

Selected TRACES Thesis Mentions:

Tree Roots in Agroforestry: Evaluating Biomass and Distribution with Ground Penetrating Radar
Kira Alia Borden

Relating Ionic Composition to the Photophysics and Photochemistry of Natural Organic Matter
in Aqueous Environments
Stirchak, Laura T

Redox Behaviour and Stability of Manganese Porphyrins Based MRI Contrast Agents
Tieu, Henry M. F.

A Molecular-Level Investigation of Soil Organic Matter Responses to Climate Change in Two
Temperate Forests
vandenEnden, Lori Anne.

Potential of Cyanobacterial Carbonate Precipitation for Concrete Restoration
Zhu, Tingting.

The Development of Small Manganese(III) Porphyrins as Blood Pool Agents for Magnetic
Resonance Angiography and the Analyses of Their Binding to Human Serum Albumin
Sasidharan, Piriyanka.

Organomineralization of Cyanobacteria Cell Envelopes: Insights from Laboratory Studies and
Implications to Carbonates Nucleation, Mineralogy and Carbon Cycling
Paulo, Carlos

Rhodium(I)-catalyzed asymmetric allylic substitution reaction.
Yu, Bing

The Role of Chirality in the Self-Assembly of Ferrocene Peptide Conjugates
Vijayaratnam, Chandrika.

Development of Flow Based In vivo NMR for Understanding Metabolic Indicators of Stress
Lane, Daniel.

Ag Nanostructures : from Fabrication to Interaction.
Fathi, Farkhondeh

Variations in Silviculture Practices Alters the Composition and Degradation of Soil Organic
Matter in the Snowden Demonstration Forest, British Columbia
Sultani, Be Be Fatima.

Electrochemical Detection of Halides Using a Matrix Containing Silver Nanoparticles

Keunen, Rachel Arlene.

Dynamics of Sediment-Laden Gravity Currents; Influences of Sedimentation and Coriolis Force

Davarpanah Jazi, Shahrzad

Root Ecology for Sustainable Agroecosystems: Intraspecific Variation in a Pan-tropical Tree Crop

Borden, Kira Alia.

Designing Stimuli-Responsive Amino Acid and Peptide Hydrogel Biomaterials as Functional Entrapment Matrices

Falcone, Natashya.

Asymmetric desymmetrization of strained alkenes.

Leong, Paul Anthony Chee Ming.

Development of electrochemical sensors for the analysis of therapeutic compounds and proteases related to Alzheimer's disease

Hung, Vinci Wing Sze

Mixing Patterns of Discharged Ballast Water and the Implications for Biological Invasions in the Huron-Erie Corridor of the Great Lakes

Yajun Sun

The Development of Mn(III)-Porphyrins as T1 Contrast Agents for Biomedical Applications

Haedicke, Inga Elisabeth

Development of Mn(III) Porphyrins as High Relaxivity MRI Contrast Agents for Blood Pool and Targeted Imaging

Cheng, Weiran.

Development of Water-Soluble Mn(III) Porphyrin as Extracellular MRI Contrast Agents: Optimizing Relaxivity at High Magnetic Field

Zhu, Yong Le.

Stimuli-Responsive Supramolecular Gelation in Ferrocene–Peptide Conjugates

Rouzbeh Afrasiabi