Light-driven carbon dioxide reduction on the Ag-decorated modified zeolite TS-1

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Table S1. The total pore volume, specific surface, pore size parameters and Ti, Cu and Ag contents of the as-obtained Cu-TS-1 and Ag/Cu-TS-1 samples.

Samples	V_{total}/[cm^{3}g^{-1}]	S_{total}/[m^{2}g^{-1}]	D_{pore}/[nm]	Ti/[at. %]	Cu/[at. %]	Ag/[at. %]
Cu-TS-1	0.21	379	1.6, 3.8	2.10	0.49	-
Ag/Cu-TS-1	0.20	377	1.5, 3.8	1.61	0.41	0.24

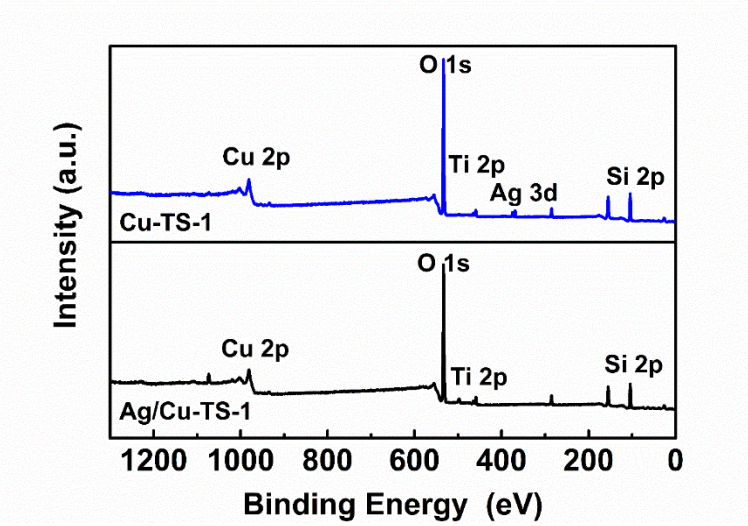

Figure S1. The X-ray photoelectron spectroscopy (XPS) spectra of the Cu-TS-1 and Ag/Cu-TS-1 samples

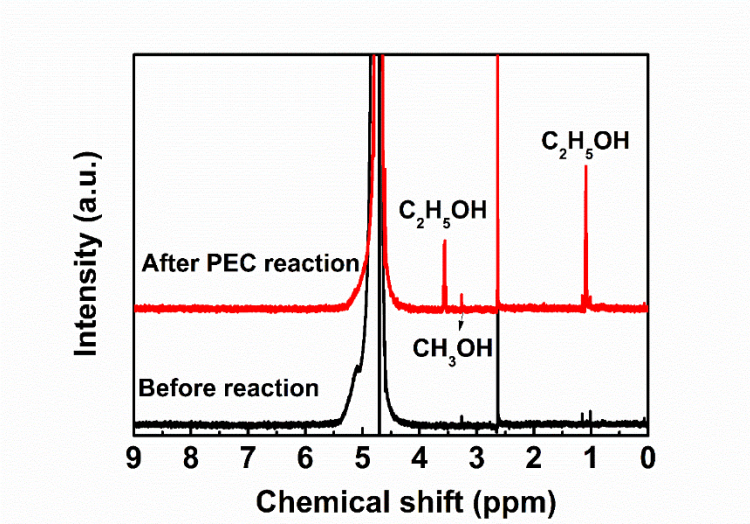

Figure S2. H-NMR spectra of Ag/Cu-TS-1 before and after photoelectrochemical (PEC) CO_2 reduction

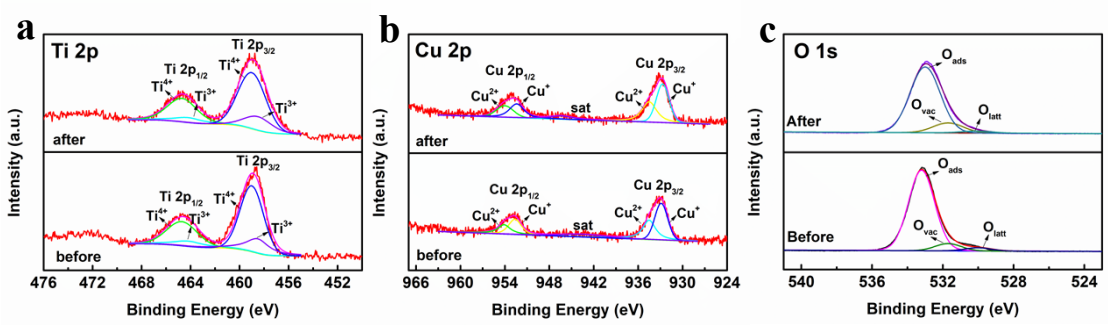

Figure S3. The X-ray photoelectron spectroscopy (XPS) spectra of the Ag/Cu-TS-1 sample before and after photoelectrocatalytic reaction