Electronic Supplementary Material (ESI) for RSC Advances.

Supplementary material

Synergistic effect of Ni-Ag-rutile TiO_2 ternary nanocomposite for efficient visible-light-driven photocatalytic activity

Petri M. Leukkunen[1], Ekta Rani[1]*, Assa Aravindh Sasikala Devi[1], Harishchandra Singh[1], Graham King[2], Matti Alatalo[1], Wei Cao[1], and Marko Huttula[1,3]

[1]Nano and Molecular Systems Research Unit, University of Oulu, FIN-90014, Finland
[2]Canadian Light Source, 44 Innovation Blvd., Saskatoon, Saskatchewan S7N 2V3, Canada
[3]School of Materials Science and Engineering, Henan University of Science and Technology, Luoyang 471023, Henan, China

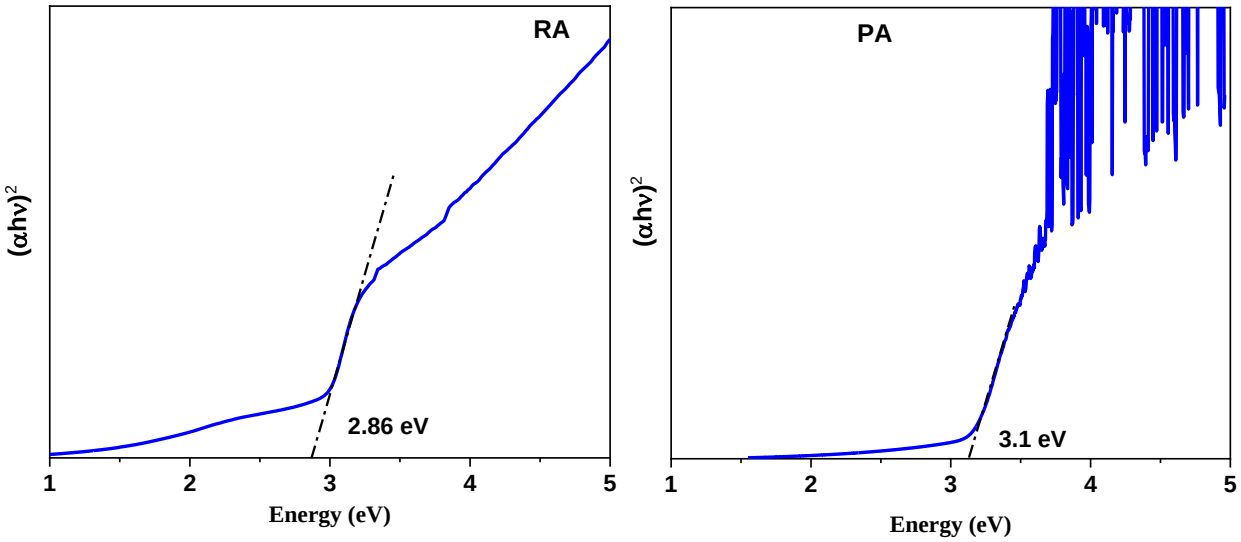

Fig. S1: $(ahv)^2$ vs. hv for Ag-$RTiO_2$ (RA) and Ag-P25 (PA).

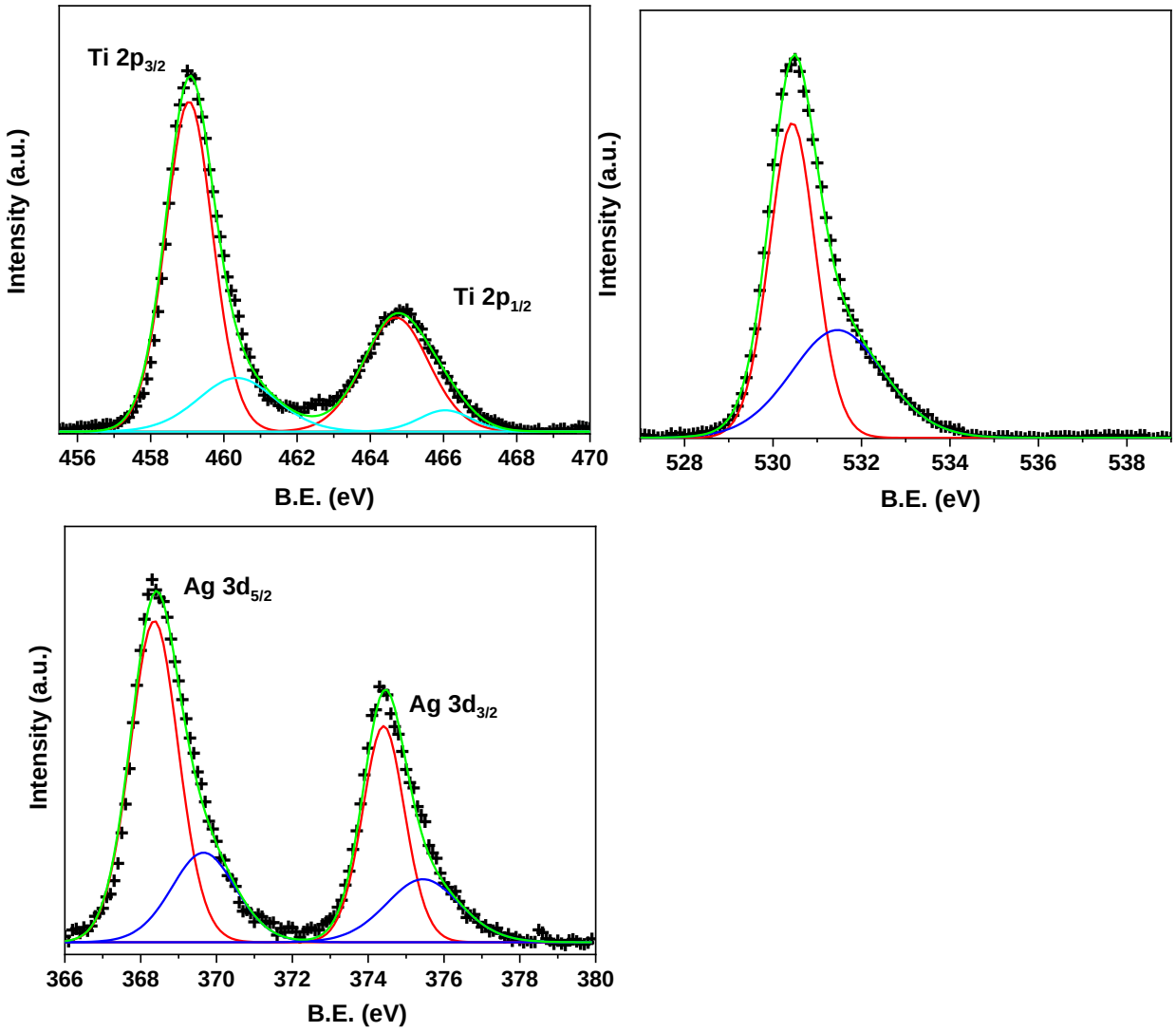

Fig. S2: High-resolution XPS spectra of RA (Ti 2p, O 1s, Ag 3d).