

## Publication List of Takayuki NAKAMURO

### Original publications:

1. Tomoya Miura, Kentaro Hiraga, Tsuneaki Biyajima, Takayuki Nakamuro, and Masahiro Murakami  
Regiocontrolled Synthesis of Polysubstituted Pyrroles Starting from Terminal Alkynes, Sulfonyl Azides, and Allenes  
*Organic Letters* (American Chemical Society), *15*, 3298-3301, **2013**; DOI: 10.1021/ol401340u  
**Highlighted in *Organic Chemistry Portal*.**
2. Tomoya Miura, Takayuki Nakamuro, Kentaro Hiraga, and Masahiro Murakami  
The stereoselective synthesis of  $\alpha$ -amino aldols starting from terminal alkynes  
*Chemical Communications* (Royal Society of Chemistry), *50*, 10474-10477, **2014**;  
DOI: 10.1039/C4CC04786A  
**Highlighted in *Synfacts*, 2014, 10, 1056.**
3. Tomoya Miura, Takayuki Nakamuro, Chia-Jung Liang, and Masahiro Murakami  
Synthesis of *trans*-Cycloalkenes via Enantioselective Cyclopropanation and Skeletal Rearrangement  
*Journal of the American Chemical Society* (American Chemical Society), *136*, 15905-15908, **2014**;  
DOI: 10.1021/ja5096045
4. Tomoya Miura, Takayuki Nakamuro, Tsuneaki Biyajima, and Masahiro Murakami  
Synthesis of  $\alpha,\beta,\gamma,\delta$ -Unsaturated Imines from *N*-Sulfonyl-1,2,3-triazoles and Allenes through Rhodium-Catalyzed Cyclopropanation and Thermal Rearrangement  
*Chemistry Letters* (The Chemical Society of Japan), *44*, 700-702, **2015**; DOI: 10.1246/cl.150080
5. Tomoya Miura, Takayuki Nakamuro, Sho Miyakawa, and Masahiro Murakami  
A *syn*-selective Aza-aldol Reaction of Boron Aza-enolates Generated from *N*-Sulfonyl-1,2,3-triazoles and 9-BBN-H  
*Angewandte Chemie International Edition* (Wiley), *55*, 8732-8735, **2016**;  
DOI:10.1002/anie.201603270
6. Tomoya Miura, Takayuki Nakamuro, Hiroki Nikishima, and Masahiro Murakami  
Asymmetric Synthesis of Cyclopropylmethanamines by Rhodium-Catalyzed Cyclopropanation of Pinacol Allylboronate with *N*-Sulfonyl-1,2,3-triazoles  
*Chemistry Letters* (The Chemical Society of Japan), *45*, 1003-1005, **2016**; DOI:10.1246/cl.160465  
**Selected as an *Editor's Choice***
7. Nicholas J. Race, Cristiane S. Schwalm, Takayuki Nakamuro, and Matthew S. Sigman  
Palladium-Catalyzed Enantioselective Intermolecular Coupling of Phenols and Allylic Alcohols

*Journal of the American Chemical Society* (American Chemical Society), *138*, 15881-15884, **2016**;

DOI: 10.1021/jacs.6b11486

**Highlighted in *C&EN*, 2016, 94, 11.**

**Highlighted in *Synfacts*, 2017, 13, 279.**

8. Tomoya Miura, Takayuki Nakamuro, Scott G. Stewart, Yuuya Nagata, and Masahiro Murakami  
Synthesis of Enantiopure  $C_3$ -Symmetric Triangular Molecules  
*Angewandte Chemie International Edition* (Wiley), *56*, 3334-3338, **2017**;  
DOI: 10.1002/anie.201612585
9. Takayuki Nakamuro, Kohei Hagiwara, Tomoya Miura, and Masahiro Murakami  
Enantioselective Dinitrogenative Annulation of 1*H*-Tetrazoles with Styrenes Catalyzed by Rhodium  
*Angewandte Chemie International Edition* (Wiley), *57*, 5497-5500, **2018**;  
DOI:10.1002/anie.201801283