Development of Photofunctional Metal Complexes

K. ISHII LAB.

[Functionalization of Molecules]

Department of Materials and Environmental Science

http://www.k-ishillab.iis.u-tokyo.ac.jp

Functional Metal Complexes Chemistry

Functionalization of Molecules

The discovery and elucidation of new electronic structures are important not only for pioneering frontier science but also for developing new functions. Since metal complexes have various electronic structures, coordination chemistry is promising for designing electronic properties. We aim to create novel functions of organic–inorganic hybrid compounds in terms of coordination chemistry, photochemistry, and spin chemistry.

Chemistry of Photofunctional Molecules

Chemistry of Biofunctional Molecules