

Curriculum Vitae

Personal Information

Name: Nobuya Tsuji
Date of Birth: February 7th, 1989
Gender: Male
Nationality: Japanese
Address: 05-118, Kita 21 Nishi 10, Kita-ku, Sapporo,
Hokkaido, JAPAN, 001-0021
Tel: +81-11-706-9676
Fax: +81-11-706-9678
Email: tsuji@icredd.hokudai.ac.jp
Language: Japanese (mother tongue), English (fluent), German (elementary)
ORCID: 0000-0003-3226-6201



Education

2012. 03 **B. Sc.** Department of Pharmaceutical Sciences, Kyoto University,
Japan (Prof. Yoshiji Takemoto)
2014. 03 **M. Sc.** Graduate School of Pharmaceutical Science, Kyoto University,
Japan (Prof. Yoshiji Takemoto)
2018. 09 **Ph. D.** Max-Planck-Institut für Kohlenforschung, Germany (Prof.
Bejamin List)

Academic Career

2018. 10 – 2019. 02 **Postdoc** (interim), Max-Planck-Institut für Kohlenforschung, Germany
(Prof. Benjamin List)
2019. 03 – 2019. 12 **Postdoc**, Department of Chemistry, University of California, Bekeley
(Prof. Omar M. Yaghi)
2020. 01 – present **Specially Appointed Assistant Professor (Co-PI)**, Institute for
Chemical Reaction Design and Discovery (WPI-ICReDD), Hokkaido
University (Prof. Benjamin List)

Fellowship

2014. 09 – 2019. 02 Funded by International Max Planck Research Schools (IMPRS)
2019. 03 – present Uehara Memorial Foundation Postdoctoral Fellowship

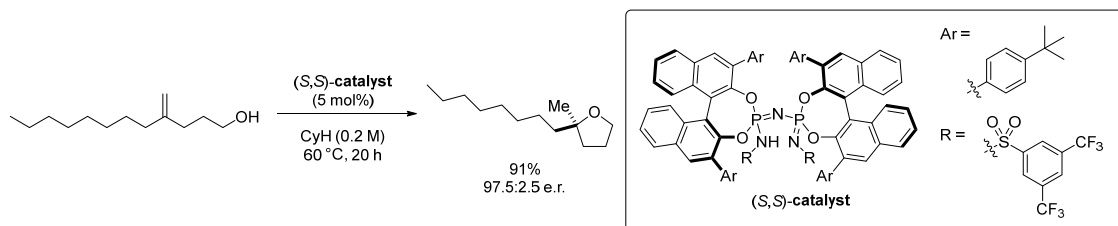
Publications

1. **Nobuya Tsuji**, Jennifer L. Kennemur, Thomas Buyck, Sunggi Lee, Sébastien Prévost, Philip S. J. Kaib, Dmytro Bykov, Christophe Farès and Benjamin List

“Activation of olefins via asymmetric Brønsted acid catalysis”

Science, 359, 1501–1505 (2018).

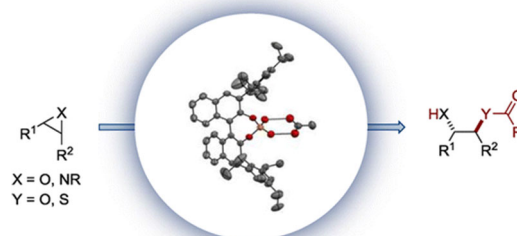
Highlighted on *ACS Chemical & Engineering News*



2. Mattia Riccardo Monaco, Daniele Fazzi, **Nobuya Tsuji**, Marcus Leutzsch, Saihu Liao, Walter Thiel and Benjamin List

“Self-Assembly Asymmetric Organocatalysis: A Combined Experimental and Computational Investigation”

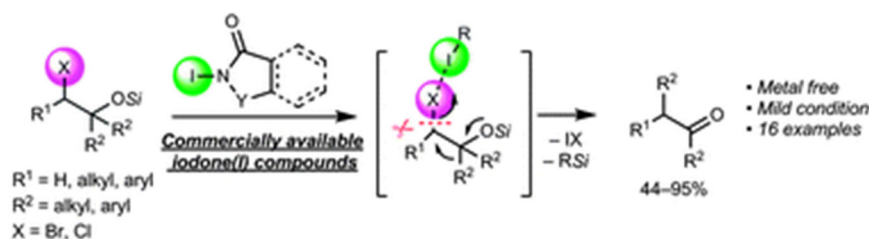
J. Am. Chem. Soc., 138, 14740–14749 (2016).



3. Masato Saito, **Nobuya Tsuji**, Yusuke Kobayashi and Yoshiji Takemoto
 “Direct Dehydroxylative Coupling Reaction of Alcohols with Organosilanes through Si–X Bond Activation by Halogen Bonding”
Org. Lett., 17, 3000–3003 (2015).



4. **Nobuya Tsuji**, Yusuke Kobayashi and Yoshiji Takemoto
 “Electrophilic iodine(I) compounds induced semipinacol rearrangement via C–X bond cleavage”
Chem. Commun., 50, 13691–13694 (2014).



5. **Nobuya Tsuji**, Yusuke Kobayashi and Yoshiji Takemoto
 “Catalytic asymmetric synthesis of the pentacyclic core of (–)-Nakadomarin A via oxazolidine as an iminium cation equivalent”
Org. Biomol. Chem., 12, 7919–7922 (2014).

This article is a part of 2014 Hot Articles in Organic and Biomolecular Chemistry.



Presentations

1. “Activation of Olefins via Asymmetric Brønsted Acid Catalysis”
Nobuya Tsuji, Jennifer L. Kennemur, Thomas Buyck, Sunggi Lee, Sébastien Prévost, Philip S. J. Kaib, Dmytro Bykov, Christophe Farès and Benjamin List
The 14th International Kyoto Conference on New Aspects of Organic Chemistry
(November 2018; Kyoto, Japan)
2. “Activation of Olefins via Asymmetric Brønsted Acid Catalysis”
Nobuya Tsuji, Jennifer L. Kennemur, Thomas Buyck, Sunggi Lee, Sébastien Prévost, Philip S. J. Kaib, Dmytro Bykov, Christophe Farès and Benjamin List
16th Belgian Organic Synthesis Symposium (July 2018; Brussels, Belgium)
3. “Activation of Olefins via Asymmetric Brønsted Acid Catalysis”
Nobuya Tsuji, Jennifer L. Kennemur, Thomas Buyck, Sunggi Lee, Sébastien Prévost, Philip S. J. Kaib, Dmytro Bykov, Christophe Farès and Benjamin List
The 9th Münster Symposium on Cooperative Effects in Chemistry (March 2018; Münster, Germany)
4. “Synthetic studies toward (-)-Nakadomarin A”
Nobuya Tsuji, Michael Stadler, Naoya Kazumi, Yusuke Kobayashi, Yoshiji Takemoto
42nd Congress of Heterocyclic Chemistry (October, 2012; Kyoto, Japan)
5. “Synthetic studies toward (-)-Nakadomarin A”
Nobuya Tsuji, Michael Stadler, Naoya Kazumi, Yusuke Kobayashi, Yoshiji Takemoto
Symposium of Natural Product Chemistry (July, 2012; Kumamoto, Japan)

References

1. Prof. Dr. Benjamin List

Director of Max-Planck-Institut für Kohlenforschung
Kaiser-Wilhelm-Platz 1, D-45470, Mülheim an der Ruhr, Germany
Phone: +49(0)208/306-2410
Fax: +49(0)208/306-2999
e-mail: list@kofo.mpg.de

2. Prof. Dr. Omar M. Yaghi

James and Neeltje Tretter Chair
Professor of Chemistry, UC Berkeley
602 Latimer Hall, Berkeley, CA 94720, United States
Phone: +1(510)643-5507
e-mail: yaghi@berkeley.edu

3. Prof. Dr. Yoshiji Takemoto

Professor of Department of Pharmaceutical Sciences, Kyoto University
Yoshida, Sakyo-ku, Kyoto 606-8304, Japan
Phone: +81(0)75-753-4528
e-mail: takemoto@pharm.kyoto-u.ac.jp