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Periodical Postage Paid at Hoboken, NJ and additional offices.

Postmaster: Send all address changes to The JOURNAL OF APPLIED POLYMER SCIENCE, John Wiley & Sons Inc., C/O The Sheridan Press, PO Box 465, Hanover, PA 17331.

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Information for Subscribers: The Journal of Applied Polymer Science is published in 48 issues per year. Institutional subscription prices for 2016 are: Print & Online: US\$38,297 (US), US\$38,938 (Rest of the World), €25,124 (Europe), £19,866 (UK). Prices are exclusive of tax. Asia-Pacific GST, Canadian GST/HST and European VAT will be applied at the appropriate rates. For more information on current tax rates, please go to www.wileyonlinelibrary.com/tax-vat. The price includes online access to the current and all online back files to January 1st 2012, where available. For other pricing options, including access information and terms and conditions, please visit www.wileyonlinelibrary.com/access

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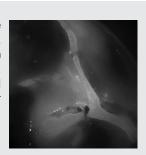
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Applied Polymer

Piotr Cyganowski and Dorota Jermakowicz-Bartkowiak pursue new materials for the recovery of noble metals. Novel anion exchangers, based on a new type of core-shell polymeric supports have been synthesized. The obtained ion exchangers were employed in sorption processes of gold, platinum and palladium chlorocomplexes. They were then compared to similar resins based on volumetric polymeric supports. Ultimately, an attempt to access a core-shell character of the resins has been made using digital-optical microscopy. The proceeded analyses determined the localization of the resins' functionalities and their advantages over traditional ion exchange resins. (DOI: 10.1002/app.43841)



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43668 Epoxidized dimeric acid methyl ester derived from rubber seed oil and its application as secondary plasticizer

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43678 Melt extruded nanocomposites of polybutylene adipate-co-terephthalate (PBAT) with phenylbutyl isocyanate modified cellulose nanocrystals

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