Electronic Supplementary Material (ESI) for Inorganic Chemistry Frontiers. This journal is © the Partner Organisations 2019

Supplementary Information

Double perovskite compounds A_2CuWO_6 (A = Sr and Ba) with p-type semiconductivity for photocatalytic water oxidation under visible light illumination

Erbing Huaa,bt, Shu Jinat, Shuang Nic and Xiaoxiang Xua,b*

- ^{a.}Clinical and Central Lab, Putuo People's Hospital, Tongji University, 1291 Jiangning Road, Shanghai, 200060, China
- b. Shanghai Key Lab of Chemical Assessment and Sustainability, School of Chemical Science and Engineering, Tongji University, 1239 Siping Road, Shanghai, 200092, China, Email: xxxu@tongji.edu.cn, telephone: +86-21-65986919
- ^c.Science and Technology on Plasma Physics Laboratory, Laser Fusion Research Center, China Academy of Engineering Physics, Mianyang 621900, China

[‡] These authors contribute equally.

^{*} Corresponding authors

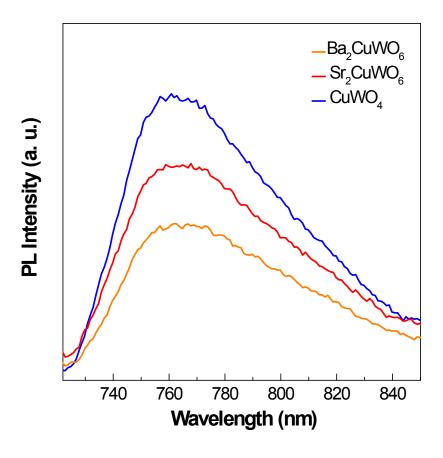


Figure S1. PL spectra of $CuWO_4$, Sr_2CuWO_6 and Ba_2CuWO_6 with 465 nm laser light source.