Cite this: DOI: 10.1039/c0xx00000x

www.rsc.org/xxxxxx

Supplementary Information

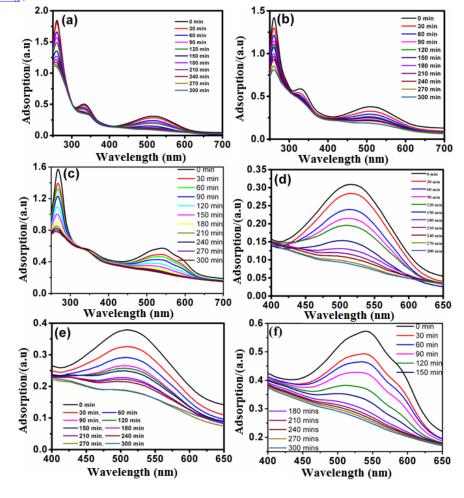
Reduced recombination and enhanced UV-assisted photocatalysis by highly anisotropic titanates from electrospun TiO2-SiO2 nanostructures

VeluruJagadeeshBabua*, Sesha Vempatia, and Seeram Ramakrishnab,c*

Received (in XXX, XXX) Xth XXXXXXXXX 20XX, Accepted Xth XXXXXXXX 20XX 5 DOI: 10.1039/b000000x

^aUNAM-National Nanotechnology Research Center, Bilkent University, Ankara-06800, Turkey. Tel: +90 312 290 3584. Fax: +90 312 266 4365; e-mail: babu@unam.bilkent.edu.tr,

Department of Mechanical Engineering, Faculty of Engineering, National University of Singapore, Singapore-117576. e-mail:<u>seeram@nus.edu.sg</u>;



SI-1: Photocatalysis for (a) sponge (b) thorns (c) the sample calcined at 700 °C(d) The peak at 515 nm for sponge shape 15 and (e) The peak at 515 nm for thorn shape and (f) The peak observed at 530 nm.

bNUS Center for Nanofibers and Nanotechnology, NUS Nanoscience and nanotechnology Initiative (NUSNNI), National University of Singapore,