Supplementary Materials: Plasma Treating Mixed Metal Oxides to Improve Oxidative Performance via Defect Generation

Jonathan Horlyck¹, Alimatun Nashira¹, Emma Lovell¹, Rahman Daiyan¹, Nicholas Bedford¹, Yuexing Wei², Rose Amal¹, and Jason Scott¹,*

¹ School of Chemical Engineering, the University of New South Wales, Sydney, NSW 2052, Australia
² School of Energy and Environment, Southeast University, Nanjing 210096, China
* Correspondence: jason.scott@unsw.edu.au
Received: 1 August 2019; Accepted: 26 August 2019; Published: 27 August 2019

Figure S1. Nitrogen adsorption-desorption isotherms of FSP-prepared SiTi before and after hydrogenation.

Figure S2. Pore size distributions of FSP-prepared SiTi before and after hydrogenation.
Figure S3. UV-Visible spectra of FSP-prepared SiTi before and after hydrogenation, measured using a BaSO₄ reference.

Figure S4. XRD reflections for FSP-synthesised SiTi before and after hydrogenation. Anatase (A) and Rutile (R) phases marked.