FEATURE ARTICLES FROM THE 2016 GOVERNOR'S AWARD WINNERS

Where Do New Materials Come From? Neither the Stork nor the Birds and the Bees! In Search of the Next “First Material”
   Gregory Morrison, Dileka Abeysinghe, Justin B. Felder, Shani Egodawatte, Timothy Ferreira, Hans-Conrad zur Loye .................................................................1

Emerging Antimicrobial Research against Superbugs: Perspectives from a Polymer Laboratory
   Mitra S. Ganewatta, Md Anisur Rahman, Chuanbing Tang ........................................................8

Using Polymerization, Glass Structure, and Quasicrystalline Theory to Produce High Level Radioactive Borosilicate Glass Remotely: A 20+ Year Legacy
   Carol M. Jantzen ..........................................................................................................................12

RESEARCH ARTICLES

Antitumor Activity of Selected Derivatives of Pyrazole- Benzenesulfonamides from Dilithiated C(α), N-Phenylhydrazones and Lithiated Methyl 2-(Aminosulfonyl)benzoate
   N. Dwight Camper, James M. Gum, Darby E. Lyles, William T. Pennington, Charles F. Beam, Clyde R. Metz ..............................................................................................27

Differential Response of Coral Symbiotic Dinoflagellates to Bacterial Toxins that Produce Bleaching in Stony Corals
   Diego L. Gil-Agudelo, Yael Ban-Haim, Eugene Rosenberg, Garriet W. Smith .................30

Marine tardigrades from South Carolina, USA
   Paul J. Bartels, Lilvia J. Bradbury, Diane R. Nelson .................................................................43

Searching for Signals of Dark Matter Decay
   Gardner Marshall, William Hester ..........................................................................................49