

Yasutomo Yamamoto

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Phosphazene base-catalyzed hydroamination of aminoalkenes for the construction of isoindoline scaffolds: Application to the total synthesis of aristocularine. <i>Tetrahedron Letters</i> , 2022, 89, 153599. | 1.4 | 2 |
| 2 | Stereoselective Synthesis of Diastereomeric Berberine Alkaloids, O-Methylcorytenchirine and Coralydine. <i>Heterocycles</i> , 2021, 103, 817. | 0.7 | 2 |
| 3 | Asymmetric total synthesis of (âˆ™)-javaberine A and (âˆ™)-epi-javaberine A based on catalytic intramolecular hydroamination of N-methyl-2-(2-styrylaryl)ethylamine. <i>Tetrahedron</i> , 2021, 90, 132165. | 1.9 | 4 |
| 4 | Stereoselective Construction of a Berberine C-8 Benzyl Group for the Synthesis of Javaberine Derivatives. <i>Heterocycles</i> , 2020, 101, 512. | 0.7 | 2 |
| 5 | Aminolithiationâ€“arylation consecutive cyclization of N-(2-fluorophenyl)methylaminoalkylstyryls giving aryl-substituted pyrido[1,2-b]isoquinolines. <i>Tetrahedron</i> , 2018, 74, 5309-5318. | 1.9 | 1 |
| 6 | Consecutive Aminolithiationâ€“Carbolithiation of a Linear Aminoalkene Bearing Terminal Vinyl Sulfide Moiety to Give Hydroâ€“indolizine. <i>Synlett</i> , 2017, 28, 2913-2917. | 1.8 | 1 |
| 7 | Enhancement of self-assembly and gelation ability of N,Nâ€™-didodecanoyl ethylenediamine organogelator by terminal functionalization. <i>Tetrahedron Letters</i> , 2016, 57, 5889-5892. | 1.4 | 5 |
| 8 | A short synthesis of (+)-Î²-lycorane by asymmetric conjugate addition cascade. <i>Tetrahedron</i> , 2015, 71, 7222-7226. | 1.9 | 18 |
| 9 | Cyclic Model for the Asymmetric Conjugate Addition of Organolithiums with Enoates. <i>Synthesis</i> , 2015, 47, e5-e5. | 2.3 | 1 |
| 10 | Cyclic Model for the Asymmetric Conjugate Addition of Organolithiums with Enoates. <i>Synthesis</i> , 2015, 47, 2256-2264. | 2.3 | 6 |
| 11 | Total Synthesis of 8-epi-Javaberine A and Javaberine A. <i>Heterocycles</i> , 2014, 88, 1311. | 0.7 | 8 |
| 12 | Addition and in situ halo-cyclization of Î³-alkenyl Grignard reagents with aldehydes, ketones, carbon dioxide, and azodicarboxylate. <i>New Journal of Chemistry</i> , 2013, 37, 3873. | 2.8 | 5 |
| 13 | Critical profiles of chiral diether-mediated asymmetric conjugate aminolithiation of enoate with lithium amide as a key to the total synthesis of (âˆ™)-kopsinine. <i>Tetrahedron</i> , 2013, 69, 3264-3273. | 1.9 | 14 |
| 14 | NMR studies on the structure of a lithium amideâ€“chiral diether complex for an asymmetric reaction. <i>Tetrahedron</i> , 2013, 69, 3836-3840. | 1.9 | 10 |
| 15 | One-pot synthesis of N-heterocycles by tandem carbamoylationâ€“oxidative bromolactamization of Î³-alkenylmagnesium bromide. <i>Tetrahedron Letters</i> , 2013, 54, 4313-4315. | 1.4 | 6 |
| 16 | Catalytic Asymmetric Synthesis of (S)-Laudanosine by Hydroamination. <i>Heterocycles</i> , 2012, 86, 469. | 0.7 | 17 |
| 17 | General Entry to Asymmetric One-Pot [N+ 2 +n] Cyclization for the Synthesis of Three- to Seven-Membered Azacycloalkanes. <i>Journal of Organic Chemistry</i> , 2012, 77, 7212-7222. | 3.2 | 17 |
| 18 | Total Synthesis of (âˆ™)-Kopsinine by an Asymmetric Oneâ€“Pot [N+2+3] Cyclization. <i>Chemistry - an Asian Journal</i> , 2012, 7, 2196-2198. | 3.3 | 27 |

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|----|--|-----|-----------|
| 19 | Radical One-Pot \hat{I}^{\pm} , \hat{I}^2 -Dual and \hat{I}^2 -Mono-Oxymethylation of Alkylidenemalonate. <i>Journal of Organic Chemistry</i> , 2012, 77, 5775-5780. | 3.2 | 14 |
| 20 | High Performance of N-Alkoxy carbonyl-imines in Triethylborane-Mediated Tin-Free Radical Addition. <i>Journal of Organic Chemistry</i> , 2012, 77, 1547-1553. | 3.2 | 25 |
| 21 | Steric tuning of C2-symmetric chiral N-heterocyclic carbene in gold-catalyzed asymmetric cyclization of 1,6-enynes. <i>Tetrahedron</i> , 2012, 68, 4159-4165. | 1.9 | 34 |
| 22 | Rhodium-catalyzed asymmetric phenylation of N-phosphinoylarylimines with triphenylborane. <i>Catalysis Science and Technology</i> , 2011, 1, 62. | 4.1 | 18 |
| 23 | Chiral N-Heterocyclic Carbene \hat{I} -Copper(I)-Catalyzed Asymmetric Allylic Arylation of Aliphatic Allylic Bromides: Steric and Electronic Effects on \hat{I}^3 -Selectivity. <i>Journal of Organic Chemistry</i> , 2011, 76, 1398-1408. | 3.2 | 57 |
| 24 | Steric influence of N-phosphorus-arylimines on the rhodium-catalyzed asymmetric arylation. <i>Tetrahedron</i> , 2011, 67, 6469-6473. | 1.9 | 20 |
| 25 | Stereoselective Formal Synthesis of (+)-Allokainic Acid <i>via</i> Thiol-Mediated Acyl Radical Cyclization. <i>Chemical and Pharmaceutical Bulletin</i> , 2010, 58, 1511-1516. | 1.3 | 23 |
| 26 | Stereoselective Radical Addition of an Acetal to Sterically Tuned Enantiomerically Pure N-Sulfinyl Imines. <i>Chemical and Pharmaceutical Bulletin</i> , 2010, 58, 265-269. | 1.3 | 18 |
| 27 | NMR studies of a ternary complex reagent of lithium ester enolate, chiral diether, and lithium diisopropylamide in an asymmetric Michael reaction. <i>Tetrahedron</i> , 2010, 66, 2470-2473. | 1.9 | 13 |
| 28 | Chiral carbene approach to gold-catalyzed asymmetric cyclization of 1,6-enynes. <i>Tetrahedron Letters</i> , 2010, 51, 404-406. | 1.4 | 100 |
| 29 | Aminolithiation of carbon-carbon double bonds as a powerful tool in organic synthesis. <i>Pure and Applied Chemistry</i> , 2009, 81, 247-253. | 1.9 | 10 |
| 30 | Tandem conjugate addition \hat{I} -aldol cyclization of 2-formylbenzylidenemalonate with ether radicals by the mediation of dimethylzinc. <i>Tetrahedron</i> , 2009, 65, 903-908. | 1.9 | 26 |
| 31 | Iron chloride enhancement of dimethylzinc-mediated radical conjugate addition of ethers and an amine to alkylidenemalonates. <i>Tetrahedron Letters</i> , 2009, 50, 6040-6043. | 1.4 | 21 |
| 32 | Enantioselective Conjugate Addition of a Lithium Ester Enolate Catalyzed by Chiral Lithium Amides: A Possible Intermediate Characterized. <i>Organic Letters</i> , 2009, 11, 1907-1910. | 4.6 | 34 |
| 33 | Asymmetric Construction of Three Contiguous Stereogenic Centers by Conjugate Addition \hat{I} -Alkylation of Lithium Ester Enolate. <i>Organic Letters</i> , 2009, 11, 2007-2009. | 4.6 | 14 |
| 34 | Steric Tuning of the Amidomonophosphane-Rhodium(I) Catalyst in Asymmetric Addition of Arylboroxines to <i>N</i> -Phosphinoyl Aldimines. <i>Organic Letters</i> , 2009, 11, 4470-4473. | 4.6 | 33 |
| 35 | Asymmetric Construction of Quaternary Carbon Centers by Sequential Conjugate Addition of Lithium Amide and <i>in Situ</i> Alkylation: Utility in the Synthesis of (\hat{I})-Aspidospermidine. <i>Organic Letters</i> , 2009, 11, 653-655. | 4.6 | 50 |
| 36 | Chiral Amidophosphane-Rhodium(I)-Catalyzed Asymmetric Conjugate Arylation of Acyclic Enones with Arylboronic Acids. <i>Chemical and Pharmaceutical Bulletin</i> , 2009, 57, 1024-1027. | 1.3 | 11 |

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|----|--|-----|-----------|
| 37 | Asymmetric Construction of Binaphthyl by the Chiral Diether-Mediated Conjugate Addition of Naphthyllithium to Naphthalenecarboxylic Acid 2,6-Di- <i>t</i> -butyl-4-methoxyphenyl Ester. <i>Chemical and Pharmaceutical Bulletin</i> , 2009, 57, 752-754. | 1.3 | 9 |
| 38 | A ternary complex reagent for an asymmetric Michael reaction of lithium ester enolates with enoates. <i>Tetrahedron Letters</i> , 2008, 49, 4582-4584. | 1.4 | 22 |
| 39 | Conjugate addition reaction of THF-2-yl radical with $\hat{1},\hat{2}$ -unsaturated N-tosyl imines using a dimethylzinc- $\hat{1}$ air initiator. <i>Tetrahedron</i> , 2008, 64, 7258-7265. | 1.9 | 32 |
| 40 | Chemoselective Conjugate Addition of Dimethylzinc-Mediated Ether and Acetal Radicals to Alkylidenemalonates and Asymmetric Reactions. <i>Journal of Organic Chemistry</i> , 2008, 73, 9535-9538. | 3.2 | 37 |
| 41 | Consecutive Cyclization of Allylaminoalkene by Intramolecular Aminolithiation $\hat{1}$ Carbolithiation. <i>Organic Letters</i> , 2008, 10, 3635-3638. | 4.6 | 27 |
| 42 | Tin-Free Intermolecular Addition of Primary Alkyls to Imines via the Dimethylzinc- $\hat{1}$ Air Radical Process. <i>Organic Letters</i> , 2006, 8, 87-89. | 4.6 | 61 |
| 43 | Asymmetric Radical Addition of Ethers to Enantiopure N- <i>p</i> -Toluenesulfinyl Aldimines, Mediated by Dimethylzinc- $\hat{1}$ Air. <i>Organic Letters</i> , 2006, 8, 5729-5732. | 4.6 | 67 |
| 44 | Dimethylzinc-initiated radical reaction of cyclic ethers with arylamines, alkoxyamines, and dialkylhydrazines. <i>Tetrahedron</i> , 2005, 61, 379-384. | 1.9 | 38 |
| 45 | Radical Reactions Initiated by Dimethylzinc. <i>ChemInform</i> , 2005, 36, no. | 0.0 | 0 |
| 46 | Dimethylzinc-Initiated Radical Reaction of Cyclic Ethers with Arylamines, Alkoxyamines, and Dialkylhydrazines.. <i>ChemInform</i> , 2005, 36, no. | 0.0 | 0 |
| 47 | Radical Reactions Initiated by Dimethylzinc. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2004, 62, 1158-1165. | 0.1 | 28 |
| 48 | Unexpected Reaction of a Dimethylzinc-Generated THF Radical with Aldehydes.. <i>ChemInform</i> , 2004, 35, no. | 0.0 | 0 |
| 49 | Unexpected reaction of a dimethylzinc-generated THF radical with aldehydes. <i>Tetrahedron Letters</i> , 2004, 45, 795-797. | 1.4 | 47 |
| 50 | Direct aminoalkylation of cycloalkanes through dimethylzinc-initiated radical process. <i>Tetrahedron Letters</i> , 2004, 45, 6595-6597. | 1.4 | 41 |
| 51 | Introduction of Functionalized C1, C2, and C3 Units to Imines through the Dimethylzinc- $\hat{1}$ Air-Initiated Radical Addition. <i>Journal of Organic Chemistry</i> , 2004, 69, 1531-1534. | 3.2 | 77 |
| 52 | Radical Addition of Ethers to Imines Initiated by Dimethylzinc.. <i>ChemInform</i> , 2003, 34, no. | 0.0 | 0 |
| 53 | Initiator-Dependent Chemoselective Addition of THF Radical to Aldehyde and Aldimine and Its Application to a Three-Component Reaction.. <i>ChemInform</i> , 2003, 34, no. | 0.0 | 0 |
| 54 | Initiator-Dependent Chemoselective Addition of THF Radical to Aldehyde and Aldimine and Its Application to a Three-Component Reaction. <i>Organic Letters</i> , 2003, 5, 1797-1799. | 4.6 | 89 |

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|----|--|-----|-----------|
| 55 | Radical Addition of Ethers to Imines Initiated by Dimethylzinc. <i>Organic Letters</i> , 2002, 4, 3509-3511. | 4.6 | 98 |