Supplementary Material (ESI) for New Journal of Chemistry

Supporting Information

Nanosized charge-transfer salts of metal phthalocyanine iodides ([MPc]I) produced by direct reaction of MPc–Silica hybrid nanoparticles with iodine

Akira Funabiki,[a] Tomoyuki Mochida,*[,a] Hiroyuki Hasegawa,[b,c] Kunihiro Ichimura,[d] and Seiji Kimura[e]

[a]*Kobe University,* [b]*Kobe Advanced ICT Research Center, National Institute of Information and Communications Technology,* [c]*PRESTO,* [d]*Toho University,* [e]*The University of Electro-Communications*

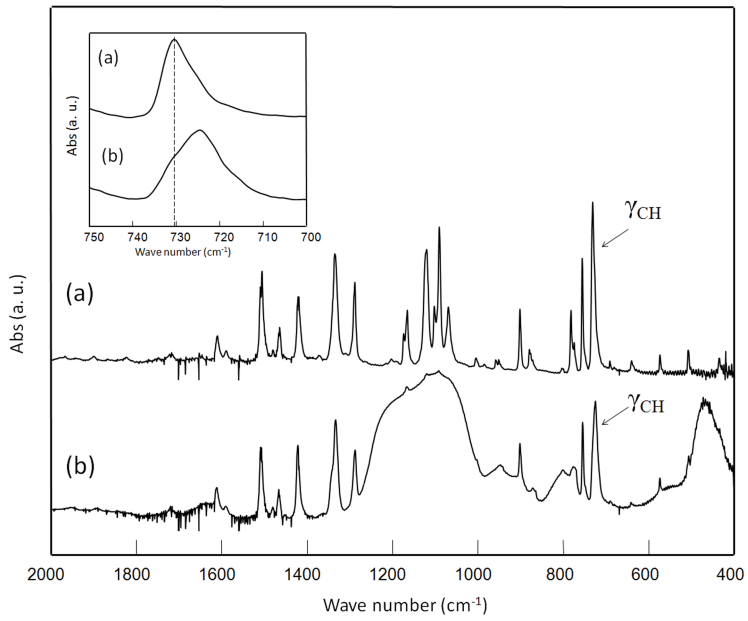

Figure S1. FTIR spectra of (a) CuPc bulk powder and (b) CuPc–silica hybrid nanoparticles.

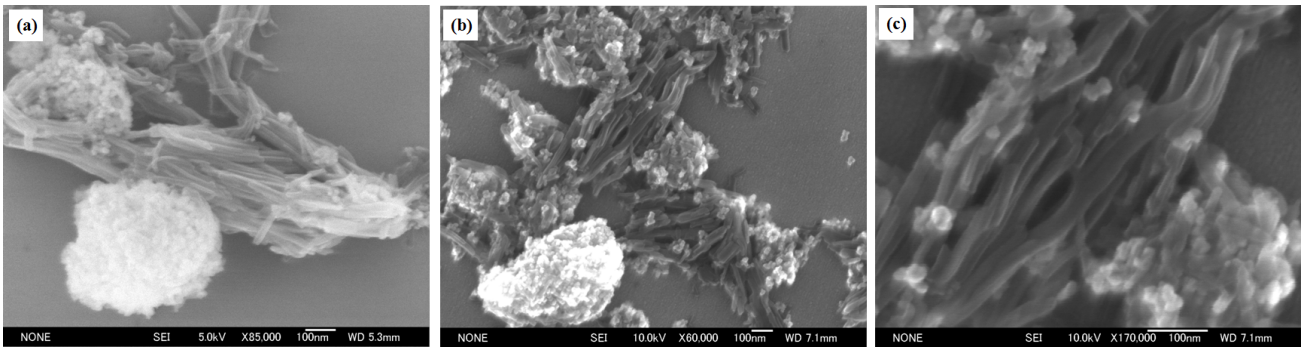

Figure S2. SEM images of [CuPc]I-silica nanocomposites prepared under (a) dry and (b, c) wet conditions.

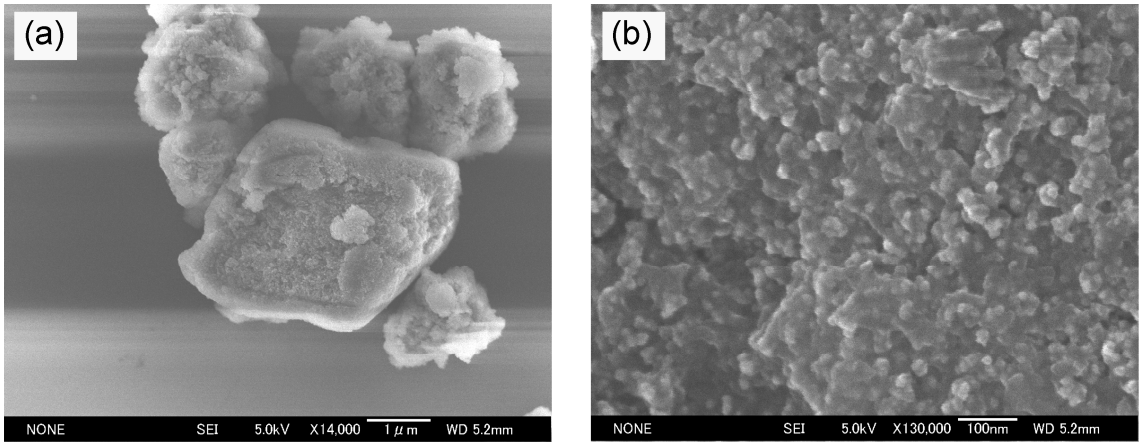

Figure S3. SEM images of CuPc–silica hybrid nanoparticles before reaction with iodine.

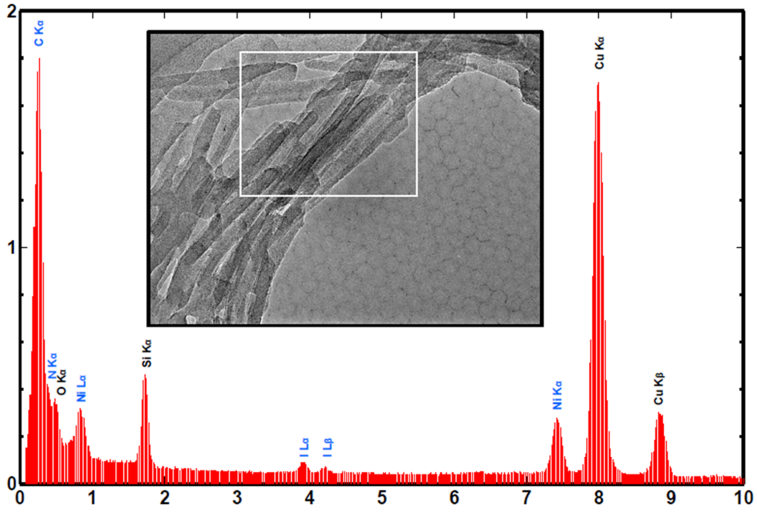

Figure S4. A TEM image and an EDX spectrum of the [NiPc]I nanorods in the composite prepared under dry conditions. The spectrum was obtained from the framed part in the TEM image.

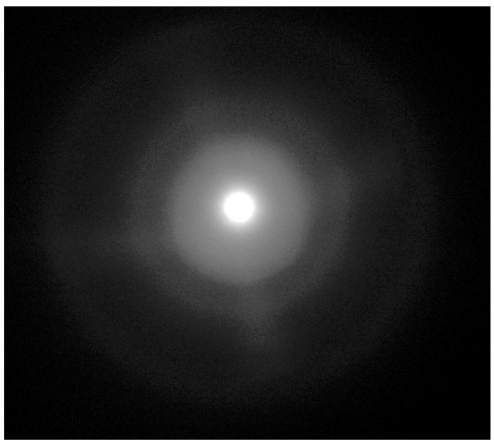

Figure S5. An electron diffraction pattern of [NiPc]I nanorods obtained under dry conditions.