List of Publications

October 7, 2021

Selected Original Papers

1) Construction of Tricyclic Nitrogen Heterocycles by Gold(I)-Catalyzed Cascade Cyclization of Allenynes and Its Application to Polycyclic π-Electron Systems, Komatsu, H.; Ikeuchi, T.; Tsuno, H.; Arichi, N.; Yasui, K.; Oishi, S.; Inuki, S.; Fukazawa, A.*; Ohno, H.* *Angew. Chem. Int. Ed*., in press.

2) Access to Indole-Fused Benzannulated Medium-Sized Rings through Gold(I)-Catalyzed Cascade Cyclization of Azido-Alkynes, Greiner, L. C.; Inuki, S.; Arichi, N.; Oishi, S.; Suzuki, R.; Iwai, T.; Sawamura, M.; Hashmi, A. S. K.; Ohno, H.* *Chem. Eur. J*. **2021**, *27*, 12992–12997.

3) The Effects of 5-OP-RU Stereochemistry on Its Stability and MAIT‐MR1 Axis, Matsuoka, T.; Motozono, C.; Hattori, A.; Kakeya, H.; Yamasaki, S.; Oishi, S.; Ohno H.*; Inuki, S.* *ChemBioChem* **2021**, *22*, 672–678.

4) Identification of a Novel Indoleamine 2,3-Dioxygenase Inhibitor Bearing an Eight-Membered Ring Fused Indole Scaffold and Its Structure Activity Relationship, Yamaguchi, A.; Inuki, S.*; Ohta, K.; Oishi, S.; Asai, A.; Ohno, H.* *Heterocycles* **2021**, *103*, 331–335 (Special issue).

5) Total Synthesis of Zephycarinatines via Photocatalytic Reductive Radical *ipso*-Cyclization, Takeuchi, H.; Inuki, S.*; Nakagawa, K.; Kawabe, T.; Ichimura, A.; Oishi, S.; Ohno, H.* *Angew. Chem*. **2020**, *132*, 21396–21401; *Angew. Chem., Int. Ed*. **2020**, *59*, 21210–21215.

6) Total Synthesis of (+)-Polyoxamic Acid via Visible-Light-Mediated Photocatalytic β-Scission and 1,5-Hydrogen Atom Transfer of Glucose Derivative, Matsuoka, T.; Inuki, S.*; Miyagawa, T.; Oishi, S.; Ohno, H.* *J. Org. Chem*. **2020**, *85*, 8271–8278.

7) Total Synthesis of Dictyodendrins A–F by the Gold-Catalyzed Cascade Cyclization of Conjugated Diyne with Pyrrole, Matsuoka, J.; Inuki, S.; Matsuda, Y.; Miyamoto, Y.; Otani, M.; Oka, M.; Oishi, S.; Ohno, H.* *Chem. Eur. J*. **2020**, *26*, 11150–11157.

8) Gold(I)-Catalyzed Cascade Cyclization of Anilines with Diynes: Controllable Formation of Eight-Membered Ring-Fused Indoles and Propellane-Type Indolines, Yamaguchi, A.; Inuki, S.*; Tokimizu, Y.; Oishi, S.; Ohno, H.* *J. Org. Chem*. **2020**, *85*, 2543–2559.

9) Construction of the Pyrrolo[2,3-*d*]carbazole Core of Spiroindoline Alkaloids by Gold-Catalyzed Cascade Cyclization of Ynamide, Matsuoka, J.; Kumagai, H.; Inuki, S.; Oishi, S.; Ohno, H.* *J. Org. Chem*. **2019**, *84*, 9358–9363.

10) Construction of Quaternary Carbon Stereocenter of α-Tertiary Amine through Remote C-H Functionalization of Tris Derivatives: Enantioselective Total Synthesis of Myriocin, Miyagawa, T.; Inuki, S.*; Oishi, S.; Ohno, H.* *Org. Lett*. **2019**, *21*, 5485–5490.

11) Gold(I)-Catalyzed Cascade Cyclization Reactions of Allenynes for the Synthesis of Fused Cyclopropanes and Acenaphthenes. Ikeuchi, T.; Inuki, S.; Oishi, S.; Ohno, H.* *Angew. Chem*. **2019**, *131*, 7874–7878; *Angew. Chem., Int. Ed*. **2019**, *58*, 7792–7796.

12) Direct Synthesis of Aryl-Annulated [*c*]Carbazoles by Gold(I)-Catalysed Cascade Reaction of Azide-Diynes and Arenes. Kawada, Y.; Ohmura, S.; Kobayashi, M.; Nojo, W.; Kondo, M.; Matsuda, Y.; Matsuoka, J.; Inuki, S.; Oishi, S.; Wang, C.; Saito, T.; Uchiyama, M.*; Suzuki, T.*; Ohno, H.* *Chem. Sci*. **2018**, *9*, 8416–8425.

13) Gold(I)-Catalyzed Oxidative Cascade Cyclization of 1,4-Diyn-3-ones for the Construction of Tropone-Fused Furan Scaffolds. Hamada, N.; Yamaguchi, A.; Inuki, S.; Oishi, S.; Ohno, H.* *Org. Lett*. **2018**, *20*, 4401–4405.

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15) Synthesis of Jaspine B Regioisomers through Palladium-Catalyzed Stereoselective Tetrahydrofuran Formation: Insight into the Ligand Recognition of Sphingosine Kinases. Miyagawa, T.; Inuki, S.; Honda, M.; Nakamura, S.; Nakanishi, I.; Fujii, N.; Oishi, S.; Ohno, H.* *Tetrahedron* **2018**, *74*, 1802–1809.

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