Environmental NanoChemistry Laboratory Presentation Schedules
2017 spring ACS meeting in San Francisco

April 2 (Sunday)
1. Lijie Zhang, Doyoon Kim, Yongman Kim, Jiamin Wan, and Young-Shin Jun, Brine-biotite interactions under Geologic CO2 Sequestration (GCS) conditions: Effects of phosphate, The 253st American Chemical Society National Meeting & Exposition, San Francisco, California, April 2-6, 2017. (Union Square South - San Francisco Marriott Union Square, Sunday, April, 02, 10:05 AM - 10:25 AM)

2. Yujia Min and Young-Shin Jun, Interfacial interactions between cations and biotite under conditions relevant to subsurface CO2 injection, The 253st American Chemical Society National Meeting & Exposition, San Francisco, California, April 2-6, 2017. (Union Square South - San Francisco Marriott Union Square, Sunday, April, 02, 11:25 AM - 11:45 AM)

3. Qingyun Li and Young-Shin Jun, Evidence for difference between precipitation in pores and in bulk solution, The 253st American Chemical Society National Meeting & Exposition, San Francisco, California, April 2-6, 2017. (Union Square South - San Francisco Marriott Union Square, Sunday, April, 02, 2:30 PM - 2:50 PM)


5. Haesung Jung and Young-Shin Jun, How soluble Mn(III)-pyrophosphate affects the formation of layered birnessite nanosheets by photochemically-assisted Mn oxidation? The 253st American Chemical Society National Meeting & Exposition, San Francisco, California, April 2-6, 2017. (Sutter 1-3 - San Francisco Marriott Union Square, Sunday, April, 02, 4:15 PM - 4:35 PM)

April 3 (Monday)
6. Haesung Jung and Young-Shin Jun, Nitrate photolysis drives fast abiotic oxidation of Mn2+(aq) to Mn(IV) and promotes the formation of δ–MnO2 nanosheets, The 253st American Chemical Society National Meeting & Exposition, San Francisco, California, April 2-6, 2017. (Union Square South - San Francisco Marriott Union Square, Monday, April, 03, 9:40 AM - 10:00 AM)

April 4 (Tuesday)
7. Haesung Jung and Young-Shin Jun, Heterogeneous nucleation rate of Mn(OH)2 (s) controls structural match between Mn(OH)2 (s) and quartz substrate, The 253st American Chemical Society National Meeting & Exposition, San Francisco, California, April 2-6, 2017. (Union Square North - San Francisco Marriott Union Square, Tuesday, April, 04, 10:50 AM - 11:20 AM)

8. Yujia Min and Young-Shin Jun, Effects of Na+ and Ca2+ on plagioclase dissolution under high salinity conditions: Implications for subsurface CO2 injection, The 253st American Chemical Society National Meeting & Exposition, San Francisco, California, April 2-6, 2017. (Sutter 1-3 - San Francisco Marriott Union Square, Tuesday, April, 04, 11:05 AM - 11:25 AM)
April 5 (Wednesday)


10. Qingyun Li and Young-Shin Jun, Experimental quantification of kinetic factors in the nucleation rate equation, The 253rd American Chemical Society National Meeting & Exposition, San Francisco, California, April 2-6, 2017. (Savoy - San Francisco Marriott Union Square, Wednesday, April, 05, 9:30 AM - 9:50 AM)

11. Young-Shin Jun, Qisheng Jiang, Deoukchen Ghim, Sirimuvva Tadepalli, Hyuna Kwon, Keng-ku Liu, Yujia Min, Jingyi Luan, and Srikanth Singamaneni, Sunlight enables reduced graphene oxide/bacterial nanocellulose ultrafiltration membranes to resist biofouling, The 253rd American Chemical Society National Meeting & Exposition, San Francisco, California, April 2-6, 2017. (Salon 14 - San Francisco Marriott Marquis, Wednesday, April, 05, 3:20 PM - 3:50 PM)

April 6 (Thursday)


15. Yue Hui, Haesung Jung and Young-Shin Jun, Kinetic study of apoferritin-catalyzed biomineralization of a-MnOOH nanoparticles, The 253rd American Chemical Society National Meeting & Exposition, San Francisco, California, April 2-6, 2017. (Savoy - San Francisco Marriott Union Square Thursday, April, 06, 2017, 3:00 PM - 3:30 PM)


17. Doyoon Kim, Byeongdu Lee, Stavros Thomopoulos, Young-Shin Jun, Nucleation, growth, and transformation of calcium phosphate minerals in multi-scale nucleation sites of collagen fibrils, The 253rd American Chemical Society National Meeting & Exposition, San Francisco, California, April 2-6, 2017. (Savoy - San Francisco Marriott Union Square Thursday, April, 06, 2017, 4:50 PM - 5:10 PM)