

研究期間全年度 研究業績

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1 . 発表論文等 (査読付き論文, 著書, 総説等の発表状況)

- (1) Palladium-Catalyzed Intermolecular Addition of Formamides to Alkynes
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- (3) Copper-Catalyzed Hydrosilylation with Bowl-Shaped Phosphane as a Ligand: Preferential Reduction of a Bulky Ketone in the Presence of an Aldehyde without Protection
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- (8) Ruthenium-catalyzed Ring-closing Metathesis Accelerated by Long-range Steric Effect
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- (34) Iron Oxide Catalyzed Reduction of Acid Chlorides to Aldehydes with Hydrosilanes
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2 . 学会発表等（国内外の招待講演および国際会議での発表状況）

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- (19) Long-range Steric Effect in Homogeneous Nanosize Catalysis (Invite), Tsuji, Y., 1st International Conference on Emerging Advanced Nanomaterials, Brisbane, Australia, October 24, 2012 (口頭発表)
- (20) Transition-metal Catalyzed Carboxylation Employing Carbon Dioxide (Invited), Tsuji, Y., The 7th International Conference on Cutting-edge Organic Chemistry in Asia, December 12, 2012, Nanyang Technological University, Singapore (口頭発表)
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3 . 特許

4 . 学会・シンポジウム等の開催状況

5 . 受賞等

- (1) 藤原哲晶 (助教)
有機合成化学協会奨励賞 , 2010
- (2) 岩井智弘 (博士 3 年)
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- (3) 辻 康之
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6 . 新聞報道等

7 . 国民との科学・技術対話

8 . 領域内の共同研究の準備・実施状況とその成果

- (1) 共同研究先：北海大学，鈴木研究室（A03 班，計画班員）
 1. Electrochromic and Unique Chiroptical Properties of Helically Deformed Tetraarylquinodimethanes Generated from Less Hindered Dicationic Precursors upon Reduction
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