# Hideto Miyabe

List of Publications by Year
in descending order

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| 71 | 2,888 | 136950 | 175258 |
|---|---|---|---|
| papers | citations | 32 h-index | 52 g-index |

| 83 | 83 | 83 | 1992 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Enantio- and Diastereoselective Ir-Catalyzed Allylic Substitutions for Asymmetric Synthesis of Amino Acid Derivatives. Angewandte Chemie - International Edition, 2003, 42, 2054-2056. | 13.8 | 170 |
| 2 | A Multicomponent Coupling Reaction Induced by Insertion of Arynes into the Cï£¾O Bond of Formamide. Angewandte Chemie - International Edition, 2011, 50, 6638-6642. | 13.8 | 162 |
| 3 | Asymmetric Synthesis of Î±-Amino Acids Based on Carbon Radical Addition to Glyoxylic Oxime Ether. Journal of Organic Chemistry, 2000, 65, 176-185. | 3.2 | 133 |
| 4 | Total Synthesis of (â^')-Balanol. Journal of Organic Chemistry, 1998, 63, 4397-4407. | 3.2 | 116 |
| 5 | Utility of the Iridium Complex of the Pybox Ligand in Regio- and Enantioselective Allylic Substitution. Organic Letters, 2004, 6, 4631-4634. | 4.6 | 108 |
| 6 | Synthesis of Î²-Substituted Î±-Amino Acids with Use of Iridium-Catalyzed Asymmetric Allylic Substitution. Journal of Organic Chemistry, 2003, 68, 6197-6201. | 3.2 | 107 |
| 7 | Sequential Reaction of Arynes via Insertion into the Ï€-Bond of Amides and Trapping Reaction with Dialkylzincs. Organic Letters, 2010, 12, 1956-1959. | 4.6 | 105 |
| 8 | Indium-Mediated Tandem Radical Additionâ^'Cyclization-Trap Reactions in Aqueous Media. Organic Letters, 2003, 5, 3835-3838. | 4.6 | 83 |
| 9 | Tandem Carbonâ^'Carbon Bond-Forming Radical Addition-Cyclization Reaction of Oxime Ether and Hydrazone. Journal of Organic Chemistry, 2003, 68, 5618-5626. | 3.2 | 71 |
| 10 | A New Alternative to the Mannich Reaction:â€‰ Tandem Radical Additionâ^'Cyclization Reaction for Asymmetric Synthesis of Î³-Butyrolactones and Î²-Amino Acids. Organic Letters, 2000, 2, 4071-4074. | 4.6 | 70 |
| 11 | Hydroxylamines as Oxygen Atom Nucleophiles in Transition-Metal-Catalyzed Allylic Substitution. Journal of Organic Chemistry, 2005, 70, 2148-2153. | 3.2 | 69 |
| 12 | Enantioselective Radical Cyclizations: A New Approach to Stereocontrol of Cascade Reactions. Chemistry - A European Journal, 2007, 13, 7280-7286. | 3.3 | 66 |
| 13 | Tandem Radical-Addition-Aldol-Type Reaction of an Î±,Î²-Unsaturated Oxime Ether. Angewandte Chemie - International Edition, 2005, 44, 6190-6193. | 13.8 | 63 |
| 14 | Progress in Intermolecular Carbon Radical Addition to Imine Derivatives. Current Organic Chemistry, 2010, 14, 1254-1264. | 1.6 | 61 |
| 15 | Reactive Ketimino Radical Acceptors:Â Intermolecular Alkyl Radical Addition to Imines with a Phenolic Hydroxyl Group. Journal of Organic Chemistry, 2006, 71, 2099-2106. | 3.2 | 60 |
| 16 | Enantioselective Cascade Radical Additionâ€“Cyclizationâ€“Trapping Reactions. Angewandte Chemie - International Edition, 2006, 45, 5863-5866. | 13.8 | 60 |
| 17 | Reactivity of Trapped and Accumulated Electrons in Titanium Dioxide Photocatalysis. Catalysts, 2017, 7, 303. | 3.5 | 60 |
| 18 | Highly diastereoselective radical addition to glyoxylic oxime ether: asymmetric synthesis of Î±-amino acids. Chemical Communications, 1997, , 1789-1790. | 4.1 | 55 |

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|---|---|---|---|
| 19 | Regioselective Hydroxysulfenylation of Î±,Î²â€Unsaturated Imines: Enhanced Stability of an Intermediate Radical. Angewandte Chemie - International Edition, 2008, 47, 5600-5604. | 13.8 | 55 |
| 20 | Straightforward Synthesis of Dihydrobenzofurans and Benzofurans from Arynes. Organic Letters, 2013, 15, 3938-3941. | 4.6 | 54 |
| 21 | Insertion of arynes into the carbonâ€“oxygen double bond of amides and its application into the sequential reactions. Tetrahedron, 2012, 68, 179-189. | 1.9 | 53 |
| 22 | Photocatalytic hydrogenation of acetophenone derivatives and diaryl ketones on polycrystalline titanium dioxide. Catalysis Communications, 2010, 11, 1049-1053. | 3.3 | 50 |
| 23 | Synthesis of Oxygen Heterocycles via Aromatic C-O Bond Formation Using Arynes. Molecules, 2015, 20, 12558-12575. | 3.8 | 48 |
| 24 | Selective Synthesis of Allylated Oxime Ethers and Nitrones Based on Palladium-Catalyzed Allylic Substitution of Oximes. Journal of Organic Chemistry, 2005, 70, 5630-5635. | 3.2 | 46 |
| 25 | [4+2] cycloaddition of intermediates generated from arynes and DMF. Tetrahedron Letters, 2014, 55, 1402-1405. | 1.4 | 46 |
| 26 | Regio- and Stereocontrolled Palladium- or Iridium-Catalyzed Allylation. Synlett, 2005, 2005, 1641-1655. | 1.8 | 45 |
| 27 | Zinc-mediated carbon radical addition to glyoxylic imines in aqueous media for the synthesis of Î±-amino acids. Organic and Biomolecular Chemistry, 2005, 3, 1124-1128. | 2.8 | 45 |
| 28 | Progress in Enantioselective Radical Cyclizations. Chemistry - A European Journal, 2017, 23, 6225-6236. | 3.3 | 44 |
| 29 | Aqueous-Medium Carbonâ€“Carbon Bond-Forming Radical Reactions Catalyzed by Excited Rhodamine B as a Metal-Free Organic Dye under Visible Light Irradiation. Journal of Organic Chemistry, 2016, 81, 7217-7229. | 3.2 | 41 |
| 30 | Polarity-Mismatched Addition of Electrophilic Carbon Radicals to an Electron-Deficient Acceptor: Cascade Radical Additionâ€“Cyclizationâ€“Trapping Reaction. Journal of Organic Chemistry, 2012, 77, 8588-8604. | 3.2 | 39 |
| 31 | Kinetic study on photocatalytic hydrogenation of acetophenone derivatives on titanium dioxide. Catalysis Science and Technology, 2014, 4, 1084. | 4.1 | 38 |
| 32 | Multicomponent Coupling Reaction Using Arynes: Synthesis of Xanthene Derivatives. Journal of Organic Chemistry, 2015, 80, 8464-8469. | 3.2 | 37 |
| 33 | Solid-phase tandem radical additionâ€“cyclisation reaction of oxime ethers. Chemical Communications, 2001, , 831-832. | 4.1 | 31 |
| 34 | Inter- and Intramolecular Carbon-Carbon Bond-Forming Radical Reactions. Synlett, 2012, 23, 1709-1724. | 1.8 | 31 |
| 35 | Adsorptive and Kinetic Properties on Photocatalytic Hydrogenation of Aromatic Ketones upon UV Irradiated Polycrystalline Titanium Dioxide: Differences between Acetophenone and Its Trifluoromethylated Derivative. Journal of Physical Chemistry C, 2012, 116, 17705-17713. | 3.1 | 31 |
| 36 | Dye-sensitized photo-hydrogenation of aromatic ketones on titanium dioxide under visible light irradiation. Catalysis Communications, 2014, 43, 61-65. | 3.3 | 29 |

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|---|---|---|---|
| 37 | Stereoselective Organic Reactions in Heterogeneous Semiconductor Photocatalysis. Frontiers in Chemistry, 2019, 7, 630. | 3.6 | 27 |
| 38 | Enantioselective synthesis of [1,2]-oxazinone scaffolds and [1,2]-oxazine core structures of FR900482. Tetrahedron, 2008, 64, 1040-1048. | 1.9 | 25 |
| 39 | Synthesis of chiral oxime ethers based on regio- and enantioselective allylic substitution catalyzed by iridiumâ€“pybox complex. Tetrahedron, 2009, 65, 4464-4470. | 1.9 | 25 |
| 40 | Palladium- or Iridium-Catalyzed Allylic Substitution of Guanidines: Convenient and Direct Modification of Guanidines. Journal of Organic Chemistry, 2009, 74, 305-311. | 3.2 | 24 |
| 41 | Carbon radical additionâ€“cyclization reaction induced by ruthenium-photocatalyst under visible light irradiation. Tetrahedron, 2015, 71, 773-781. | 1.9 | 24 |
| 42 | Enantioselective Radical Cyclization for the Synthesis of Cyclic Compounds. Heterocycles, 2009, 79, 229. | 0.7 | 23 |
| 43 | Cascade radical reaction of substrates with a carbonâ€“carbon triple bond as a radical acceptor. Beilstein Journal of Organic Chemistry, 2013, 9, 1148-1155. | 2.2 | 21 |
| 44 | Oxidative Functionalization of Cinnamaldehyde Derivatives: Control of Chemoselectivity by Organophotocatalysis and Dual Organocatalysis. Journal of Organic Chemistry, 2018, 83, 8962-8970. | 3.2 | 21 |
| 45 | Three-Component Coupling Reactions of Arynes for the Synthesis of Benzofurans and Coumarins. Molecules, 2014, 19, 863-880. | 3.8 | 20 |
| 46 | Lewis acid-mediated radical cyclization: stereocontrol in cascade radical additionâ€“cyclizationâ€“trapping reactions. Organic and Biomolecular Chemistry, 2012, 10, 3519. | 2.8 | 19 |
| 47 | Direct Photoinduced Electron Transfer from Excited State of Rhodamine B for Carbon-Radical Generation. Synlett, 2015, 26, 265-270. | 1.8 | 18 |
| 48 | Enantioselective Cascade Radical Addition-Cyclization of Oxime Ethers. Synlett, 2007, 2007, 1885-1888. | 1.8 | 17 |
| 49 | Photoreductive transformation of fluorinated acetophenone derivatives on titanium dioxide: Defluorination vs. reduction of carbonyl group. Applied Catalysis A: General, 2016, 521, 68-74. | 4.3 | 15 |
| 50 | Insertion of Arynes into the π-Bond Giving [2+2] Cycloaddition-type Adducts. Current Organic Chemistry, 2015, 19, 1222-1241. | 1.6 | 13 |
| 51 | Photohydrogenation of Acetophenone Using Coumarin Dye-Sensitized Titanium Dioxide under Visible Light Irradiation. Catalysts, 2015, 5, 1417-1424. | 3.5 | 12 |
| 52 | Transition-Metal-Free Activation of Amide Bond by Arynes. Molecules, 2018, 23, 2145. | 3.8 | 12 |
| 53 | Photocatalytic single electron transfer reactions on TiO2 semiconductor. Science China Chemistry, 2019, 62, 1439-1449. | 8.2 | 12 |
| 54 | Photocatalytic Cascade Carbon-Carbon Bond-Forming Radical Reaction in Aqueous Media. Synlett, 2013, 24, 1578-1582. | 1.8 | 11 |

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|---|---|---|---|
| 55 | Unique Strategies for Controlling Enantioselective Stereochemistry of Cyclizations via Radical Intermediates. European Journal of Organic Chemistry, 2017, 2017, 3302-3310. | 2.4 | 11 |
| 56 | Chiral Î±-hydroxy acid-coadsorbed TiO2 photocatalysts for asymmetric induction in hydrogenation of aromatic ketones. Chemical Communications, 2018, 54, 12610-12613. | 4.1 | 11 |
| 57 | Aryne Precursors for Selective Generation of 3-Haloarynes: Preparation and Application to Synthetic Reactions. Journal of Organic Chemistry, 2020, 85, 13544-13556. | 3.2 | 11 |
| 58 | Regio- and Enantioselective Allylic Substitution with Less Active N- or O-Nucleophiles Catalyzed by Iridium-Complex of Bis(oxazolinyl)pyridine. Chemical and Pharmaceutical Bulletin, 2011, 59, 714-720. | 1.3 | 9 |
| 59 | Photo-Induced Atom-Transfer Radical Reactions Using Chargeâ€“Transfer Complex between Iodine and Tertiary Amine. Chemical and Pharmaceutical Bulletin, 2017, 65, 33-35. | 1.3 | 9 |
| 60 | Palladium or Iridium-Catalyzed Allylic Substitution of Guanidines having Electron-Withdrawing Substituents. Letters in Organic Chemistry, 2004, 1, 119-121. | 0.5 | 7 |
| 61 | Iron(III) Chloride Promoted Oxidative Radical Cyclization for the Synthesis of Lactams Having a Quaternary Carbon. Synlett, 2017, 28, 863-867. | 1.8 | 6 |
| 62 | 2,3,4,9-Tetrahydro-9-(3-hydroxy-1,4-dioxo-1H-dihydro-naphthalen-2-yl)-8-methoxy-3,3-dimethyl-1H-xanthen-1-one. MolBank, 2015, 2015, M841. | 0.5 | 5 |
| 63 | Aqueous-Medium Selective Modification of Cysteine and Related Thiols with Tricyclic Oxygen-Heterocycles. Synthesis, 2017, 49, 4887-4892. | 2.3 | 4 |
| 64 | Cascade radical reactions via carbon-carbon/heteroatom bond-forming process. Universal Organic Chemistry, 2014, 2, 1. | 0.7 | 4 |
| 65 | Regiocontrol by Halogen Substituent on Arynes: Generation of 3-Haloarynes and Their Synthetic Reactions. Synthesis, 0, 0, . | 2.3 | 4 |
| 66 | Oxidation of Î±,Î²-Unsaturated Ketones by Organophotocatalysis Using Rhodamine 6G under Visible Light Irradiation: Insight into the Reaction Mechanism. Synthesis, 2022, 54, 697-704. | 2.3 | 3 |
| 67 | Aryne-Mediated Synthesis of Oxygen Heterocycles and Application to Cysteine-Selective Trapping. Heterocycles, 2021, 102, 3. | 0.7 | 2 |
| 68 | Research and Development of Domino Radical Cyclization Reactions. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2015, 73, 895-901. | 0.1 | 1 |
| 69 | Frontispiece: Progress in Enantioselective Radical Cyclizations. Chemistry - A European Journal, 2017, 23, . | 3.3 | 0 |
| 70 | Catalytic and Enantioselective Câ€“C Bond Forming Radical Reactions. , 2019, , . | | 0 |
| 71 | Recent Advances in Cooperative N-Heterocyclic Carbene Catalysis. , 0, , . | | 0 |