Other Publications:

- Antimicrobial silica particles synthesized via ring-opening grafting of cationic amphiphilic cyclic carbonates: effects of hydrophobicity and structure. Polymer Chemistry 2016; 7: 2192-2201.

- Antimicrobial coatings against biofilm formation: the unexpected balance between antifouling and bactericidal behavior. Polymer Chemistry 2016; 7: 656-668.

- Polyurethane-coated silica particles with broad-spectrum antibacterial properties. Polymer Chemistry 2015; 6: 2011-2022.

- Coaxial electrohydrodynamic atomization: microparticles for drug delivery applications. Journal of Controlled Release 2015; 205: 70-82.

- Coaxial electrohydrodynamic atomization process for production of polymeric composite microspheres. Chemical Engineering Science 2013; 104: 330-346.

- Transferrin-conjugated magnetic silica PLGA nanoparticles loaded with doxorubicin and paclitaxel for brain glioma treatment. Biomaterials 2013; 34(33): 8511-8520.

- Combined modality doxorubicin-based chemotherapy and chitosan-mediated p53 gene therapy using double-walled microspheres for treatment of human hepatocellular carcinoma. Biomaterials 2013; 34(21): 5149-5162.

- Protein encapsulation in and release from monodisperse double-wall polymer microspheres. Journal of Pharmaceutical Sciences 2013; 102(5): 1601-1609.

- Mechanism of drug release from double-walled PDLLA(PLGA) microspheres. Biomaterials 2013; 34(15): 3902-3911.

- Monodisperse double-walled microspheres loaded with chitosan-p53 nanoparticles and doxorubicin for combined gene therapy and chemotherapy. Journal of Controlled Release 2012; 163(2): 130-135.

- Polymeric carriers for gene delivery: chitosan and poly(amidoamine) dendrimers. Current Pharmaceutical Design 2010; 16(21): 2350-2368.

- Design project on controlled-release drug delivery devices: implementation, management, and learning experiences. Chemical Engineering Education 2010; 44(4): 289-298.

- Transport and deposition of inertial aerosols in bifurcated tubes under oscillatory flow. Chemical Engineering Science 2009; 64(5): 830-846.