

Kevin M. McPeak

Curriculumvitae

April 26, 2016

Louisiana State University
Cain Department of Chemical Engineering
110 Chemical Engineering Bldg
S. Stadium Dr.
Baton Rouge, LA 70803
kmcpeak@lsu.edu
225.578.0058

EDUCATION

Ph.D., Drexel University

Refereed Journal Articles

Gosalvez, MA; Ferrando, N; Ferris, Y; Leuthold, J; McPeak, KM Evidence for faster etching at the mass substrate interface: atomistic simulation of complex cavities at the micron/submicron scale by the continuous cellular automaton Journal of Micromechanics and Microengineering 2016, 26 (4), 045013

McPeak, KM; van Engers, C; Rossinelli, A; Jayanti, SV; Norris, DJ Ultraviolet Plasmonic Chirality from Colloidal Aluminum Nanoparticles Exhibiting Charge Selective Protein Detection Advanced Materials 2015, 27(40):6244-50.

Kress, S; Antolinez, FP; Richner, P; Jayanti, SV; Kim, DK; Riedinger, A; Fischer, M; Meyer, S; McPeak, KM; Poulidakos, D; Norris, DJ Wedge Waveguides and Resonators for Quantum Plasmonics Nano Letters 2015, 15 (9), 6267–6275

Jayanti, SV; Park, JH; Dejneka, A; Chvostova, D; McPeak, KM; Chen, X; Oh, SH; and Norris, DJ Low

“Chiral Plasmonic Nanoparticles from an Achiral Template” McPeak, KM; Norris, DJ, Spring MRS 2013, April 2, 2013, Boston, MA (poster)

“Nanostructured Photovoltaics and Chiral Plasmonic Nanoparticles via Template Stripping” McPeak, KM; Norris, DJ, MRS 2012, Nov 27, 2012, Boston, MA (poster)

“Nanostructured Photovoltaics and Chiral Plasmonic Nanoparticles via Template Stripping” McPeak, KM; Norris, DJ AIChE 2012, October 29, 2012, Pittsburgh, PA

“Understanding the Chemical Bath Deposition of ZnO Nanowires and CdZnS Thin Films” McPeak, KM; Baxter, JB AIChE 2012, October 29, 2012, Pittsburgh, PA

“Template Stripping: A Route to Ultrasoother Nanostructured Metal Films for Advanced Technologies” McPeak, KM; Mena, J