

Masanari Kimura

List of Publications by Year in descending order

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125
papers

4,500
citations

94433

37
h-index

123424

61
g-index

181
all docs

181
docs citations

181
times ranked

2468
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Stabilization of $\hat{\text{I}}^{\pm}$ -ZrP ceramic nanosheets adsorbing quaternary ammonium ions in organic solvents and their application as a stable solid support for lipase catalyzing stereospecific synthetic reactions. <i>Journal of Asian Ceramic Societies</i> , 2022, 10, 338-345. | 2.3 | 0 |
| 2 | Reconstruction of Carbon Bond Frameworks via Oxapalladacycles Promoted by the Synergistic Effect of Palladium Catalyst and Triethylborane. <i>Synthesis</i> , 2021, 53, 3110-3120. | 2.3 | 0 |
| 3 | Pd-porphyrin complex-catalyzed allylation of indole with allylic alcohols through C3 $\hat{\text{C}}$ C2 coupling. <i>Tetrahedron</i> , 2021, 90, 132213. | 1.9 | 3 |
| 4 | Hydride Affinities for Main-Group Hydride Reductants: Assessment of Density Functionals and Trends in Reactivities. <i>Journal of Physical Chemistry A</i> , 2021, 125, 835-842. | 2.5 | 7 |
| 5 | Direct benzylation of amines with benzylic alcohols catalyzed by palladium/phosphine-borane catalyst system. <i>Tetrahedron Letters</i> , 2020, 61, 152537. | 1.4 | 6 |
| 6 | Oxidative Hydroxylation of Aryl Boronic Acid Catalyzed by Co-porphyrin Complexes via Blue-Light Irradiation. <i>Catalysts</i> , 2020, 10, 1262. | 3.5 | 13 |
| 7 | Pd-Catalyzed Dehydrogenative Oxidation of Alcohols to Functionalized Molecules. <i>Organic Process Research and Development</i> , 2019, 23, 1709-1717. | 2.7 | 27 |
| 8 | Assessment of DFT Methods for Transition Metals with the TMC151 Compilation of Data Sets and Comparison with Accuracies for Main-Group Chemistry. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 3610-3622. | 5.3 | 85 |
| 9 | Recent topics in the syntheses of $\hat{\text{I}}^2$ -keto carboxylic acids and the derivatives. <i>Tetrahedron Letters</i> , 2018, 59, 1295-1300. | 1.4 | 8 |
| 10 | Direct Allylation of Active Methylene Compounds with Allylic Alcohols by Use of Palladium/Phosphine $\hat{\text{B}}$ orane Catalyst System. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1954-1960. | 4.3 | 7 |
| 11 | Ni-Catalyzed Formal Carbonyl-Ene Reaction of Terminal Alkenes via Carbon Dioxide Insertion. <i>Synlett</i> , 2018, 29, 742-746. | 1.8 | 9 |
| 12 | Mechanism for Three-Component Ni-Catalyzed Carbonyl $\hat{\text{E}}$ ne Reaction for CO ₂ Transformation: What Practical Lessons Do We Learn from DFT Modelling?. <i>Australian Journal of Chemistry</i> , 2018, 71, 272. | 0.9 | 5 |
| 13 | Ni-Catalyzed Reconstruction of Carbon Frameworks via C-C Bond Cleavage Reactions. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 2018, 76, 1324-1331. | 0.1 | 0 |
| 14 | Nickel $\hat{\text{C}}$ -Catalyzed CO ₂ Rearrangement of Enol Metal Carbonates for the Efficient Synthesis of $\hat{\text{I}}^2$ $\hat{\text{K}}$ etocarboxylic Acids. <i>Angewandte Chemie</i> , 2017, 129, 214-217. | 2.0 | 8 |
| 15 | Copper-Catalyzed Stereodefined Construction of Acrylic Acid Derivatives from Terminal Alkynes via CO ₂ Insertion. <i>Organic Letters</i> , 2017, 19, 854-857. | 4.6 | 25 |
| 16 | Nickel $\hat{\text{C}}$ -Catalyzed CO ₂ Rearrangement of Enol Metal Carbonates for the Efficient Synthesis of $\hat{\text{I}}^2$ $\hat{\text{K}}$ etocarboxylic Acids. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 208-211. | 13.8 | 25 |
| 17 | Direct Allylic Amination of Allylic Alcohol Catalyzed by Palladium Complex Bearing Phosphine $\hat{\text{B}}$ orane Ligand. <i>Organic Letters</i> , 2017, 19, 6148-6151. | 4.6 | 55 |
| 18 | Remarkably Selective Formation of Allenyl and Dienyl Alcohols via Ni-Catalyzed Coupling Reaction of Conjugated Enyne, Aldehyde, and Organozinc Reagents. <i>Synthesis</i> , 2016, 48, 2385-2395. | 2.3 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Palladium-Catalyzed [4 + 2] Cycloaddition of Aldimines and 1,4-Dipolar Equivalents via Amphiphilic Allylation. <i>Organic Letters</i> , 2015, 17, 600-603. | 4.6 | 17 |
| 20 | Efficient synthesis of pyrrolizidine by Pd-catalyzed consecutive double amphiphilic allylation of nitrile. <i>Tetrahedron</i> , 2015, 71, 6541-6546. | 1.9 | 2 |
| 21 | Three-Component Coupling Reaction of Enynes, Carbonyls, and Organozinc Reagents. <i>Heterocycles</i> , 2015, 90, 832. | 0.7 | 7 |
| 22 | Ni-Catalyzed Homoallylation of Polyhydroxy N,O-Acetals with Conjugated Dienes Promoted by Triethylborane. <i>Molecules</i> , 2014, 19, 9288-9306. | 3.8 | 5 |
| 23 | Synthesis of Lactones and Lactams from Vinylcyclopropane by Palladium-Catalyzed Nucleophilic Allylation. <i>Synlett</i> , 2014, 25, 2306-2310. | 1.8 | 6 |
| 24 | Nickel-Catalyzed Multicomponent Coupling of Alkyne, Buta-1,3-diene, and Dimethylzinc under Carbon Dioxide. <i>Synthesis</i> , 2014, 46, 2287-2292. | 2.3 | 15 |
| 25 | Efficient and Selective Formation of Unsaturated Carboxylic and Phenylacetic Acids from Diketene. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10434-10438. | 13.8 | 13 |
| 26 | C-C bond formation via 1,2-addition of a tert-butylzinc reagent and carbonyls across conjugated dienes. <i>New Journal of Chemistry</i> , 2014, 38, 330-337. | 2.8 | 4 |
| 27 | Ni-Catalyzed Three-component Coupling Reaction of Conjugated Enyne, Carbonyls, and Dimethylzinc to Construct Allenyl Alcohols. <i>Chemistry Letters</i> , 2014, 43, 97-99. | 1.3 | 28 |
| 28 | Alteration of the Carbohydrate-Binding Specificity of a C-type Lectin CEL-I Mutant with an EPN Carbohydrate-Binding Motif. <i>Protein and Peptide Letters</i> , 2013, 20, 796-801. | 0.9 | 2 |
| 29 | Regio- and Stereoselective Multicomponent Coupling Reaction of Alkynes and Dimethylzinc Involving Allylnickelacycles. <i>Synthesis</i> , 2012, 44, 2333-2339. | 2.3 | 16 |
| 30 | An Assay for Carbohydrate-Binding Activity of Lectins Using Polyamidoamine Dendrimer Conjugated with Carbohydrates. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 1999-2001. | 1.3 | 8 |
| 31 | Palladium-CATALYZED TANDEM COUPLING REACTION OF ALKYNE, CONJUGATED DIENE, AND TRIETHYLBORANE. <i>Heterocycles</i> , 2012, 86, 171. | 0.7 | 8 |
| 32 | Ni-Catalyzed Multi-Component Coupling Reaction of Norbornene, Dimethylzinc, Butadiene, and Aldimine. <i>Heterocycles</i> , 2012, 84, 339. | 0.7 | 4 |
| 33 | Stereodefined Construction of Trisubstituted Alkenes by Direct Coupling Reaction of Allylating Agents, Alkynes, and Organoboranes. <i>Chemistry - A European Journal</i> , 2012, 18, 8019-8023. | 3.3 | 17 |
| 34 | Efficient C-C Bond Formation and Cleavage Reaction Promoted by Triethylborane and Late Transition Metal Catalysis. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2012, 70, 216-226. | 0.1 | 4 |
| 35 | Stereoselective Coupling Reaction of Dimethylzinc and Alkyne toward Nickelacycles. <i>Organic Letters</i> , 2011, 13, 2266-2269. | 4.6 | 25 |
| 36 | Nucleophilic allylation of N,O-acetals with allylic alcohols promoted by Pd/Et3B and Pd/Et2Zn systems. <i>Tetrahedron Letters</i> , 2011, 52, 913-915. | 1.4 | 15 |

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|----|---|------|-----------|
| 37 | Allylic Alkylation of Indoles with Butadiene Promoted by Palladium Catalyst and Triethylborane. <i>Heterocycles</i> , 2010, 80, 787. | 0.7 | 7 |
| 38 | Decarboxylative C-C Bond Cleavage Reactions via Oxapalladacycles. <i>Heterocycles</i> , 2010, 82, 281. | 0.7 | 6 |
| 39 | Dienyl Homoallyl Alcohols via Palladium Catalyzed Ene-Type Reaction of Aldehydes with 1,3-Dienes. <i>Journal of the American Chemical Society</i> , 2010, 132, 16346-16348. | 13.7 | 30 |
| 40 | Nickel-catalyzed multi-component coupling reaction of aldimine, alkyne, and dimethylzinc via dimerization of butadiene. <i>Tetrahedron Letters</i> , 2009, 50, 3982-3984. | 1.4 | 18 |
| 41 | Rh-Catalyzed Reductive Coupling Reaction of Aldehydes with Conjugated Dienes Promoted by Triethylborane. <i>Organic Letters</i> , 2009, 11, 3794-3797. | 4.6 | 48 |
| 42 | Amphiphilic Allylic Alkylation with Allyl Alcohols Promoted by Pd-Catalyst and Triethylborane. <i>Mini-Reviews in Organic Chemistry</i> , 2009, 6, 392-397. | 1.3 | 19 |
| 43 | Convenient Synthesis of Pyrrolidines by Amphiphilic Allylation of Imines with 2-Methylenepropane-1,3-diols. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5803-5805. | 13.8 | 27 |
| 44 | Gold-catalyzed intermolecular addition of alcohols toward the allenic bond of 4-vinylidene-2-oxazolidinones. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 4105. | 2.8 | 35 |
| 45 | Palladium-catalyzed selective activation of allyl alcohols as allyl cations, allyl anions, and zwitterionic trimethylenemethanes. <i>Pure and Applied Chemistry</i> , 2008, 80, 979-991. | 1.9 | 17 |
| 46 | Nickel-Catalyzed Reductive Coupling of Dienes and Carbonyl Compounds. , 2007, , 173-207. | | 59 |
| 47 | Alkyne as a Spectator Ligand for the Nickel-Catalyzed Multicomponent Connection Reaction of Diphenylzinc, 1,3-Butadiene, Aldehydes, and Amines. <i>Organic Letters</i> , 2007, 9, 1871-1873. | 4.6 | 31 |
| 48 | Pd(0)-Catalyzed Amphiphilic Allylation of Aldehydes with Vinyl Epoxide. <i>Journal of the American Chemical Society</i> , 2007, 129, 4122-4123. | 13.7 | 40 |
| 49 | Palladium-catalyzed 1,3-diol fragmentation: synthesis of γ -dienyl aldehydes. <i>Chemical Communications</i> , 2007, , 4504. | 4.1 | 14 |
| 50 | Chameleon Reactivity of the Allene Bond of 4-Vinylidene-2-oxazolidinone: Novel Through-Space Conjugative Nucleophilic Addition of Electron-Rich Alkenes and Hetero-Nucleophiles. <i>Chemistry - A European Journal</i> , 2007, 13, 9686-9702. | 3.3 | 32 |
| 51 | Nickel catalyzed Grob fragmentation: γ -dienyl aldehydes synthesis. <i>Chemical Communications</i> , 2006, , 4303-4305. | 4.1 | 17 |
| 52 | Nickel catalyzed stereoselective conjugate addition of dimethylzinc upon aldimines across 1,3-dien-8-yne and 1,3-dien-9-yne. <i>Chemical Communications</i> , 2006, , 2813. | 4.1 | 17 |
| 53 | Regio- and Stereoselective Nickel-Catalyzed Homoallylation of Aldehydes with 1,3-Dienes. <i>Journal of the American Chemical Society</i> , 2006, 128, 8559-8568. | 13.7 | 155 |
| 54 | Nickel-Catalyzed Multicomponent Connection of Dimethylzinc, Alkynes, 1,3-Butadiene, Aldehydes, and Amines. <i>Journal of the American Chemical Society</i> , 2006, 128, 6332-6333. | 13.7 | 39 |

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|----|---|------|-----------|
| 55 | Pd-catalyzed Allylic Alkylation of Pyr-roles with Allyl Alcohols Promoted by Triethylborane. <i>Heterocycles</i> , 2006, 67, 535. | 0.7 | 22 |
| 56 | Nickel-catalyzed multi-component connection reaction of isoprene, aldimines (lactamines), and diphenylzinc. <i>Tetrahedron</i> , 2006, 62, 7512-7520. | 1.9 | 26 |
| 57 | Nickel-Catalyzed Four-Component Connection of Organoaluminum (Organozinc), Isoprene, Aldehydes and Amines: Stereo- and Regioselective Synthesis of Trisubstituted (E)-Homoallylamines.. <i>ChemInform</i> , 2006, 37, no. | 0.0 | 0 |
| 58 | Palladium-Catalyzed, Triethylborane-Promoted C-Allylation of Naphthols and Benzene Polyols by Direct Use of Allyl Alcohols. <i>Synthesis</i> , 2006, 2006, 3611-3616. | 2.3 | 12 |
| 59 | Pd-Catalyzed C3-Selective Allylation of Indoles with Allyl Alcohols Promoted by Triethylborane. <i>Journal of the American Chemical Society</i> , 2005, 127, 4592-4593. | 13.7 | 366 |
| 60 | Reaction of Dienes and Allenes. , 2005, , 137-170. | | 8 |
| 61 | Use of Allyl, 2-Tetrahydrofuryl, and 2-Tetrahydropyranyl Ethers as Useful C3-, C4-, and C5-Carbon Sources: Palladium-Catalyzed Allylation of Aldehydes. <i>Chemistry - A European Journal</i> , 2005, 11, 6629-6642. | 3.3 | 16 |
| 62 | Pd(0)-Catalyzed Amphiphilic Activation of Bis-allyl Alcohol and Ether.. <i>ChemInform</i> , 2005, 36, no. | 0.0 | 0 |
| 63 | Highly Stereo- and Regioselective Ni-Catalyzed Homoallylation of Aldimines with Conjugated Dienes Promoted by Diethylzinc.. <i>ChemInform</i> , 2005, 36, no. | 0.0 | 0 |
| 64 | Nickel-Catalyzed Addition of Dimethylzinc to Aldehydes Across Alkynes and 1,3-Butadiene: An Efficient Four-Component Connection Reaction.. <i>ChemInform</i> , 2005, 36, no. | 0.0 | 0 |
| 65 | Nickel-Catalyzed Addition of Dimethylzinc to Aldehydes Across Alkynes and 1,3-Butadiene: An Efficient Four-Component Connection Reaction.. <i>ChemInform</i> , 2005, 36, no. | 0.0 | 0 |
| 66 | Palladium-Catalyzed Allylation of Imines with Allyl Alcohols.. <i>ChemInform</i> , 2005, 36, no. | 0.0 | 0 |
| 67 | Pd-Catalyzed Nucleophilic Allylic Alkylation of Aliphatic Aldehydes by the Use of Allyl Alcohols.. <i>ChemInform</i> , 2005, 36, no. | 0.0 | 0 |
| 68 | Pd-Catalyzed Nucleophilic Allylic Alkylation of Aliphatic Aldehydes by the Use of Allyl Alcohols.. <i>ChemInform</i> , 2005, 36, no. | 0.0 | 0 |
| 69 | Pd-Catalyzed C3-Selective Allylation of Indoles with Allyl Alcohols Promoted by Triethylborane.. <i>ChemInform</i> , 2005, 36, no. | 0.0 | 0 |
| 70 | Pd-catalyzed nucleophilic allylic alkylation of aliphatic aldehydes by the use of allyl alcohols. <i>Tetrahedron</i> , 2005, 61, 3709-3718. | 1.9 | 43 |
| 71 | Nickel-catalyzed four-component connection of oraganoaluminium (organozinc), isoprene, aldehydes and amines: stereo- and regioselective synthesis of trisubstituted (E)-homoallylamines. <i>Chemical Communications</i> , 2005, , 4717. | 4.1 | 27 |
| 72 | Nickel-Catalyzed Addition of Dimethylzinc to Aldehydes across Alkynes and 1,3-Butadiene: An Efficient Four-Component Connection Reaction. <i>Journal of the American Chemical Society</i> , 2005, 127, 201-209. | 13.7 | 79 |

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|----|---|------|-----------|
| 73 | Palladium-Catalyzed Allylation of Imines with Allyl Alcohols. <i>Organic Letters</i> , 2005, 7, 637-640. | 4.6 | 57 |
| 74 | Nickel-Catalyzed Three-Component Connection Reaction of Dimethylzinc, 1,3-Diene, and Acetone: Synthesis of 1,2-Disubstituted Cycloalkanes. <i>Synthesis</i> , 2004, 2004, 3089-3091. | 2.3 | 0 |
| 75 | Catalytic Enantioselective Conjugate Reduction of Lactones and Lactams. <i>ChemInform</i> , 2004, 35, no. | 0.0 | 0 |
| 76 | Triethylborane as an Efficient Promoter for Palladium-Catalyzed Allylation of Active Methylene Compounds with Allyl Alcohols. <i>ChemInform</i> , 2004, 35, no. | 0.0 | 0 |
| 77 | Highly Stereo- and Regioselective Ni-Catalyzed Homoallylation of Aldimines with Conjugated Dienes Promoted by Diethylzinc. <i>Journal of the American Chemical Society</i> , 2004, 126, 14360-14361. | 13.7 | 70 |
| 78 | Pd(0)-Catalyzed Amphiphilic Activation of Bis-allyl Alcohol and Ether. <i>Journal of the American Chemical Society</i> , 2004, 126, 11138-11139. | 13.7 | 47 |
| 79 | Catalytic Enantioselective Conjugate Reduction of Lactones and Lactams. <i>Journal of the American Chemical Society</i> , 2003, 125, 11253-11258. | 13.7 | 279 |
| 80 | Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 3514-3517. | 2.0 | 21 |
| 81 | Pd-Et ₃ B-Catalyzed Alkylation of Amines with Allylic Alcohols. <i>ChemInform</i> , 2003, 34, no. | 0.0 | 0 |
| 82 | Pd-Catalyzed Nucleophilic Alkylation of Aliphatic Aldehydes with Allyl Alcohols: Allyl, 2-Tetrahydrofuryl, and 2-Tetrahydropyranyl Ethers as Useful C3, C4, and C5 Sources. <i>ChemInform</i> , 2003, 34, no. | 0.0 | 0 |
| 83 | Preparation, Structure, and Unique Thermal [2+2], [4+2], and [3+2] Cycloaddition Reactions of 4-Vinylideneoxazolidin-2-one. <i>Chemistry - A European Journal</i> , 2003, 9, 2419-2438. | 3.3 | 60 |
| 84 | Pd-Catalyzed Nucleophilic Alkylation of Aliphatic Aldehydes with Allyl Alcohols: Allyl, 2-Tetrahydrofuryl, and 2-Tetrahydropyranyl Ethers as Useful C3, C4, and C5 Sources. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3392-3395. | 13.8 | 73 |
| 85 | Triethylborane as an efficient promoter for palladium-catalyzed allylation of active methylene compounds with allyl alcohols. <i>Tetrahedron</i> , 2003, 59, 7767-7777. | 1.9 | 54 |
| 86 | Pd-Et ₃ B-catalyzed alkylation of amines with allylic alcohols Electronic supplementary information (ESI) available: experimental section. See http://www.rsc.org/suppdata/cc/b2/b210920d/ . <i>Chemical Communications</i> , 2003, , 234-235. | 4.1 | 102 |
| 87 | Remarkably High 1,5-Diastereoselectivity in a Nickel-Catalyzed Conjugate Addition of Me ₂ Zn and Carbonyl Compounds to 1,3-Dienynes with Through-Space Coupling. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2784-2786. | 13.8 | 39 |
| 88 | Remarkably High 1,5-Diastereoselectivity in a Nickel-Catalyzed Conjugate Addition of Me ₂ Zn and Carbonyl Compounds to 1,3-Dienynes with Through-Space Coupling. <i>ChemInform</i> , 2002, 33, 33-33. | 0.0 | 0 |
| 89 | Strikingly Simple Direct α -Allylation of Aldehydes with Allyl Alcohols: A Remarkable Advance in the Tsuji-Trost Reaction. <i>Journal of the American Chemical Society</i> , 2001, 123, 10401-10402. | 13.7 | 143 |
| 90 | Practical Synthesis of Myrcene Derivatives Possessing Oxidized Methyl Groups. <i>Journal of Organic Chemistry</i> , 2001, 66, 4447-4449. | 3.2 | 3 |

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|-----|---|------|-----------|
| 91 | Nickel-Catalyzed Intramolecular Homoallylation of β -Dienyl Aldehyde. <i>Organic Letters</i> , 2001, 3, 2181-2183. | 4.6 | 67 |
| 92 | Et ₃ B-promoted, Pd-catalyzed C-allylation of o-hydroxyacetophenone and its derivatives with allyl alcohols. <i>Tetrahedron Letters</i> , 2001, 42, 3113-3116. | 1.4 | 62 |
| 93 | Nickel-Catalyzed Homoallylation of Aldehydes in the Presence of Water and Alcohols We thank Mr. Y. Ohhama, NMR Facility, for his outstanding technical assistance. Financial support from the Ministry of Education, Science, Sports, and Culture, Japanese Government, Grant-in-Aid for Scientific Research B, is acknowledged. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3600. | 13.8 | 84 |
| 94 | Nickel-catalysed three-component connection reaction of a phenyl group, conjugated dienes, and aldehydes: stereoselective synthesis of (E)-5-phenyl-3-penten-1-ols and (E)-3-methyl-5-phenyl-3-penten-1-ols. <i>Journal of Organometallic Chemistry</i> , 2001, 624, 348-353. | 1.8 | 42 |
| 95 | Novel 1,3-sulfonyl shift and [4+2] cycloaddition reaction of N-allyl sulfonamide promoted by allylsilane. <i>Tetrahedron Letters</i> , 2000, 41, 3427-3431. | 1.4 | 14 |
| 96 | Et ₃ B-Pd-promoted allylation of benzaldehyde with allylic alcohols. <i>Tetrahedron Letters</i> , 2000, 41, 3627-3629. | 1.4 | 75 |
| 97 | Et ₃ B-promoted, Pd(0)-catalyzed allylation of active methylene compounds with allylic alcohols. <i>Tetrahedron Letters</i> , 2000, 41, 5705-5709. | 1.4 | 67 |
| 98 | Ni(0)-catalyzed regio- and stereoselective coupling reaction of Me ₃ B, isoprene, and aldehydes. <i>Tetrahedron Letters</i> , 2000, 41, 6789-6793. | 1.4 | 49 |
| 99 | Allylation of aldehydes via Umpolung of η^3 -allylpalladium(II) with triethylborane. <i>Tetrahedron Letters</i> , 1999, 40, 6795-6798. | 1.4 | 43 |
| 100 | Efficient Entry to Tetrahydropyridines: Addition of Enol Ethers to Allenesulfonamides Involving a Novel 1,3-Sulfonyl Shift. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 121-124. | 13.8 | 34 |
| 101 | Nickel-Catalyzed Homoallylation of Aldehydes and Ketones with 1,3-Dienes and Complementary Promotion by Diethylzinc or Triethylborane. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 397-400. | 13.8 | 134 |
| 102 | Nickel(0)-Catalyzed Three-Component Connection Reaction of Dimethylzinc, 1,3-Dienes, and Carbonyl Compounds. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3386-3388. | 13.8 | 84 |
| 103 | Unique regio- and stereoselectivity in the allylation of benzaldehyde with 2-substituted allylzincs generated by umpolung of η^3 -allylpalladium. <i>Tetrahedron Letters</i> , 1998, 39, 609-612. | 1.4 | 28 |
| 104 | Selective reaction of η^3 -allyl(alkoxy)palladium(II) complexes toward β^2 -decarbopalladation, β^2 -dehydropalladation, and reductive elimination. <i>Tetrahedron Letters</i> , 1998, 39, 8475-8478. | 1.4 | 12 |
| 105 | Novel carbonyl-dependent regioselective allylation via diethylzinc-mediated umpolung of η^3 -allylpalladium. <i>Tetrahedron Letters</i> , 1998, 39, 6903-6906. | 1.4 | 36 |
| 106 | Novel and Highly Regio- and Stereoselective Nickel-Catalyzed Homoallylation of Benzaldehyde with 1,3-Dienes. <i>Journal of the American Chemical Society</i> , 1998, 120, 4033-4034. | 13.7 | 170 |
| 107 | C-N Bond Formation Reactions via Transition Metal Catalysis. <i>Synlett</i> , 1997, 1997, 749-757. | 1.8 | 58 |
| 108 | Pronounced Chemo-, Regio-, and Stereoselective [2 + 2] Cycloaddition Reaction of Allenes toward Alkenes and Alkynes. <i>Journal of the American Chemical Society</i> , 1997, 119, 10869-10870. | 13.7 | 64 |

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|-----|---|-----|-----------|
| 109 | Palladium(II)-Catalyzed Intramolecular Aminocarbonylation of endo-Carbamates under Wacker-Type Conditions. <i>Journal of Organic Chemistry</i> , 1997, 62, 2113-2122. | 3.2 | 73 |
| 110 | Efficient synthesis of 4-ethenylidene-2-oxazolidinones via palladium-catalyzed aminocyclization of 2-butyn-1,4-diol biscarbamates. <i>Tetrahedron Letters</i> , 1997, 38, 3963-3966. | 1.4 | 48 |
| 111 | Synthesis of Doubly Unsaturated Aldehydes and Ketones by a Novel ² -Decarbopalladation. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 2352-2354. | 4.4 | 71 |
| 112 | Chemo-, Regio-, and Stereoselective Diels-Alder Reaction of Ambident Dienophilic Monothiomaleimide. <i>Liebigs Annalen</i> , 1997, 1997, 907-923. | 0.8 | 6 |
| 113 | Propargylierung von Carbonylverbindungen durch Umpolung von Propargylpalladiumkomplexen mit Diethylzink. <i>Angewandte Chemie</i> , 1996, 108, 962-963. | 2.0 | 20 |
| 114 | Propargylation of Carbonyl Compounds by Umpolung of Propargylpalladium Complexes with Diethylzinc. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 878-880. | 4.4 | 77 |
| 115 | Chemoselective intramolecular aminocarbonylation of unsaturated amides under Wacker-type conditions. <i>Tetrahedron Letters</i> , 1996, 37, 7287-7290. | 1.4 | 22 |
| 116 | Silver(I)-Catalyzed Aminocyclization of 2,3-Butadienyl and 3,4-Pentadienyl Carbamates: An Efficient and Stereoselective Synthesis of 4-Vinyl-2-oxazolidinones and 4-Vinyltetrahydro-2H-1,3-oxazin-2-ones. <i>Bulletin of the Chemical Society of Japan</i> , 1995, 68, 1689-1705. | 3.2 | 38 |
| 117 | Palladium(II) catalysed 5-endo-trigonal cyclization of 2-hydroxybut-3-enylamines: synthesis of five-membered nitrogen heterocycles. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2531. | 2.0 | 19 |
| 118 | Highly regio-, stereo-, and chemoselective Diels-Alder reaction of monothiomaleimide, an ambident C=C and C=C dienophile. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2365-2366. | 2.0 | 5 |
| 119 | Convenient Synthesis of 4-Methylene-2-oxazolidinones and 4-Methylenetetrahydro-1,3-oxazin-2-ones via Transition-Metal Catalyzed Intramolecular Addition of Nitrogen Atom to Acetylenic Triple Bond. <i>Bulletin of the Chemical Society of Japan</i> , 1994, 67, 2838-2849. | 3.2 | 58 |
| 120 | Pd ²⁺ -catalyzed oxidative aminocarbonylation of O-2,3-butadienyl and O-3,4-pentadienyl N-tosylcarbamates. <i>Tetrahedron Letters</i> , 1993, 34, 7611-7614. | 1.4 | 39 |
| 121 | Palladium-catalyzed regio- and stereoselective allylmination of allenic alcohols. <i>Journal of Organic Chemistry</i> , 1992, 57, 6377-6379. | 3.2 | 52 |
| 122 | Palladium(II)-catalyzed oxidative aminocarbonylation of unsaturated carbamates. <i>Tetrahedron Letters</i> , 1992, 33, 631-634. | 1.4 | 50 |
| 123 | Silver(I) catalyzed amino cyclization of O-(2,3-butadienyl) carbamates: an efficient and stereoselective synthesis of 4-vinyl-2-oxazolidinones. <i>Tetrahedron Letters</i> , 1991, 32, 6359-6362. | 1.4 | 38 |
| 124 | Reactions of Acylpalladium Derivatives with Organometals and Related Carbon Nucleophiles. , 0, , 2425-2454. | | 1 |
| 125 | C-H Silylation of Arylpyridine Derivatives by Using Iridium Catalyst and Phosphine-Borane Ligand. <i>Advanced Synthesis and Catalysis</i> , 0, , . | 4.3 | 1 |