

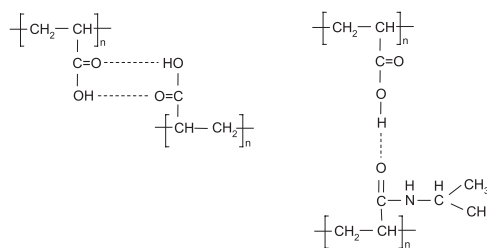


## Content

### Articles

#### 1-4 Characterization of thermo and pH sensitivity of binary graft copolymers onto polytetrafluoroethylene

Guillermina Burillo,\* Andrea Díaz and Emilio Bucio



#### 5-7 Analysis of BOP-F polymer by Neutron Activation

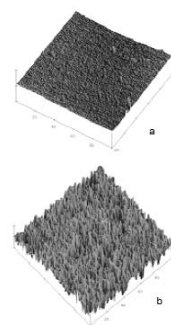
Héctor René Vega-Carrillo, Eduardo Manzanares-Acuña, Víctor Martín Hernández-Dávila, Gema A. Mercado and Miguel Ángel Salas Luévano

Table 1. Photopeak features and element concentration in BOP-F found during the short irradiation.

Sample	Weight [g]	Energy [MeV]	Photopeak net area [counts]	Isotope
BOP-F	0.12905	1.36855	26318 ± 162	<sup>24</sup> Na
NBS1632a standard	0.06985	1.36854	5495 ± 74	<sup>24</sup> Na

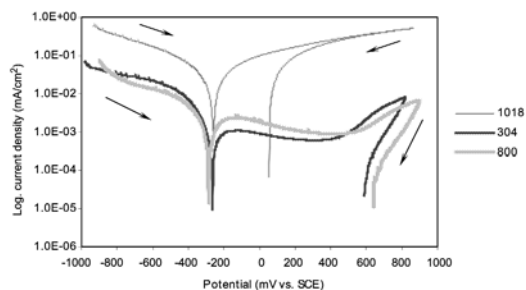
#### 8-13 Formation of smooth and rough TiO<sub>2</sub> thin films on fiber-glass by sol-gel method

Jorge Medina-Valtierra,\* Manuel Sánchez-Cárdenas, Claudio Frausto-Reyes, Sergio Calixto



#### 14-18 Electrochemical Behaviour of 1018, 304 and 800 Alloys in Synthetic Wastewater

Raúl Sandoval-Jabalera,\* Guadalupe V. Nevárez-Moorillón, José G. Chacón-Nava, José M. Malo-Tamayo and Alberto Martínez-Villafañe

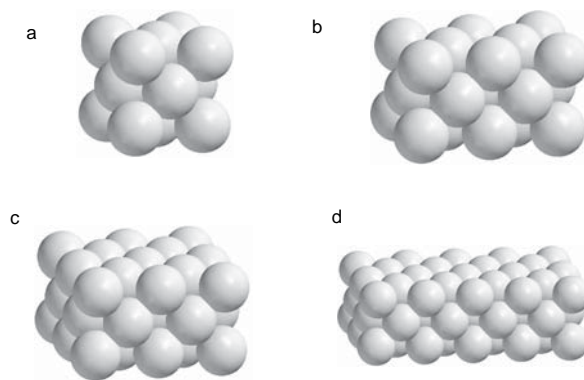


\*The asterisk indicates the name of the author to whom inquiries about the paper should be addressed

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**19-27 A theoretical quantum study on the distribution of electrophilic and nucleophilic active sites on Ag(100) surfaces modeled as Finite Clusters**

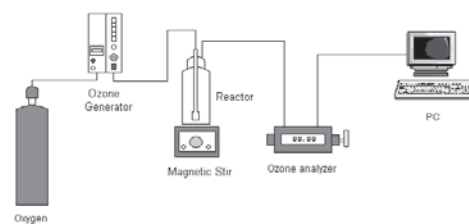
*Clara Hilda Rios-Reyes, Rosa Luz Camacho-Mendoza and Luis Humberto Mendoza-Huiza\**



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**28-35 Effect of pH to the Decomposition of Aqueous Phenols Mixture by Ozone**

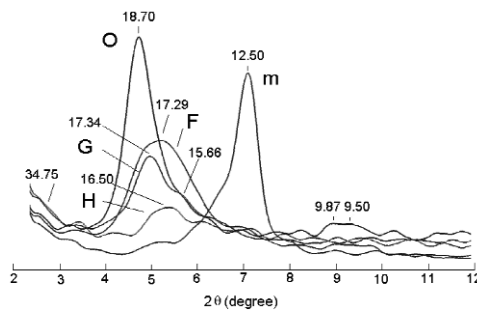
*Tatyana Poznyak,\* Rocío Tapia, Juan Vivero and Isaac Chairez*



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**36-41 Synthesis of intercalated Al-hydroxy-montmorillonite**

*M. Lourdes Chávez-García,\* Liberto de Pablo-Galán, M. Pilar Saucedo-Ramírez*



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**42-45 Synthesis of Pregnenolone-Pregnenolone Dimer via Ring A-Ring A connection**

*Lauro Figueroa Valverde,\* Francisco Díaz Cedillo, Ligia Tolosa, Guadalupe Maldonado, Guillermo Ceballos Reyes*

