

# Takashi Nagano

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,866  
citations

331670

21  
h-index

610901

24  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1617  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Iron-Catalyzed Grignard Cross-Coupling with Alkyl Halides Possessing $\hat{\gamma}$ -Hydrogens. <i>Organic Letters</i> , 2004, 6, 1297-1299.   | 4.6  | 288       |
| 2  | Chiral Phosphine-Olefin Bidentate Ligands in Asymmetric Catalysis: Rhodium-Catalyzed Asymmetric 1,4-Addition of Aryl Boronic Acids to Maleimides. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4611-4614.  | 13.8 | 241       |
| 3  | Iron-Catalyzed Oxidative Homo-Coupling of Aryl Grignard Reagents. <i>Organic Letters</i> , 2005, 7, 491-493.   | 4.6  | 154       |
| 4  | Palladium-Catalyzed Asymmetric Synthesis of Axially Chiral Allenes: A Synergistic Effect of Dibenzalacetone on High Enantioselectivity. <i>Journal of the American Chemical Society</i> , 2001, 123, 2089-2090.  | 13.7 | 133       |
| 5  | Zn-Catalyzed Asymmetric Allylation for the Synthesis of Optically Active Allylglycine Derivatives. Regio- and Stereoselective Formal $\hat{\gamma}$ -Addition of Allylboronates to Hydrazono Esters. <i>Journal of the American Chemical Society</i> , 2008, 130, 2914-2915. | 13.7 | 110       |
| 6  | Total Syntheses of Ipomoeassin B and E. <i>Journal of the American Chemical Society</i> , 2007, 129, 1906-1907.  | 13.7 | 108       |
| 7  | Palladium-Catalyzed Allylic Amination Using Aqueous Ammonia for the Synthesis of Primary Amines. <i>Journal of the American Chemical Society</i> , 2009, 131, 4200-4201.   | 13.7 | 103       |
| 8  | Metathesis Route to Bridged Metallocenes. <i>Journal of the American Chemical Society</i> , 2002, 124, 9068-9069.  | 13.7 | 78        |
| 9  | Palladium-Catalyzed Asymmetric Synthesis of Axially Chiral (Allenylmethyl)silanes and Chirality Transfer to Stereogenic Carbon Centers in SE $\hat{\gamma}$ Reactions. <i>Organic Letters</i> , 2003, 5, 217-219.  | 4.6  | 75        |
| 10 | Chiral Scandium-Catalyzed Enantioselective Hydroxymethylation of Ketones in Water. <i>Chemistry - an Asian Journal</i> , 2010, 5, 490-492.   | 3.3  | 64        |
| 11 | A New Route to Methyl (R,E)-( $\hat{\gamma}$ )-Tetradeca-2,4,5-trienoate (Pheromone of <i>Acanthoscelides obtectus</i> ) Utilizing a Palladium-Catalyzed Asymmetric Allene Formation Reaction. <i>Journal of Organic Chemistry</i> , 2005, 70, 5764-5767.                    | 3.2  | 62        |
| 12 | Total Synthesis and Biological Evaluation of the Cytotoxic Resin Glycosides Ipomoeassin A $\hat{\gamma}$ F and Analogues. <i>Chemistry - A European Journal</i> , 2009, 15, 9697-9706.   | 3.3  | 59        |
| 13 | Total Synthesis and Evaluation of the Actin-Binding Properties of Microcarpalide and a Focused Library of Analogues. <i>Chemistry - A European Journal</i> , 2007, 13, 1452-1462.  | 3.3  | 49        |
| 14 | Iron Catalyst for Oxidation in Water: Surfactant-type Iron Complex-catalyzed Mild and Efficient Oxidation of Aryl Alkanes Using Aqueous TBHP as Oxidant in Water. <i>Chemistry Letters</i> , 2008, 37, 1042-1043.  | 1.3  | 47        |
| 15 | Silver-catalyzed Alkyl-Alkyl Homo-coupling of Grignard Reagents. <i>Chemistry Letters</i> , 2005, 34, 1152-1153.   | 1.3  | 46        |
| 16 | Iodide-Catalyzed Carbon-Carbon Bond-Forming Cross-Dehydrogenative Coupling for the Synthesis of Indole Derivatives. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 858-861.  | 2.4  | 41        |
| 17 | Chloroprene as a Source of Fine Chemicals: Palladium-Catalyzed Synthesis of Terminal Allenes. <i>Organic Letters</i> , 2001, 3, 2615-2617.   | 4.6  | 39        |
| 18 | Synthesis of 1,1-Diphospha[4]ferrocenophanes by Molybdenum-Catalyzed Ring-Closing Metathesis. <i>Organometallics</i> , 2003, 22, 1174-1176.  | 2.3  | 39        |

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|----|---|-----|-----------|
| 19 | Redox Catalysis of Halide Ion for Formal Cross-dehydrogenative Coupling: Bromide Ion-catalyzed Direct Oxidative $\alpha$ -Acetoxylation of Ketones. <i>Chemistry Letters</i> , 2010, 39, 929-931.       | 1.3 | 24        |
| 20 | Synthesis and Characterization of 1,1'-Diphospharuthenocenes. <i>Organometallics</i> , 2002, 21, 3062-3065.   | 2.3 | 21        |
| 21 | Sodium Bromide-Catalyzed Oxidation of Secondary Benzylic Alcohols Using Aqueous Hydrogen Peroxide as Terminal Oxidant. <i>Synlett</i> , 2016, 27, 789-793.  | 1.8 | 8         |
| 22 | Iron-Catalyzed Grignard Cross-Couplings with Allylic Methyl Ethers or Allylic Trimethylsilyl Ethers. <i>Synlett</i> , 2018, 29, 1211-1214.  | 1.8 | 3         |
| 23 | Palladium-Catalyzed Asymmetric Synthesis of Axially Chiral (Allenylmethyl)silanes and Chirality Transfer to Stereogenic Carbon Centers in SE <sup>2</sup> Reactions.. <i>ChemInform</i> , 2003, 34, no. | 0.0 | 0         |
| 24 | Iron-Catalyzed Grignard Cross-Coupling with Alkyl Halides Possessing $\beta$ -Hydrogens.. <i>ChemInform</i> , 2004, 35, no.   | 0.0 | 0         |
| 25 | Iron-Catalyzed Oxidative Homo-Coupling of Aryl Grignard Reagents.. <i>ChemInform</i> , 2005, 36, no.  | 0.0 | 0         |
| 26 | Chiral Phosphine $\pi$ -Olefin Bidentate Ligands in Asymmetric Catalysis: Rhodium-Catalyzed Asymmetric 1,4-Addition of Aryl Boronic Acids to Maleimides.. <i>ChemInform</i> , 2005, 36, no.             | 0.0 | 0         |
| 27 | Silver-Catalyzed Alkyl $\pi$ -Alkyl Homo-Coupling of Grignard Reagents.. <i>ChemInform</i> , 2006, 37, no.  | 0.0 | 0         |