

PYRO 08 SPECIAL

- 231** Foreword: Special Issue on the 2nd International Pyroprocessing Research Conference / *Michael F. Simpson*

TECHNICAL PAPERS

- 232** Advances in the ACP Facility Electrochemical Reduction Process / *Byung Heung Park, Ho Hee Lee, Won Myung Choung, Jin-Mok Hur, Chung-Seok Seo*
- 247** Separation and Recovery of Uranium Metal from Spent Light Water Reactor Fuel Via Electrolytic Reduction and Electrowinning / *S. D. Herrmann, S. X. Li*
- 266** Electrolytic Reduction and Electrowinning of Uranium to Develop Pyrochemical Reprocessing of Oxide Fuels / *Yoshiharu Sakamura, Takashi Omori*
- 276** Development of Computational Models for the Mark-IV Electrowinner—Effect of Uranium, Plutonium, and Zirconium Dissolution at the Fuel Basket–Salt Interface / *Robert O. Hoover, Supathorn Phongikaroon, Michael F. Simpson, Shelly X. Li, Tae-Sic Yoo*
- 285** Chemical Form of Actinide Elements Contained in Anode Residue Generated in Electrolysis and the Conversion to Chlorides Using $ZrCl_4$ / *Shinichi Kitawaki, Akira Nakayoshi, Mineo Fukushima, Noboru Yahagi, Masaki Kurata*
- 292** Electrochemical Analysis of Actinides and Rare Earth Constituents in Liquid Cadmium Cathode Product from Spent Fuel Electrowinning / *Shelly X. Li, Steven D. Herrmann, Michael F. Simpson*
- 300** Fundamental Study on a Salt Distillation from Mixtures of Rare Earth Precipitates and LiCl-KCl Eutectic Salt / *Hee-Chul Yang, Hee-Chul Eun, Yung-Zun Cho, Han-Soo Lee, In-Tae Kim*
- 306** Salt-Zeolite Ion-Exchange Equilibrium Studies for a Complete Set of Fission Products in Molten LiCl-KCl / *Tae-Sic Yoo, Steven M. Frank, Michael F. Simpson, Paula A. Hahn, Terry J. Battisti, Supathorn Phongikaroon*
- 316** Precipitation Behaviors of Fission Products by Phosphate Conversion in LiCl-KCl Medium / *I. Amamoto, H. Kofuji, M. Myochin, Y. Takasaki, T. Yano, T. Terai*
- 325** Concentration of Cesium and Strontium Elements Involved in a LiCl Waste Salt by a Melt Crystallization Process / *Yung-Zun Cho, Gil-Ho Park, Han-Su Lee, In-Tae Kim, Dae-Seok Han*

DEPARTMENTS

- 335** Volume 171 Indexes
- v Volume 171 Contents