SCIENTIFIC PUBLICATIONS & PATENTS

Carlson, Philip J.; Izgorodina, Eketrina; MacFarlane, Douglas; Gordon, Mark S.; “Computational Investigation of Similar ΔpKₐ Amine Systems” to be submitted to the Journal of Physical Chemistry B


Kee, Tak W.; Adhikary, Ramkrishna; Carlson, Philip J.; Mukherjee, Prasun; Petrich, Jacob W.; “Femtosecond Fluorescence Upconversion Investigations of the Excited-State Photophysics of Curcumin” Australian Journal of Chemistry 64, 23-30, 2011


OTHER PUBLICATIONS

SCIENTIFIC PRESENTATIONS

Personal:


Pretzer, Lori A.; Carlson, Philip J.; Boyd, Joel E.; “Photocatalytic degradation of Ammonia Over Platinized TiO₂” 63rd Southwest Regional A.C.S. Meeting, Lubbock, TX 2007


Carlson, Philip J.; Pretzer, Lori A.; Boyd, Joel E.; “Photocatalytic Degradation of Nitrate with Titanium Dioxide” 62nd Southwest Regional A.C.S. Meeting. Houston, TX 2006.

Pretzer, Lori A.; Carlson, Philip J.; Boyd, Joel E.; “Photocatalytic Degradation of Ammonia over Platinized Titanium (IV) Oxide” 62nd Southwest Regional A.C.S. Meeting, Houston, TX 2006.

Advisees:

Muhoza, Sixbert; Mucunguzi, Anselme; Carlson, Philip J.; Bishop, Reid.; “Influence of amino acid side-chain mobility, drug binding, and disulfide bonding on the thermal stability of native human serum albumin” 245th A.C.S. National Meeting, New Orleans, LA Spring, 2013.