

Electronic Supplementary Information

Photoluminescence and Conductivity Studies of Anthracene-Functionalized Ruthenium Nanoparticles

Wei Chen, Sulolit Pradhan, and Shaowei Chen*

Department of Chemistry and Biochemistry, University of California, 1156 High Street, Santa Cruz, California 95064

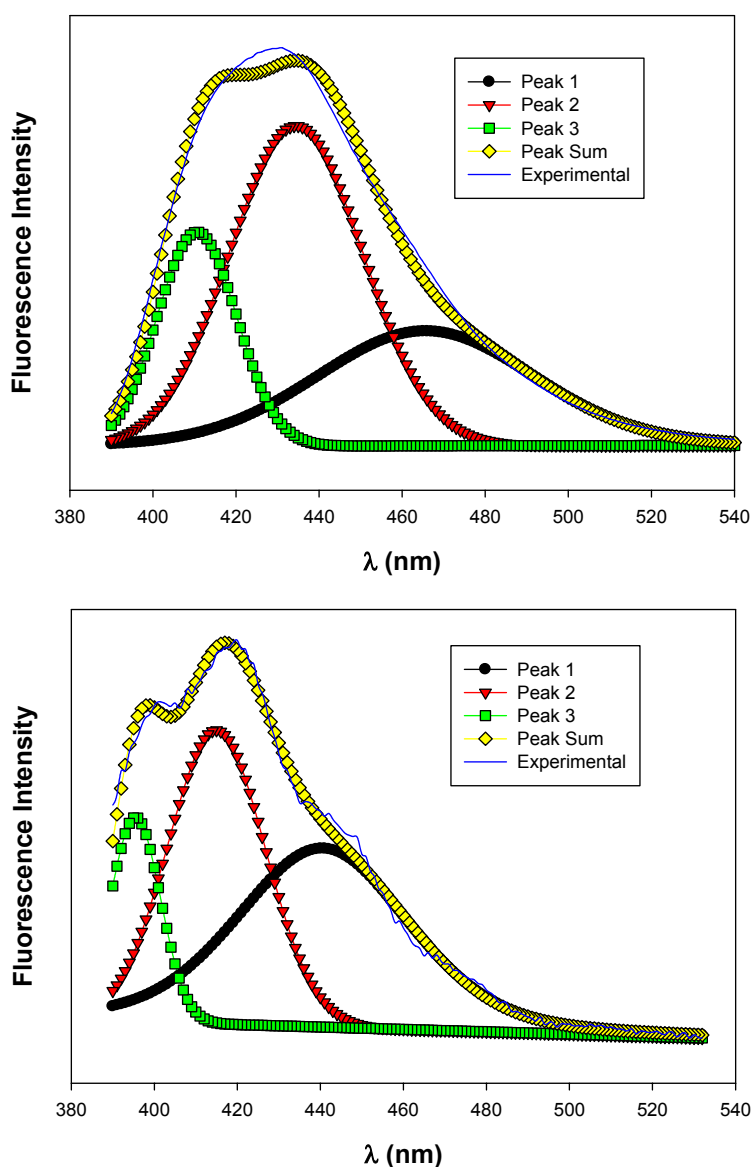


Figure S1. Deconvolution of the emission profiles of (top panel) 9-vinylanthracene and (bottom panel) Ru=VAN nanoparticles. The experimental data are the same as those shown in Figure 4.

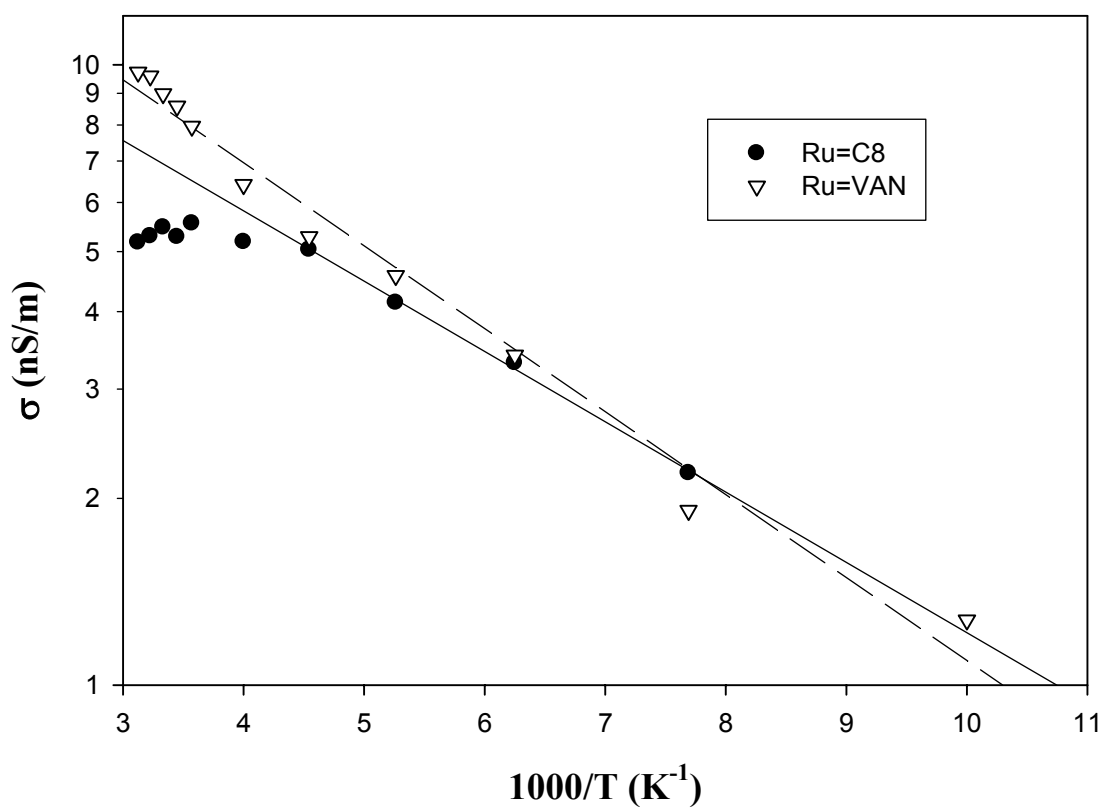


Figure S2. Arrhenius plots of the temperature dependence of the electronic conductivity of Ru=C8 and Ru=VAN nanoparticles. Symbols are the same experimental data as those shown in Figure 6 and lines are linear regressions within the temperature range of 100 to 280 K.