

Supporting Information

Deep Eutectic Solvent-Assisted Hydrothermal Synthesis of Chitosan-Based Nanohybrid Films Functionalized with Silver-Decorated Tungsten Oxide

Shephrah Olubusola Ogungbesan,^{*a} Oluwaseun Hanah Anselm,^b Eduardo Buxaderas,^c Yanina Moglie,^c César Saldías,^d Mulenga Kalulu,^a Rosemary Anwuli Adedokun,^e Enock Olugbenga Dare,^f Michael Olawale Daramola,^g David Díaz Díaz^{*h,i} and Guodong Fu^{*a}

^aSchool of Chemistry and Chemical Engineering, Southeast University, 2 Southeast University Road, 211189 Nanjing, P. R. China. ^bCollege of Science and Information Technology, Tai Solarin University of Education, PMB 2118, Ijebu-Ode, Ogun State, Nigeria. ^cInstituto de Química del Sur, INQUISUR (CONICET-UNS), Departamento de Química, Universidad Nacional del Sur, Avda. Alem 1253, 8000 Bahía Blanca, Argentina. ^dDepartamento de Química Física, Facultad de Química y de Farmacia, Pontificia Universidad Católica de Chile, Chile. ^eDepartment of Chemistry, Chrisland University Abeokuta, KM 3, Ajebo Road after FMC, 23409 Abeokuta, Nigeria. ^fCollege of Physical Sciences, Federal University of Agriculture Abeokuta, PMB 2240, Alabata Road, Abeokuta, Ogun State, Nigeria. ^gSustainable Energy and Environment Research Group (SEERG), Department of Chemical Engineering, University of Pretoria, Hatfield 0028, Pretoria, South Africa. ^hAFM-NANO, Instituto Universitario de Bio-Orgánica Antonio González (IUBO-AG), Universidad de La Laguna, Avda. Astrofísico Francisco Sánchez 2, La Laguna 38206, Spain. ⁱDepartamento de Química Orgánica, Universidad de La Laguna, Avda. Astrofísico Francisco Sánchez 3, La Laguna 38206, Spain.

E- mail: 233189910@seu.edu.cn, fu7352@seu.edu.cn, dddiazdiaz@ull.edu.es

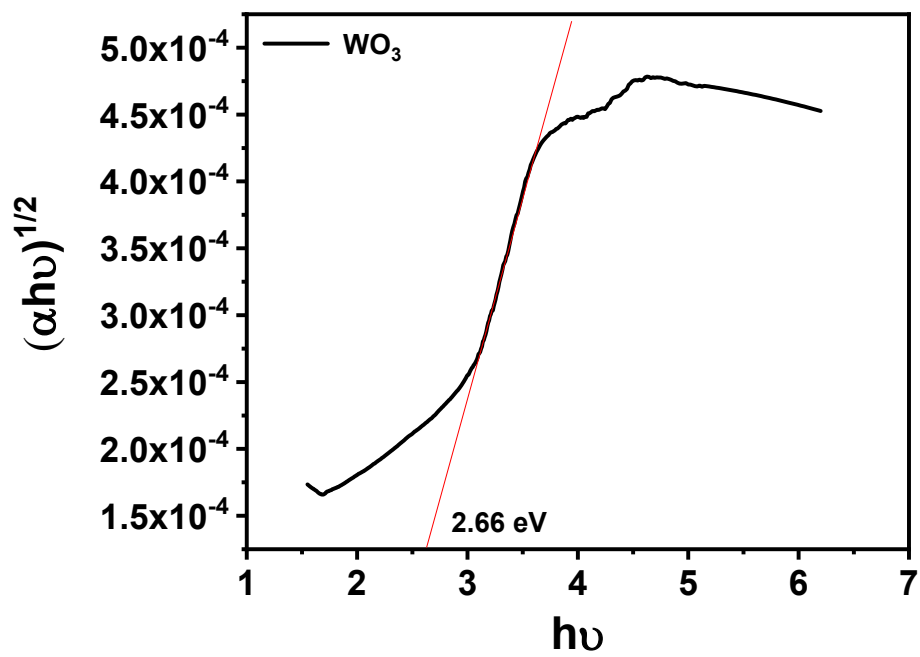


Fig. S1. Tauc band gap plot of WO_3 .