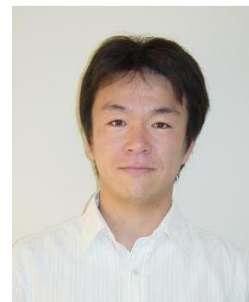


## Shintaro Ida



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### Education:

2001 B.Sc. (Kumamoto University)

2004 Ph.D. (Kumamoto University)

### Professional Experience:

2005-2009 Assistant Professor; Kumamoto University

2010- Associate Professor; Kyushu University

2009-2015 PRESTO Researcher; Japan Science and Technology Agency  
(JST), Japan Social Activities

### Selected Publications:

- 1) Ida, S., Kim, N., Ertekin, E., Takenaka, S., Ishihara, T.  
"Photocatalytic Reaction Centers in Two-dimensional Titanium Oxide Crystal"  
*Journal of the American Chemical Society*, (2015), 137 (1), 239-244
- 2) Ida, S., Koga, S., Daio, T., Hagiwara, H., Ishihara, T.  
"Direct Imaging of Light Emission Centers in Two-Dimensional Crystals and Their Luminescence and Photocatalytic Properties "  
*Angewandte Chemie, International Edition* (2014), 53(48), 13078-13082.
- 3) Ida, S., Takashiba, A., Koga, S., Hagiwara, H., Ishihara, T.  
"Potential Gradient and Photocatalytic Activity of an Ultrathin p-n Junction Surface Prepared with Two-Dimensional Semiconducting Nanocrystals"  
*Journal of the American Chemical Society* (2014), 136(5), 1872-1878.
- 4) Ida, S., Okamoto, Y., Matsuka, M., Hagiwara, H., Ishihara, T.  
"Preparation of tantalum-based oxynitride nanosheets by exfoliation of a layered oxynitride, CsCa<sub>2</sub>Ta<sub>3</sub>O<sub>10-x</sub>N<sub>y</sub>, and their photocatalytic activity"  
*Journal of the American Chemical Society* (2012), 134(38), 15773-15782.
- 5) Ida, S.; Yamada, K.; Matsunaga, T.; Hagiwara, H.; Matsumoto, Y.; Ishihara, T.  
"Preparation of p-Type CaFe<sub>2</sub>O<sub>4</sub> Photocathodes for Producing Hydrogen from Water"  
*Journal of the American Chemical Society* (2010), 132(49), 17343-17345.