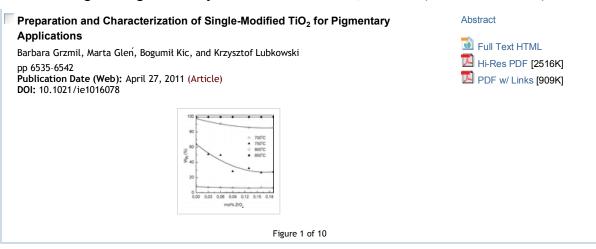
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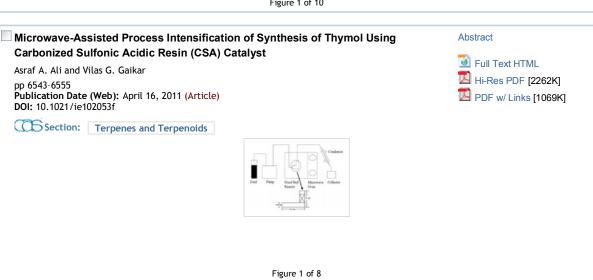
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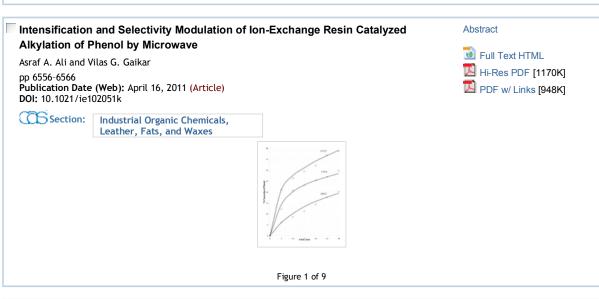
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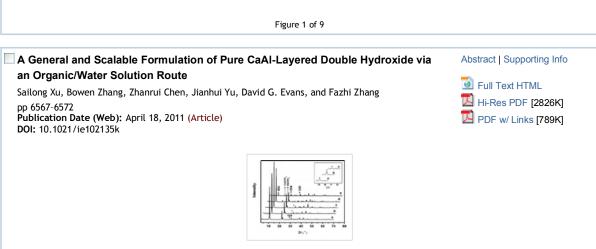














■ Enhancement of Lignin Production from Olive Tree Pruning Integrated in a Green Biorefinery

Ana Toledano, Luis Serrano, and Jalel Labidi

pp 6573-6579 **Publication Date (Web):** April 27, 2011 (Article)

DOI: 10.1021/ie102142f

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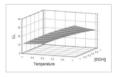


Figure 1 of 8

Synthesis and Physicochemical Characterization of Pure Diammonium Phosphate from Industrial Fertilizer

M. Gargouri, C. Chtara, P. Charrock, A. Nzihou, and H. El Feki

Publication Date (Web): April 18, 2011 (Article)

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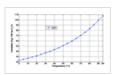


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Covalent Grafting of Polydimethylsiloxane over Surface-Modified Alumina **Nanoparticles**

Satyajit Gupta, Praveen C. Ramamurthy, and Giridhar Madras pp 6585-6593

Publication Date (Web): April 25, 2011 (Article)

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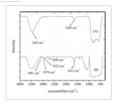


Figure 1 of 12

Improvement of the Benzene Yield During Pyrolysis of Terephthalic Acid Using a CaO Fixed-Bed Reactor

Shogo Kumagai, Guido Grause, Tomohito Kameda, Tatsuo Takano, Hideki Horiuchi, and Toshiaki

pp 6594-6600

Publication Date (Web): April 19, 2011 (Article) DOI: 10.1021/ie102423m

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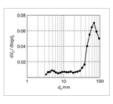
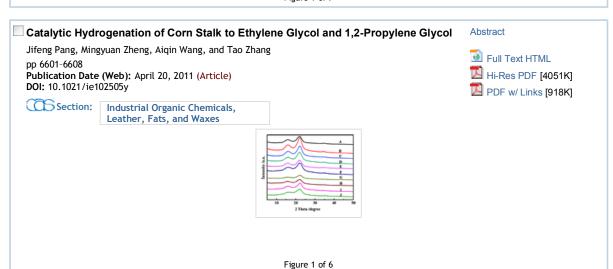
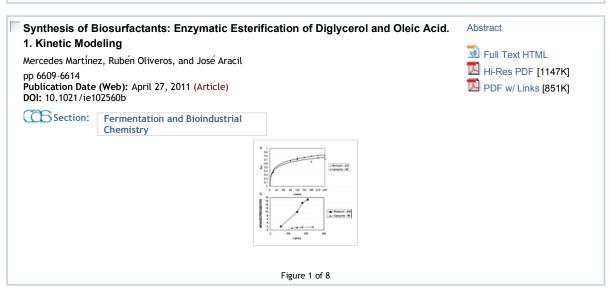
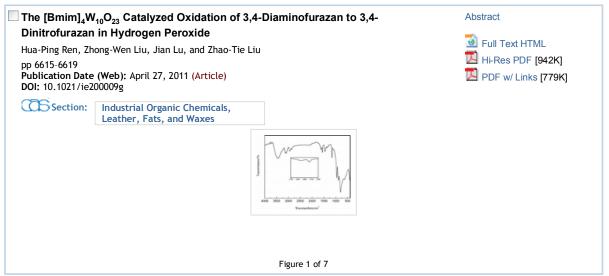


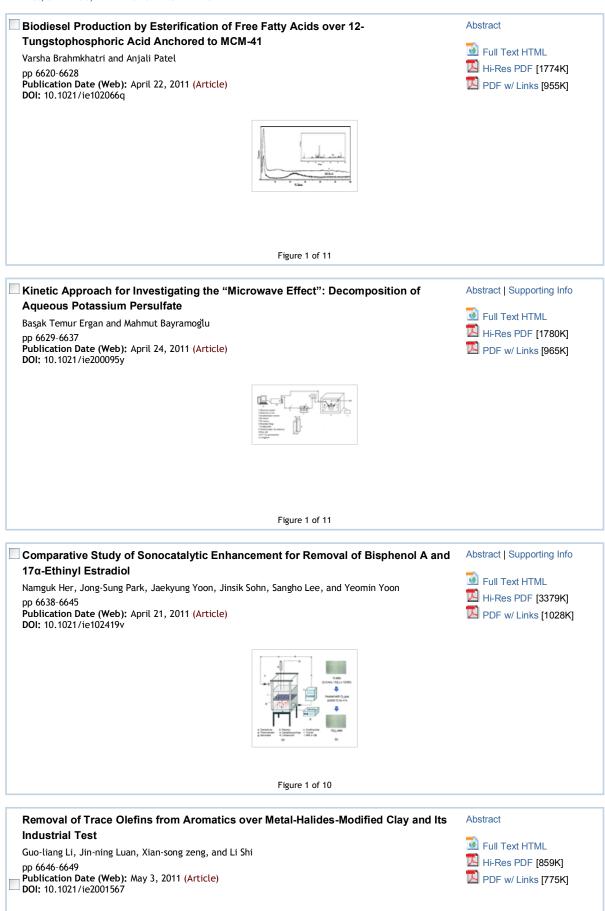
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KINETICS, CATALYSIS, AND REACTION ENGINEERING



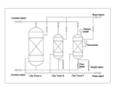


Figure 1 of 6

Product Yields and Compositions in the Continuous Pyrolysis of High-Density Polyethylene in a Conical Spouted Bed Reactor

Gorka Elordi, Martin Olazar, Gartzen Lopez, Maite Artetxe, and Javier Bilbao

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pp 6660-6667 Publication Date (Web): April 20, 2011 (Article)

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pp 6688-6694

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Mohmmad Reza Rahimpour, Hossein Momeni, Khadijeh Paymooni, and Ali Kiani

pp 6886-689/

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Abstract

Abstract Absorption of Carbon Dioxide with Ionic Liquid in a Rotating Packed Bed **Contactor: Mass Transfer Study** Full Text HTML Liang-Liang Zhang, Jie-Xin Wang, Yang Xiang, Xiao-Fei Zeng, and Jian-Feng Chen Hi-Res PDF [1124K] PDF w/ Links [862K] Publication Date (Web): April 14, 2011 (Article) DOI: 10.1021/ie1025979 On Quantification of Residual Ink Content and Deinking Efficiency in Recycling of Abstract **Mixed Office Waste Paper** Full Text HTML Bo Li, Gaosheng Wang, Kefu Chen, David W. Vahey, and J. Y. Zhu pp 6965-6971 Hi-Res PDF [3583K] Publication Date (Web): April 25, 2011 (Article) PDF w/ Links [837K] DOI: 10.1021/ie200148c GENERAL RESEARCH ■ Biomass Combustion with in Situ CO₂ Capture with CaO. I. Process Description Full Text HTML Juan C. Abanades, Mónica Alonso, and Nuria Rodríguez 🔼 Hi-Res PDF [1058K] pp 6972-6981 **I** PDF w/ Links [876K] Publication Date (Web): April 7, 2011 (Article) DOI: 10.1021/ie102353s ☐ Biomass Combustion with in Situ CO₂ Capture by CaO. II. Experimental Results Abstract Mónica Alonso, Nuria Rodríguez, Belén González, Borja Arias, and Juan C. Abanades Full Text HTML pp 6982-6989 🔼 Hi-Res PDF [2019K] Publication Date (Web): April 7, 2011 (Article) DOI: 10.1021/ie102355e PDF w/ Links [961K] Section: Electrochemical, Radiational, and Thermal Energy Technology Using an Online Image Analysis Technique to Characterize Sucrose Crystal Abstract Morphology during a Crystallization Run Full Text HTML A. Ferreira, N. Faria, F. Rocha, and J.A. Teixeira 🔼 Hi-Res PDF [3158K] pp 6990-7002 PDF w/ Links [1155K] Publication Date (Web): March 24, 2011 (Article) DOI: 10.1021/ie2001499 Section: Industrial Carbohydrates Modified Bounded Homotopies in the Solving of Phase Stability Problems for Abstract Liquid-Liquid Phase-Splitting Calculations Full Text HTML Jani Kangas, Ilkka Malinen, and Juha Tanskanen Hi-Res PDF [2086K] pp 7003-7018 PDF w/ Links [1405K] Publication Date (Web): April 19, 2011 (Article) DOI: 10.1021/ie101907h Abstract Experimental Studies and Thermodynamic Modeling of the Solubilities of Potassium Nitrate, Potassium Chloride, Potassium Bromide, and Sodium Chloride Full Text HTML in Dimethyl Sulfoxide 🔼 Hi-Res PDF [1284K] Bingwen Long PDF w/ Links [857K] pp 7019-7026 Publication Date (Web): April 26, 2011 (Article) DOI: 10.1021/ie102134g Modeling of the Thermodynamic Properties of Aqueous Ionic Liquid Solutions with an Equation of State for Square-Well Chain Fluid with Variable Range Full Text HTML Jinlong Li, Changchun He, Changjun Peng, Honglai Liu, Ying Hu, and Patrice Paricaud Hi-Res PDF [1658K] pp 7027-7040 PDF w/ Links [1084K] Publication Date (Web): April 28, 2011 (Article) DOI: 10.1021/ie102156m

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