



Associate Professor

TSUJI Takeshi

Room 342, Interdisciplinary Faculty of Science and Engineering 1

TEL: 0852-32-6419 (Ext. 6148)

Email: tkstsuji[at]riko.shimane-u.ac.jp

(Please change [at] to @ for email.)

Website: <http://sumire.ipc.shimane-u.ac.jp/nanomatl-physchem-lab/>

Background

- 2014-present Graduate School of Natural Science and Technology, Shimane University
- 2007-2013 Institute of Material Chemistry and Engineering, Kyusyu University
- 1996-2007 Institute of Advanced Materials, Kyusyu University
- 1990-1993 Graduate School of Engineering Sciences, Kyusyu University
- 1987-1990 Graduate School of Agriculture, Kyusyu University

Research

Nanomaterials synthesis, investigation of nanomaterials intrinsic properties, nanomaterials functionalization using laser.

Laser processing (machining) of materials

Key papers

1. T. Tsuji, M. Kaneko, M. Fujiwara, D. Atarashi, and H. Miyazaki: J. Laser Micro/Nano Eng., **14** (2019) 147.
2. T. Tsuji, S. Sakaki, H. Fujiwara, H. Kikuchi, M. Tsuji, Y. Ishikawa, and N. Koshizaki: J. Phys. Chem. C, **122** (2018) 21659.
3. T. Tsuji, M. Kikuchi, T. Kagawa, H. Adachi, and M. Tsuji: Colloids Surf., A, **529** (2017) 33.
4. T. Tsuji, Y. Higashi, M. Tsuji, Y. Ishikawa, and N. Koshizaki: Appl. Surf. Sci., **348** (2015) 10.