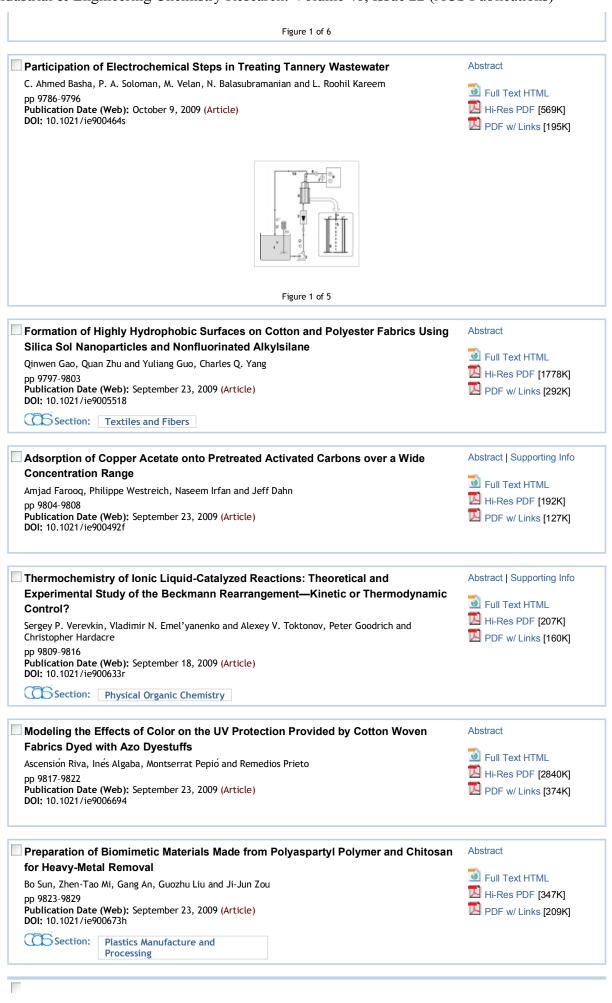


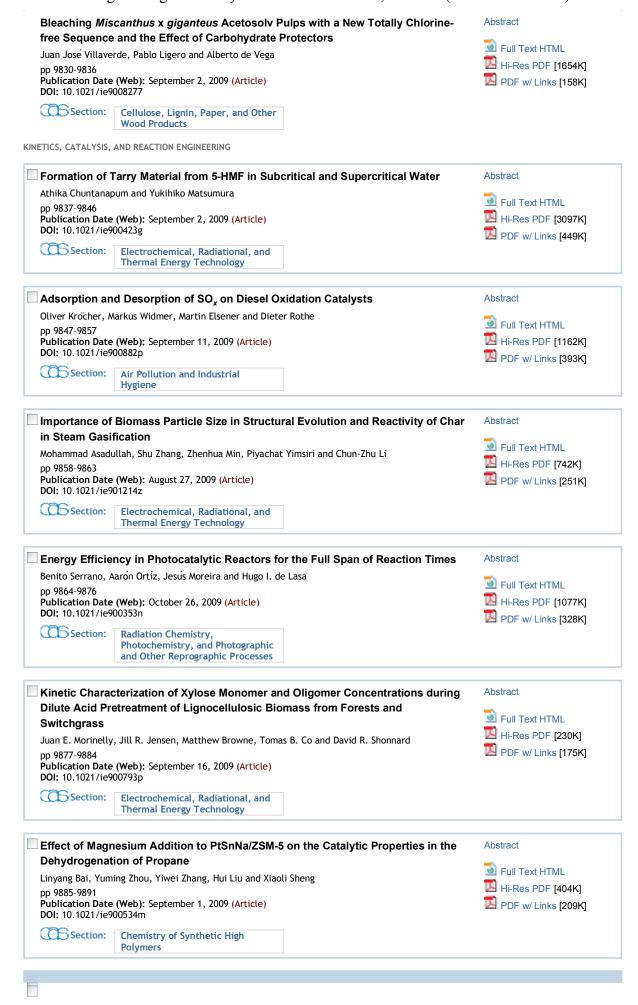
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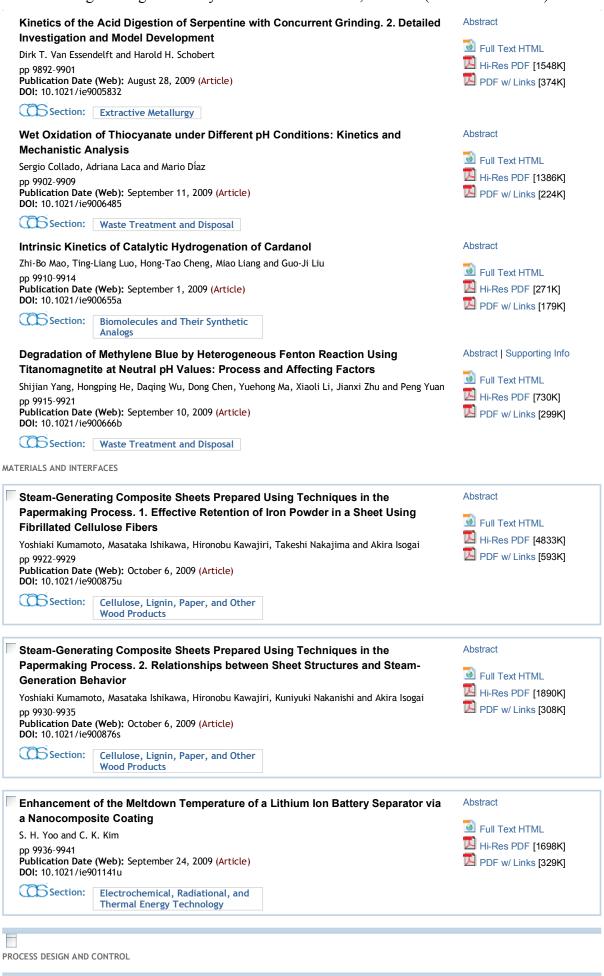
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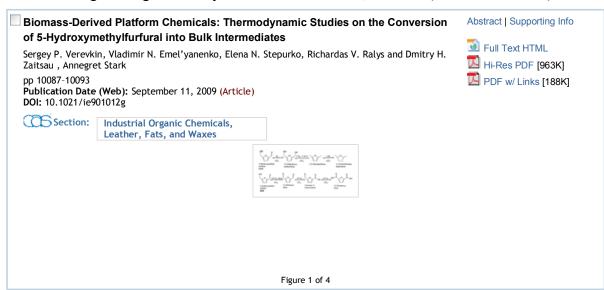






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pp 9999-10007 Publication Date (Web): September 1, 2009 (Article) DOI: 10.1021/ie900680d Section: Electrochemical, Radiational, and Thermal Energy Technology EPARATIONS Mass Transfer Enhancement in Liquid-Liquid Extraction with Very Dilute Aqueous Salt Solutions Javad Saien and Fatemeh Ashrafi pp 10008-10014	Hi-Res PDF [223K] PDF w/ Links [175K] Abstract
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pp 9999-10007 Publication Date (Web): September 1, 2009 (Article) DOI: 10.1021/ie900680d Electrochemical, Radiational, and Thermal Energy Technology EPARATIONS Mass Transfer Enhancement in Liquid-Liquid Extraction with Very Dilute Aqueous Salt Solutions Javad Saien and Fatemeh Ashrafi pp 10008-10014 Publication Date (Web): September 15, 2009 (Article) DOI: 10.1021/ie900542w Section: Unit Operations and Processes	Hi-Res PDF [223K] PDF w/ Links [175K] Abstract Full Text HTML Hi-Res PDF [362K]
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pp 9999-10007 Publication Date (Web): September 1, 2009 (Article) DOI: 10.1021/ie900680d Electrochemical, Radiational, and Thermal Energy Technology EPARATIONS Mass Transfer Enhancement in Liquid-Liquid Extraction with Very Dilute Aqueous Salt Solutions Javad Saien and Fatemeh Ashrafi pp 10008-10014 Publication Date (Web): September 15, 2009 (Article) DOI: 10.1021/ie900542w Section: Unit Operations and Processes	Hi-Res PDF [223K] PDF w/ Links [175K] Abstract Full Text HTML Hi-Res PDF [362K] PDF w/ Links [266K] Abstract
pp 9999-10007 Publication Date (Web): September 1, 2009 (Article) DOI: 10.1021/ie900680d Section: Electrochemical, Radiational, and Thermal Energy Technology EPARATIONS Mass Transfer Enhancement in Liquid-Liquid Extraction with Very Dilute Aqueous Salt Solutions Javad Saien and Fatemeh Ashrafi pp 10008-10014 Publication Date (Web): September 15, 2009 (Article) DOI: 10.1021/ie900542w Section: Unit Operations and Processes Adsorption and Diffusion of Carbon Dioxide on Metal-Organic Framework (MOF-5) Zhenxia Zhao, Zhong Li and Y. S. Lin	Abstract Abstract Full Text HTML Hi-Res PDF [362K] Abstract Full Text HTML Hi-Res PDF [366K] Abstract Abstract
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Correlation of Crystal Lattice Expansion and Membrane Properties for MFI Zeolites Stephanie G. Sorenson, Joseph R. Smyth, Richard D. Noble and John L. Falconer Full Text HTML pp 10021-10024 Hi-Res PDF [174K] Publication Date (Web): October 16, 2009 (Article) DOI: 10.1021/ie901073g PDF w/ Links [132K] Section: Industrial Inorganic Chemicals On the Fluid Mechanics of Spiral-Wound Membrane Modules Abstract M. Kostoglou and A. J. Karabelas pp 10025-10036 Full Text HTML Publication Date (Web): October 23, 2009 (Article) Hi-Res PDF [576K] DOI: 10.1021/ie901129j PDF w/ Links [284K] Section: Unit Operations and Processes Simultaneous Removal of Urea, Ammonia, and Carbon Dioxide from Industrial Wastewater Using a Thermal Hydrolyzer-Separator Loop Abstract | Supporting Info M. R. Rahimpour and H. R. Mottaghi Full Text HTML pp 10037-10046 Publication Date (Web): September 23, 2009 (Article) Hi-Res PDF [3093K] DOI: 10.1021/ie900751g PDF w/ Links [445K] Section: Waste Treatment and Disposal GENERAL RESEARCH Residence Time Distribution of Liquid and Solid Phases in a Novel Staged Abstract Crystallizer Full Text HTML Zai Qun Yu, Pui Shan Chow and Reginald B. H. Tan Hi-Res PDF [1691K] pp 10047-10054 DF w/ Links [327K] Publication Date (Web): September 1, 2009 (Article) DOI: 10.1021/ie9006722 Section: Apparatus and Plant Equipment Experimental Study of the Effect of Particle Density on Mixing Behavior in a Spout-Fluid Bed Full Text HTML Baosheng Jin, Yong Zhang, Wenqi Zhong and Rui Xiao 🔼 Hi-Res PDF [3754K] pp 10055-10064 Publication Date (Web): September 1, 2009 (Article) PDF w/ Links [555K] DOI: 10.1021/ie900689r Section: Unit Operations and Processes Thermophysical Properties of Binary and Ternary Mixtures Containing Lactams Abstract | Supporting Info and Methanol Full Text HTML María J. Dávila, Santiago Aparicio and Rafael Alcalde Hi-Res PDF [6633K] pp 10065-10076 PDF w/ Links [751K] Publication Date (Web): August 25, 2009 (Article) DOI: 10.1021/ie900822e Section: Phase Equilibriums, Chemical Equilibriums, and Solutions ☐ Validation of Ultrafilter Performance Model Based on Systematic Simulant Abstract **Evaluation** Full Text HTML R. L. Russell, J. M. Billing, H. D. Smith and R. A. Peterson 🔼 Hi-Res PDF [4395K] pp 10077-10086 Publication Date (Web): October 7, 2009 (Article) PDF w/ Links [444K] DOI: 10.1021/ie901042w Section: Waste Treatment and Disposal Figure 1 of 14





Guangsuo Yu, Jianjun Ni, Qinfeng Liang, Qinghua Guo and Zhijie Zhou pp 10094-10103 **Publication Date (Web):** October 13, 2009 (Article)

DOI: 10.1021/ie901203d

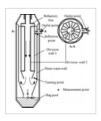


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Preparation of Silver Nanoparticles Using a Spinning Disk Reactor in a Continuous Mode

Clifford Y. Tai, Yao-Hsuan Wang, Chia-Te Tai and Hwai-Shen Liu
pp 10104-10109

Publication Date (Web): September 3, 2009 (Article)
DOI: 10.1021/ie9005645

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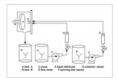


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Abstract

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Thermophysical Properties of Dry and Humid Air by Molecular Simulation Including Dew Point Calculations with the Mollier Ensemble

Bernhard Eckl, Thorsten Schnabel, Jadran Vrabec, Martin Wendland and Hans Hasse pp 10110-10119

Publication Date (Web): September 10, 2009 (Article)

DOI: 10.1021/ie9005707

Section: Unit Operations and Processes



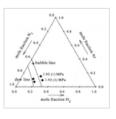


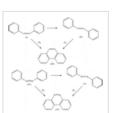
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Re-investigation and Data Assessment of the Isomerization and 2,2'-Cyclization of Stilbenes and Azobenzenes

Heiko K. Cammenga, Vladimir N. Emel'yanenko and Sergey P. Verevkin

Publication Date (Web): August 31, 2009 (Article)
DOI: 10.1021/ie900800q

Section: Physical Organic Chemistry



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Herbert Loria, Pedro Pereira-Almao and Marco Satyro

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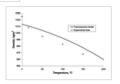


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Abstract

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Determination of Actual Object Size Distribution from Direct Imaging

Md. Iqbal Hossain, Tao Chen, Yanhui Yang and Raymond Lau pp 10136-10146

Publication Date (Web): October 2, 2009 (Article)

DOI: 10.1021/ie900857m

Section: Unit Operations and Processes



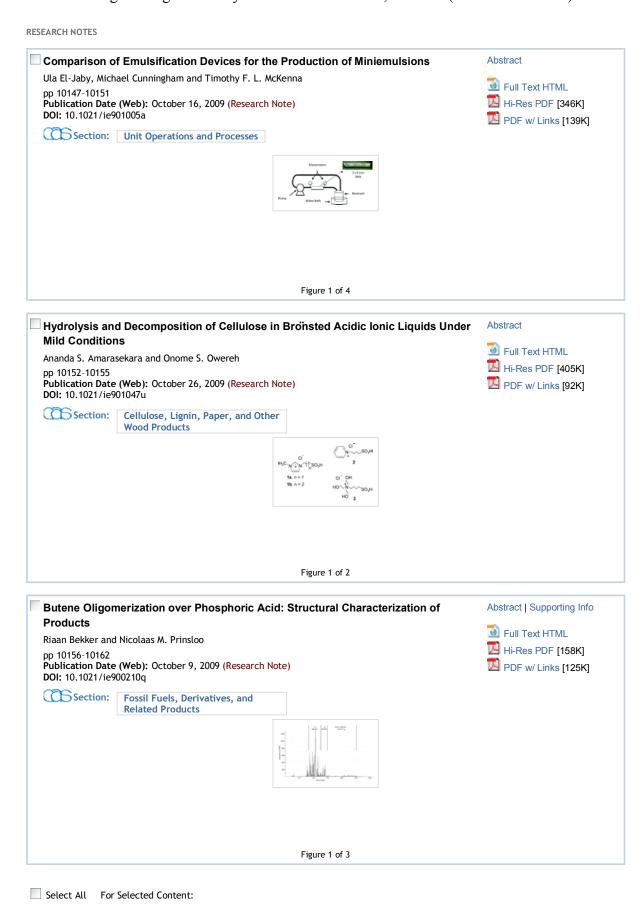
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