

# Photocatalysts

Photocatalytic H<sub>2</sub>O Splitting and CO<sub>2</sub> Reduction; KCaSrTa<sub>5</sub>O<sub>15</sub> Nanorod

Selected Paper

doi:10.1246/bcsj.20140350

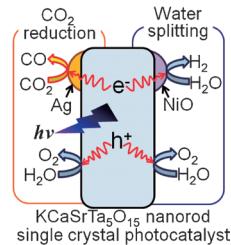


## Photocatalytic Water Splitting and CO<sub>2</sub> Reduction over KCaSrTa<sub>5</sub>O<sub>15</sub> Nanorod Prepared by a Polymerized Complex Method

A. Kudo

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Bull. Chem. Soc. Jpn. 2015, 88, 538-543



Ag-loaded SrO-modified Ta<sub>2</sub>O<sub>5</sub>; Photocatalytic CO<sub>2</sub> Conversion

Selected Paper

doi:10.1246/bcsj.20140385

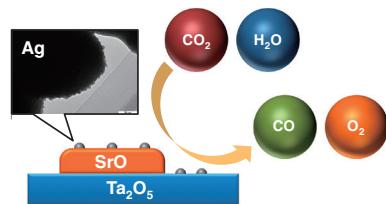


## Photocatalytic Conversion of CO<sub>2</sub> by H<sub>2</sub>O over Ag-Loaded SrO-Modified Ta<sub>2</sub>O<sub>5</sub>

K. Teramura

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Bull. Chem. Soc. Jpn. 2015, 88, 431-437



Layered Niobate Based Photocatalysts; Ir and Rh Complexes

Selected Paper

doi:10.1246/bcsj.20140123

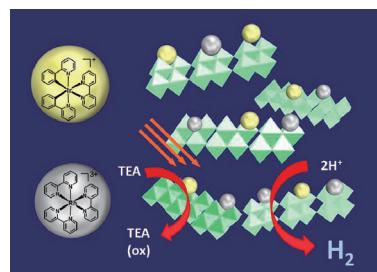


## Synthesis and Characterization of Ir and Rh Complexes Supported on Layered K<sub>4</sub>Nb<sub>6</sub>O<sub>17</sub> as a Heterogeneous Photocatalyst for Visible-Light-Induced Hydrogen Evolution

K. Mori

Masayoshi Kawashima, Kohsuke Mori,\* Junya Aoyama, and Hiromi Yamashita\*

Bull. Chem. Soc. Jpn. 2014, 87, 874-881



Photocatalytic Aromatic Ring Functionalization; Pt-loaded Ti Oxide

Highlight Review

doi:10.1246/cl.130757

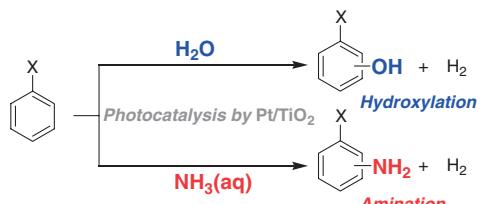


## Direct Functionalization of Aromatic Rings on Platinum-loaded Titanium Oxide Photocatalyst

H. Yoshida

Hayato Yuzawa and Hisao Yoshida\*

Chem. Lett. 2013, 42, 1336-1343



Visible Light Photocatalysis; CuO Addition to In Oxide

Editor's Choice

doi:10.1246/cl.121287



## Effects of Copper(II) Oxide Addition and Red Light Irradiation on Photocatalytic Activity of Indium Oxide under Irradiation of Visible Light

H. Kominami

Yasutomo Sasaki, Atsuhiro Tanaka, Keiji Hashimoto, and Hiroshi Kominami\*

Chem. Lett. 2013, 42, 419-421

