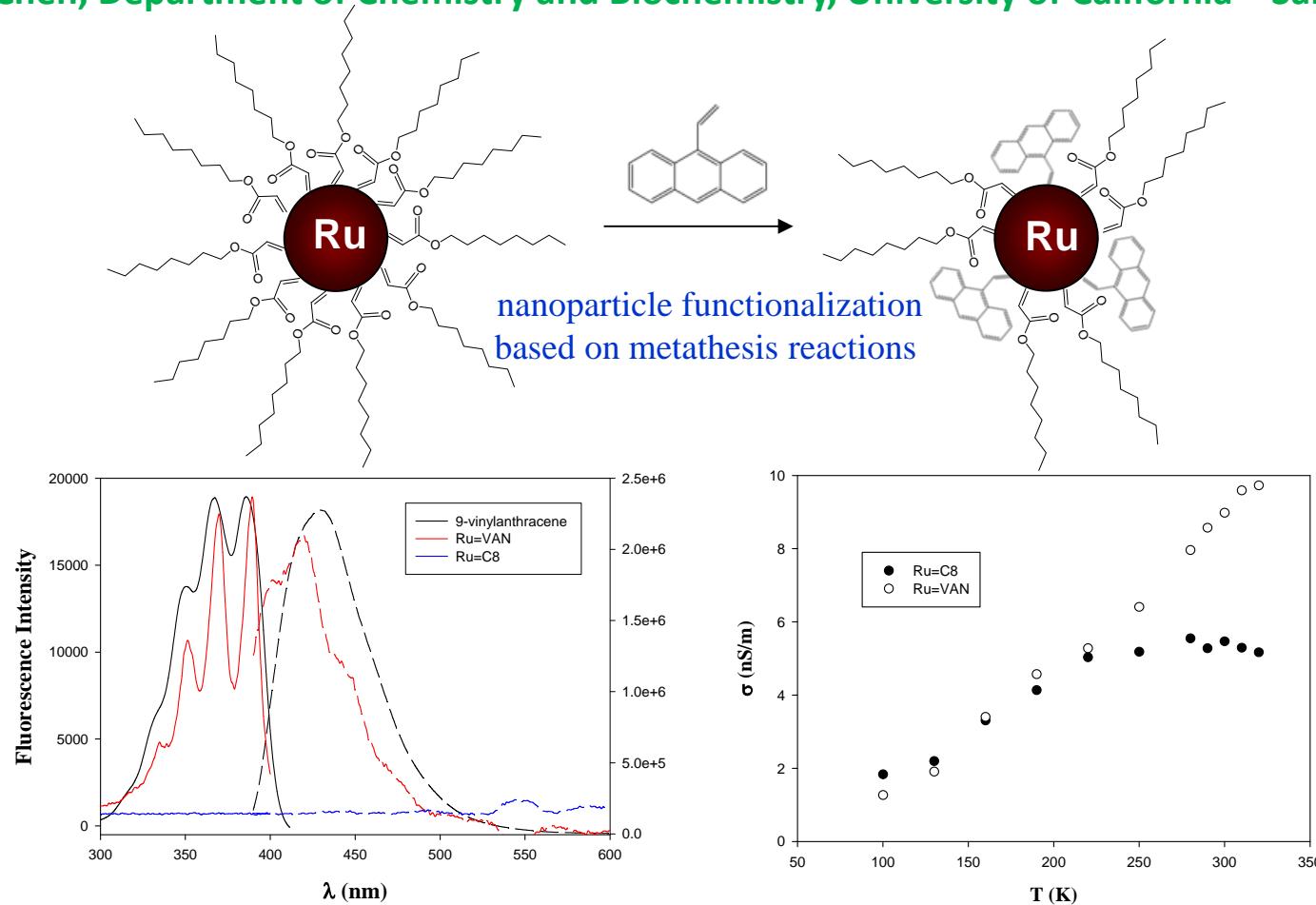


Nanoplasmonics-Based Photovoltaics

Shaowei Chen, Department of Chemistry and Biochemistry, University of California – Santa Cruz



Anthryl-functionalized Ru nanoparticles (Ru=VAN) exhibit apparent differences in fluorescence (left) and electronic conductivity (right) as compared to the original carbene-stabilized nanoparticles (Ru=C8).