





Pressure Effects with Incorporated Particle Size Dependency in Graphene Oxide Layers through Observing Spin Crossover Temperature

Hikaru Kitayama ¹, Ryohei Akiyoshi ¹, Masaaki Nakamura ¹ and Shinya Hayami ^{1,2,*}

- ¹ Department of Chemistry, Graduate School of Science and Technology, Kumamoto University, 2-39-1 Kurokami, Chuo-ku, Kumamoto 860-8555 Japan; 179d8024@kumamoto-u.ac.jp (H.K.); 187d9041@kumamoto-u.ac.jp (R.A.); m_nakamura@kumamoto-u.ac.jp (M.N.)
- ² Institute of Pulsed Power Science (IPPS), Kumamoto University, 2-39-1 Kurokami, Chuo-ku, Kumamoto, 860-8555, Japan
- * Correspondence: hayami@kumamoto-u.ac.jp; Tel.: +81-096-342-3469



Figure S1. I-V curves for 1 (blue) and (b) 2 (red).



Figure S2. SEM image of [Fe(Htrz)2(trz)](BF4) NRs.



Figure S3. FT-IR spectra for [Fe(Htrz)₂(trz)](BF₄) NRs, **1** and **2**.



Figure S4. $\chi_m T$ vs T plot for [Fe(Htrz)₂(trz)](BF₄) NRs (heating: (\blacktriangle), cooling: (\bigtriangledown)).



Figure S5. $\chi_{g}T$ vs *T* plots for (a) **1** and (b) **2** (heating: (\blacktriangle), cooling: (\bigtriangledown)).