Electronic Supplementary Material (ESI) for Physical Chemistry Chemical Physics

ELECTRONIC SUPPLEMENTARY INFORMATION

Can we control the electronic energy transfer in molecular dyads through metal nanoparticles?
A QM/Continuum investigation

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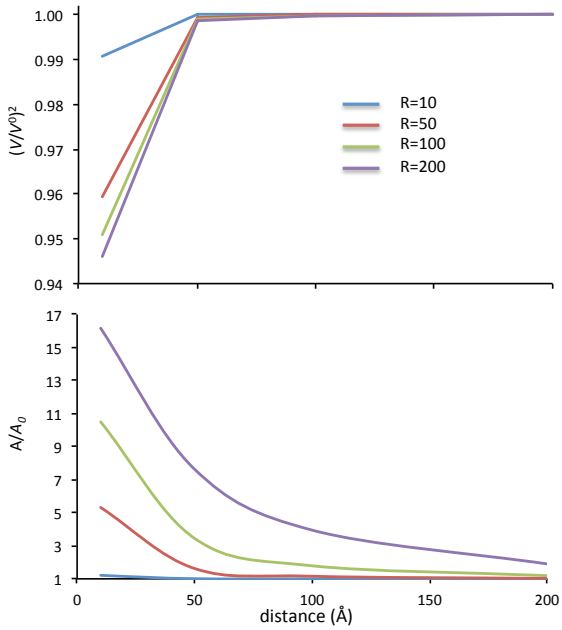

Fig. S1. Dependence of the squared coupling ratio (a) and the absorption ratio (b) on the dimer-AuNP distance for the 1L set-up in water. NP radii from 10 to 200 Å have been explored.

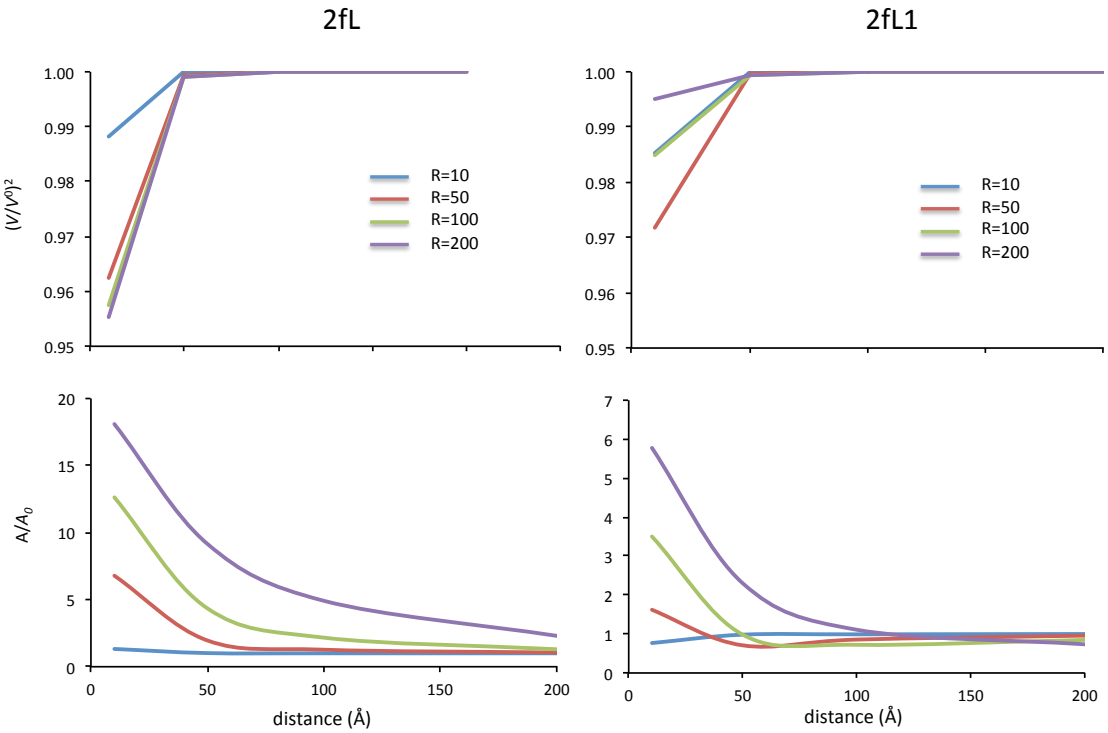

Fig. S2. Dependence of the squared coupling ratio (a) and the absorption ratio (b) on the dimer-AuNP distance for the 2fL (left) and 2fL1 (right) set-ups in gas-phase. Sphere's radii from 10 to 200 Å have been explored.

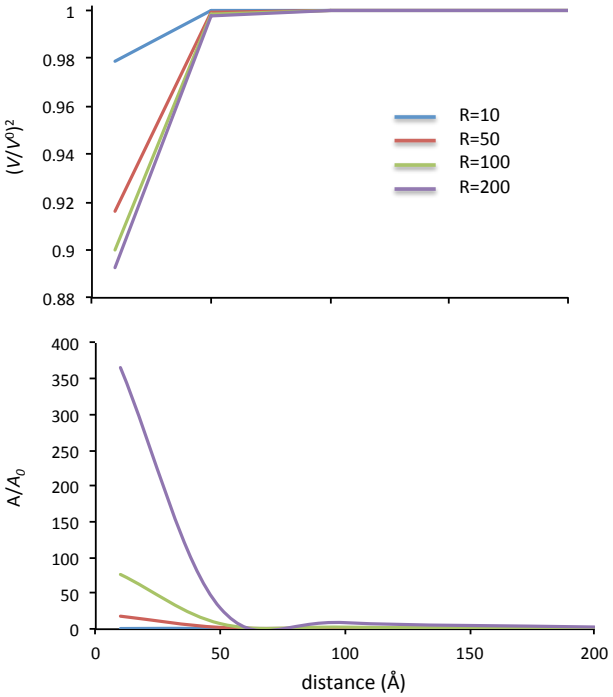

Fig. S3. Dependence of the squared coupling ratio (a) and the absorption ratio (b) on the dimer-AuNP distance for the 2L set-up in gas-phase. Sphere's radii from 10 to 200 Å have been explored.