Yu Shibata

List of Publications by Year in descending order

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99 papers

3,518 citations

34 h-index 54 g-index

141 all docs

141 docs citations

141 times ranked

2477 citing authors

| # | Article | IF | Citations |
|----|---|-----|-----------|
| 1 | Dienylation of Unfunctionalized Arenes with 1,6-Diynes via Rhodium-Catalyzed Directing-Group-Free C–H Bond Activation. Synthesis, 2021, 53, 3065-3074. | 1.2 | 3 |
| 2 | Rhodiumâ€Catalyzed Asymmetric [2+2+2] Cycloaddition of 1,6â€Enynes with Racemic Secondary Allylic Alcohols through Kinetic Resolution. Chemistry - A European Journal, 2020, 26, 3698-3702. | 1.7 | 6 |
| 3 | Enantioselective Synthesis of Distorted Ï€â€Extended Chiral Triptycenes Consisting of Three Distinct Aromatic Rings by Rhodiumâ€Catalyzed [2+2+2] Cycloaddition. Chemistry - A European Journal, 2020, 26, 3004-3009. | 1.7 | 15 |
| 4 | Frontispiece: Enantioselective Synthesis of Distorted Ï€â€Extended Chiral Triptycenes Consisting of Three Distinct Aromatic Rings by Rhodiumâ€Catalyzed [2+2+2] Cycloaddition. Chemistry - A European Journal, 2020, 26, . | 1.7 | 0 |
| 5 | Synthesis of CF ₃ -Containing Isoindolinone Derivatives through Rhodium-catalyzed Oxidative Coupling of Benzamides with 2-Trifluoromethylacrylate. Chemistry Letters, 2020, 49, 1481-1483. | 0.7 | 4 |
| 6 | Rhodiumâ€Catalyzed Highly Diastereo†and Enantioselective Synthesis of a Configurationally Stable Sâ€Shaped Double Heliceneâ€Like Molecule. Angewandte Chemie, 2020, 132, 11113-11120. | 1.6 | 13 |
| 7 | lridium(III) Catalysts with an Amideâ€Pendant Cyclopentadienyl Ligand: Double Aromatic Homologation Reactions of Benzamides by Fourfold Câ^'H Activation. Angewandte Chemie, 2020, 132, 10560-10564. | 1.6 | 3 |
| 8 | Iridium(III) Catalysts with an Amideâ€Pendant Cyclopentadienyl Ligand: Double Aromatic Homologation Reactions of Benzamides by Fourfold Câ^'H Activation. Angewandte Chemie - International Edition, 2020, 59, 10474-10478. | 7.2 | 20 |
| 9 | Rhodiumâ€Catalyzed Highly Diastereo†and Enantioselective Synthesis of a Configurationally Stable Sâ€Shaped Double Heliceneâ€Like Molecule. Angewandte Chemie - International Edition, 2020, 59, 11020-11027. | 7.2 | 43 |
| 10 | Rhodiumâ€Catalyzed <i>ortho</i> â€Bromination of Oâ€Phenyl Carbamates Accelerated by a Secondary Amideâ€Pendant Cyclopentadienyl Ligand. Chemistry - A European Journal, 2020, 26, 5774-5779. | 1.7 | 11 |
| 11 | Synthesis of Belt- and Möbius-Shaped Cycloparaphenylenes by Rhodium-Catalyzed Alkyne Cyclotrimerization. Journal of the American Chemical Society, 2019, 141, 14955-14960. | 6.6 | 84 |
| 12 | Aerobic Oxidative Cross-Coupling of Substituted Acrylamides with Alkenes Catalyzed by an Electron-Deficient CpRh ^{III} Complex. Journal of Organic Chemistry, 2019, 84, 13164-13171. | 1.7 | 29 |
| 13 | Formal Lossen Rearrangement/Alkenylation or Annulation Cascade of Heterole Carboxamides with Alkynes Catalyzed by CpRh ^{III} Complexes with Pendant Amides. Chemistry - A European Journal, 2019, 25, 16022-16031. | 1.7 | 20 |
| 14 | Aerobic Oxidative Olefination of Benzamides with Styrenes Catalyzed by a Moderately Electron-Deficient CpRh(III) Complex with a Pendant Amide. Journal of Organic Chemistry, 2019, 84, 2501-2511. | 1.7 | 26 |
| 15 | Synthesis of a Strained Spherical Carbon Nanocage by Regioselective Alkyne Cyclotrimerization. Angewandte Chemie - International Edition, 2019, 58, 9439-9442. | 7.2 | 34 |
| 16 | Synthesis of a Strained Spherical Carbon Nanocage by Regioselective Alkyne Cyclotrimerization. Angewandte Chemie, 2019, 131, 9539-9542. | 1.6 | 12 |
| 17 | Oxidative Annulation of Acetanilides with Alkynes Catalyzed by Cyclopentadienyl Rhodium(III) Complexes with Pendant Amides. Asian Journal of Organic Chemistry, 2019, 8, 986-993. | 1.3 | 12 |
| 18 | Rhodium-Catalyzed Synthesis, Crystal Structures, and Photophysical Properties of [6]Cycloparaphenylene Tetracarboxylates. Organic Letters, 2019, 21, 3895-3899. | 2.4 | 21 |

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| 19 | Rhodiumâ€Catalyzed [2+1+2+1] Cycloaddition of Benzoic Acids with Diynes through Decarboxylation and C≡C Triple Bond Cleavage. Chemistry - A European Journal, 2019, 25, 9427-9432. | 1.7 | 16 |
| 20 | Frontispiece: Formal Lossen Rearrangement/Alkenylation or Annulation Cascade of Heterole Carboxamides with Alkynes Catalyzed by CpRh ^{III} Complexes with Pendant Amides. Chemistry - A European Journal, 2019, 25, . | 1.7 | 0 |
| 21 | Facile Synthesis of Dibenzotetracenedione Derivatives by Rhodiumâ€Catalyzed [2+2+2] Cycloaddition/Spontaneous Aromatization. Chemistry - an Asian Journal, 2019, 14, 1823-1829. | 1.7 | 7 |
| 22 | Goldâ€Catalyzed Enantioselective Intramolecular Annulation of Eneâ€Yneâ€Carbonyls via Benzopyryliumâ€Type Intermediates. European Journal of Organic Chemistry, 2019, 2019, 1488-1492. | 1.2 | 7 |
| 23 | Enantioselective Synthesis and Epimerization Behavior of a Chiral Sâ€Shaped [11]Heliceneâ€Like Molecule Having Collision between Terminal Benzene Rings. European Journal of Organic Chemistry, 2019, 2019, 1390-1396. | 1.2 | 24 |
| 24 | Formal Lossen Rearrangement/[3+2] Annulation Cascade Catalyzed by a Modified Cyclopentadienyl Rh ^{III} Complex. Chemistry - A European Journal, 2018, 24, 5723-5727. | 1.7 | 42 |
| 25 | Rhodiumâ€Catalyzed Cascade Synthesis of Benzofuranylmethylideneâ€Benzoxasiloles: Elucidating Reaction Mechanism and Efficient Solidâ€State Fluorescence. Chemistry - A European Journal, 2018, 24, 7161-7171. | 1.7 | 19 |
| 26 | Enantioselective Synthesis of Fully Benzenoid Single and Double Carbohelicenes via Gold atalyzed Intramolecular Hydroarylation. Chemistry - A European Journal, 2018, 24, 5434-5438. | 1.7 | 48 |
| 27 | Frontispiece: Enantioselective Synthesis of Fully Benzenoid Single and Double Carbohelicenes via Goldâ€Catalyzed Intramolecular Hydroarylation. Chemistry - A European Journal, 2018, 24, . | 1.7 | 0 |
| 28 | Frontispiece: Formal Lossen Rearrangement/[3+2] Annulation Cascade Catalyzed by a Modified Cyclopentadienyl RhIII Complex. Chemistry - A European Journal, 2018, 24, . | 1.7 | 0 |
| 29 | Rhodium-catalyzed Enantioselective Synthesis and Properties of Silicon-stereogenic Benzofuranylmethylidene-benzoxasiloles. Chemistry Letters, 2018, 47, 787-790. | 0.7 | 5 |
| 30 | Synthesis of Functionalized (η ⁵ â€Indenyl)rhodium(III) Complexes and Their Application to Câ°'H Bond Functionalization. Chemistry - an Asian Journal, 2018, 13, 505-509. | 1.7 | 24 |
| 31 | Synthesis of Single and Double Dibenzohelicenes by Rhodiumâ€Catalyzed Intramolecular [2+2+2] and [2+1+2+1] Cycloaddition. Chemistry - A European Journal, 2018, 24, 6364-6370. | 1.7 | 54 |
| 32 | Rhodium-Catalyzed Asymmetric $[2+2+2]$ Cycloaddition of Unsymmetrical \hat{l}_{\pm} , \hat{l}_{∞} -Diynes with Acenaphthylene. Journal of Organic Chemistry, 2018, 83, 2617-2626. | 1.7 | 14 |
| 33 | Rhodium-mediated enantioselective synthesis of a benzopicene-based phospha[9]helicene: the structure–property relationship of triphenylene- and benzopicene-based carbo- and phosphahelicenes. Materials Chemistry Frontiers, 2018, 2, 585-590. | 3.2 | 24 |
| 34 | Room Temperature Decarboxylative and Oxidative [2+2+2] Annulation of Benzoic Acids with Alkynes Catalyzed by an Electronâ€Deficient Rhodium(III) Complex. Chemistry - A European Journal, 2018, 24, 317-321. | 1.7 | 35 |
| 35 | [2+2+2] Annulation of N-(1-Naphthyl)acetamide with Two Alkynoates via Cleavage of Adjacent C–H and C–N Bonds Catalyzed by an Electron-Deficient Rhodium(III) Complex. Molecules, 2018, 23, 3325. | 1.7 | 10 |
| 36 | Rhodium-Catalyzed Enantioselective $[2 + 2 + 1]$ Cycloaddition of 1,6-Enynes with Cyclopropylideneacetamides. Organic Letters, 2018, 20, 7461-7465. | 2.4 | 6 |

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| 37 | Substituentâ€Controlled and Rhodiumâ€Catalyzed Intramolecular [2+2+2] and [2+1+2+1] Cycloadditions of Electronâ€Deficient Triynes. European Journal of Organic Chemistry, 2018, 2018, 5916-5920. | 1.2 | 12 |
| 38 | Functionalized Cyclopentadienyl Ligands and Their Substituent Effects on a Rhodium(III)â€Catalyzed Oxidative [4+2] Annulation of Indole―and Pyrroleâ€1â€Carboxamides with Alkynes. Asian Journal of Organic Chemistry, 2018, 7, 1396-1402. | 1.3 | 20 |
| 39 | Frontispiece: Synthesis of Single and Double Dibenzohelicenes by Rhodiumâ€Catalyzed Intramolecular [2+2+2] and [2+1+2+1] Cycloaddition. Chemistry - A European Journal, 2018, 24, . | 1.7 | O |
| 40 | Reversible Mechanochromic Luminescence of a Heteroatom-Free Helically Chiral Hydrocarbon. Chemistry Letters, 2018, 47, 1228-1231. | 0.7 | 2 |
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| 42 | Synthesis of Alkynylmethylideneâ€benzoxasiloles through a Rhodiumâ€Catalyzed Cycloisomerization Involving 1,2â€Silicon and 1,3â€Carbon Migration. Angewandte Chemie, 2017, 129, 3050-3054. | 1.6 | 5 |
| 43 | Synthesis of Alkynylmethylideneâ€benzoxasiloles through a Rhodiumâ€Catalyzed Cycloisomerization Involving 1,2â€Silicon and 1,3â€Carbon Migration. Angewandte Chemie - International Edition, 2017, 56, 3004-3008. | 7.2 | 14 |
| 44 | Fulvene Synthesis by Rhodium(I)â€Catalyzed [2+2+1] Cycloaddition: Synthesis and Catalytic Activity of Tunable Cyclopentadienyl Rhodium(III) Complexes with Pendant Amides. Angewandte Chemie, 2017, 129, 3644-3647. | 1.6 | 20 |
| 45 | Fulvene Synthesis by Rhodium(I)â€Catalyzed [2+2+1] Cycloaddition: Synthesis and Catalytic Activity of Tunable Cyclopentadienyl Rhodium(III) Complexes with Pendant Amides. Angewandte Chemie - International Edition, 2017, 56, 3590-3593. | 7.2 | 56 |
| 46 | Synthesis, Structures, and Photophysical Properties of Alternating Donor–Acceptor Cycloparaphenylenes. Chemistry - A European Journal, 2017, 23, 7227-7231. | 1.7 | 35 |
| 47 | Control of Vicinal Stereocenters through Nickelâ€Catalyzed Alkyl–Alkyl Crossâ€Coupling. Angewandte Chemie - International Edition, 2017, 56, 5821-5824. | 7.2 | 74 |
| 48 | Control of Vicinal Stereocenters through Nickelâ€Catalyzed Alkyl–Alkyl Crossâ€Coupling. Angewandte Chemie, 2017, 129, 5915-5918. | 1.6 | 21 |
| 49 | Synthesis of [8]Cycloparaphenylene-octacarboxylates via Rh-Catalyzed Stepwise Cross-Alkyne Cyclotrimerization. Organic Letters, 2017, 19, 2993-2996. | 2.4 | 35 |
| 50 | Rhodium-Catalyzed Asymmetric $[2 + 2 + 2]$ Cyclization of 1,6-Enynes with Aliphatic and Aromatic Alkenes. Organic Letters, 2017, 19, 2913-2916. | 2.4 | 16 |
| 51 | Synthesis, Structure, and Photophysical/Chiroptical Properties of Benzopicene-Based π-Conjugated Molecules. Journal of Organic Chemistry, 2017, 82, 1136-1144. | 1.7 | 30 |
| 52 | Rh-Mediated Enantioselective Synthesis, Crystal Structures, and Photophysical/Chiroptical Properties of Phenanthrenol-Based [9]Helicene-like Molecules. Organic Letters, 2017, 19, 42-45. | 2.4 | 47 |
| 53 | Rhodium-Catalyzed Chemo- and Regioselective Intermolecular Cross-Cyclotrimerization of Nonactivated Terminal and Internal Alkynes. Journal of Organic Chemistry, 2017, 82, 11117-11125. | 1.7 | 25 |
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| 55 | Goldâ€Catalyzed Enantioselective Synthesis, Crystal Structure, and Photophysical/Chiroptical Properties of Aza[10]helicenes. Chemistry - A European Journal, 2016, 22, 9537-9541. | 1.7 | 46 |
| 56 | Heteroarene-Directed Oxidative sp ² Câ€"H Bond Allylation with Aliphatic Alkenes Catalyzed by an (Electron-Deficient η ⁵ -Cyclopentadienyl)rhodium(III) Complex. Organic Letters, 2016, 18, 2934-2937. | 2.4 | 63 |
| 57 | Rhodium-Catalyzed Asymmetric [$2 + 2 + 2$] Cycloaddition of Î \pm ,ω-Diynes with Unsymmetrical 1,2-Disubstituted Alkenes. Organic Letters, 2016, 18, 2672-2675. | 2.4 | 22 |
| 58 | Rhodium-Catalyzed Atroposelective $[2+2+2]$ Cycloaddition of <i>Ortho</i> Substituted Phenyl Diynes with Nitriles: Effect of <i>Ortho</i> Substituents on Regio- and Enantioselectivity. Organic Letters, 2016, 18, 2170-2173. | 2.4 | 47 |
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| 60 | Rhodiumâ€Catalyzed [2+2+2] CycloÂaddition–Aromatization of 1,6â€DiÂynes with Cyclic Enol Ethers at Room Temperature. European Journal of Organic Chemistry, 2016, 2016, 132-138. | 1.2 | 12 |
| 61 | Atroposelective Synthesis of Axially Chiral Allâ€Benzenoid Biaryls by the Goldâ€Catalyzed Intramolecular Hydroarylation of Alkynones. European Journal of Organic Chemistry, 2016, 2016, 4465-4469. | 1.2 | 38 |
| 62 | Synthesis of Functionalized Benzobarrelenes and Azabenzobarrelenes by Rhodium-catalyzed [2+2+2] Cycloaddition. Chemistry Letters, 2016, 45, 86-88. | 0.7 | 2 |
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| 65 | Rhodium(III)â€Catalyzed Tandem [2+2+2] Annulation–Lactamization of Anilides with Two Alkynoates via Cleavage of Two Adjacent Câ~'H or Câ~'H/Câ~'O bonds. Chemistry - an Asian Journal, 2016, 11, 2260-2264. | 1.7 | 31 |
| 66 | Asymmetric Synthesis of Protected Cyclohexenylamines and Cyclohexenols by Rhodiumâ€Catalyzed [2+2+2] Cycloaddition. Angewandte Chemie - International Edition, 2016, 55, 15373-15376. | 7.2 | 22 |
| 67 | Asymmetric Synthesis of Protected Cyclohexenylamines and Cyclohexenols by Rhodium atalyzed [2+2+2] Cycloaddition. Angewandte Chemie, 2016, 128, 15599-15602. | 1.6 | 8 |
| 68 | Rhodiumâ€Catalyzed Crossâ€Cyclotrimerization and Dimerization of Allenes with Alkynes. Angewandte Chemie, 2016, 128, 6865-6869. | 1.6 | 16 |
| 69 | Rhodiumâ€Catalyzed Crossâ€Cyclotrimerization and Dimerization of Allenes with Alkynes. Angewandte Chemie - International Edition, 2016, 55, 6753-6757. | 7.2 | 36 |
| 70 | Rhodium-Catalyzed Asymmetric $[2 + 2 + 2]$ Cycloaddition of 1,6-Enynes with Cyclopropylideneacetamides. Organic Letters, 2016, 18, 388-391. | 2.4 | 23 |
| 71 | Rhodium-Catalyzed Cycloisomerization of 2-Silylethynyl Phenols and Anilines via 1,2-Silicon Migration. Organic Letters, 2016, 18, 1654-1657. | 2.4 | 41 |
| 72 | Facile Generation and Isolation of π-Allyl Complexes from Aliphatic Alkenes and an Electron-Deficient Rh(III) Complex: Key Intermediates of Allylic C–H Functionalization. Organometallics, 2016, 35, 1547-1552. | 1.1 | 61 |

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| 73 | Aminomethylation Reaction of <i>ortho</i> -Pyridyl Câ€"H Bonds Catalyzed by Group 3 Metal Triamido Complexes. Journal of the American Chemical Society, 2015, 137, 640-643. | 6.6 | 63 |
| 74 | 2,2′-Bipyridyl formation from 2-arylpyridines through bimetallic diyttrium intermediate. Chemical Science, 2015, 6, 5394-5399. | 3.7 | 20 |
| 7 5 | Cationic rhodium(I)/BIPHEP complex-catalyzed cross-cyclotrimerization of silylacetylenes and unsymmetrical electron-deficient internal alkynes. Tetrahedron Letters, 2015, 56, 4938-4942. | 0.7 | 7 |
| 76 | Oxidative Olefination of Anilides with Unactivated Alkenes Catalyzed by an (Electronâ€Deficient) Tj ETQq0 0 0 rgl | BT /Overlo 1.7 | ock 10 Tf 50 98 |
| 77 | Oxidative Annulation of Anilides with Internal Alkynes Using an (Electronâ€Deficient) Tj ETQq1 1 0.784314 rgBT / and Catalysis, 2014, 356, 1577-1585. | Overlock 2.1 | 10 Tf 50 58 128 |
| 78 | Câ€"H Metalation Reaction of Diarylamine and Carbazole by Alkylaluminum Complexes at the Heteroatomâ€Bridged Dimeric Aluminum Core. European Journal of Inorganic Chemistry, 2013, 2013, 3821-3825. | 1.0 | 5 |
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| 81 | Rhodium-Catalyzed [2+2+2] Cycloaddition of Alkynes for the Synthesis of Substituted Benzenes: Catalysts, Reaction Scope, and Synthetic Applications. Synthesis, 2012, 44, 323-350. | 1.2 | 74 |
| 82 | Synthesis of Fluorene Derivatives through Rhodiumâ€Catalyzed Dehydrogenative Cyclization. Angewandte Chemie - International Edition, 2012, 51, 5359-5362. | 7.2 | 146 |
| 83 | Rhodiumâ€Catalyzed Cascade Reactions of Dienynes Leading to Substituted Dihydronaphthalenes and Naphthalenes. Angewandte Chemie - International Edition, 2012, 51, 6722-6727. | 7.2 | 27 |
| 84 | Enantioselective Synthesis of Axially Chiral Hydroxy Carboxylic Acid Derivatives by Rhodium-Catalyzed [2 + 2 + 2] Cycloaddition. Journal of Organic Chemistry, 2011, 76, 1926-1929. | 1.7 | 34 |
| 85 | Palladiumâ€Catalyzed Enantioselective Intramolecular Hydroarylation of Alkynes To Form Axially Chiral 4â€Aryl 2â€Quinolinones. Angewandte Chemie - International Edition, 2011, 50, 3963-3967. | 7.2 | 70 |
| 86 | Catalytic [2+2+1] Crossâ€Cyclotrimerization of Silylacetylenes and Two Alkynyl Esters To Produce Substituted Silylfulvenes. Angewandte Chemie - International Edition, 2011, 50, 10917-10921. | 7.2 | 146 |
| 87 | Rhodiumâ€Catalyzed Asymmetric [2+2+2] Cyclization of 1,6â€Enynes and Aldehydes. Chemistry - A European Journal, 2011, 17, 12578-12581. | 1.7 | 33 |
| 88 | Asymmetric synthesis of planar-chiral paracyclophanes by double Câ€"S bond formation: comparison of catalytic activity and enantioselectivity of Pd and Rh catalysts. Tetrahedron: Asymmetry, 2010, 21, 1303-1306. | 1.8 | 22 |
| 89 | Cationic rhodium(I) complex-catalyzed σ- and π-bond activation cascade: Isomerization of allyl propargyl ethers to allenic aldehydes and dienals. Pure and Applied Chemistry, 2010, 82, 1453-1460. | 0.9 | 3 |
| 90 | Cationic Rhodium(I) Complex-Catalyzed Cotrimerization of Propargyl Esters and Arylacetylenes Leading to Substituted Dihydropentalenes. Organic Letters, 2010, 12, 5596-5599. | 2.4 | 19 |

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| 91 | Cationic Rhodium(I) Complex-Catalyzed $[3 + 2]$ and $[2 + 1]$ Cycloadditions of Propargyl Esters with Electron-Deficient Alkynes and Alkenes. Journal of the American Chemical Society, 2010, 132, 7896-7898. | 6.6 | 73 |
| 92 | Highly Enantioselective Construction of Axial Chirality by Palladium-Catalyzed Cycloisomerization of <i>N</i> -Alkenyl Arylethynylamides. Organic Letters, 2009, 11, 1805-1808. | 2.4 | 49 |
| 93 | Rhodium-Catalyzed Highly Enantioselective Direct Intermolecular Hydroacylation of 1,1-Disubstituted Alkenes with Unfunctionalized Aldehydes. Journal of the American Chemical Society, 2009, 131, 12552-12553. | 6.6 | 160 |
| 94 | Cationic Rhodium(I)â^'dppf Complex-Catalyzed Olefin Isomerization/Propargyl Claisen Rearrangement/Carbonyl Migration Cascade. Journal of the American Chemical Society, 2009, 131, 10822-10823. | 6.6 | 37 |
| 95 | Amide-Directed Alkenylation of sp ² Câ^'H Bonds Catalyzed by a Cationic Rh(I)/BIPHEP Complex Under Mild Conditions: Dramatic Rate Acceleration by a 1-Pyrrolidinecarbonyl Group. Organic Letters, 2009, 11, 689-692. | 2.4 | 96 |
| 96 | Cationic rhodium(I)/bisphosphine complex-catalyzed cyclization of 1,6-diynes with carboxylic acids. Organic and Biomolecular Chemistry, 2009, 7, 4817. | 1.5 | 24 |
| 97 | Rhodium-Catalyzed Highly Enantio- and Diastereoselective Cotrimerization of Alkenes and Dialkyl Acetylenedicarboxylates Leading to Furylcyclopropanes. Organic Letters, 2008, 10, 2825-2828. | 2.4 | 42 |
| 98 | Rhodium-Catalyzed Regio- and Stereoselective Codimerization of Alkenes and Electron-Deficient Internal Alkynes Leading to 1,3-Dienes. Organic Letters, 2008, 10, 2829-2831. | 2.4 | 56 |
| 99 | Direct Intermolecular Hydroacylation ofN,N-Dialkylacrylamides with Aldehydes Catalyzed by a Cationic Rhodium(I)/dppb Complex. Organic Letters, 2007, 9, 1215-1218. | 2.4 | 90 |