

Yasuyuki Kita

List of Publications by Year in descending order

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91
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92
all docs

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docs citations

92
times ranked

3533
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Hypervalent iodine reagents as a new entrance to organocatalysts. <i>Chemical Communications</i> , 2009, , 2073. | 4.1 | 683 |
| 2 | A Chiral Hypervalent Iodine(III) Reagent for Enantioselective Dearomatization of Phenols. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3787-3790. | 13.8 | 436 |
| 3 | Hypervalent Iodine-Induced Nucleophilic Substitution of para-Substituted Phenol Ethers. Generation of Cation Radicals as Reactive Intermediates. <i>Journal of the American Chemical Society</i> , 1994, 116, 3684-3691. | 13.7 | 415 |
| 4 | Metal-Free Oxidative Cross-Coupling of Unfunctionalized Aromatic Compounds. <i>Journal of the American Chemical Society</i> , 2009, 131, 1668-1669. | 13.7 | 307 |
| 5 | Asymmetric Dearomatizing Spirolactonization of Naphthols Catalyzed by Spirobiindane-Based Chiral Hypervalent Iodine Species. <i>Journal of the American Chemical Society</i> , 2013, 135, 4558-4566. | 13.7 | 285 |
| 6 | Fluoroalcohols: versatile solvents in hypervalent iodine chemistry and syntheses of diaryliodonium(III) salts. <i>Tetrahedron</i> , 2010, 66, 5775-5785. | 1.9 | 248 |
| 7 | Unusual <i>ipso</i> -Substitution of Diaryliodonium Bromides Initiated by a Single Electron Transfer Oxidizing Process. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3334-3337. | 13.8 | 188 |
| 8 | Total synthesis of discorhabdin C: a general aza spiro dienone formation from O-silylated phenol derivatives using a hypervalent iodine reagent. <i>Journal of the American Chemical Society</i> , 1992, 114, 2175-2180. | 13.7 | 174 |
| 9 | Facile and Clean Oxidation of Alcohols in Water Using Hypervalent Iodine(III) Reagents. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1306-1308. | 13.8 | 161 |
| 10 | Clean and Efficient Benzylic C-H Oxidation in Water Using a Hypervalent Iodine Reagent: Activation of Polymeric Iodosobenzene with KBr in the Presence of Montmorillonite-K10. <i>Journal of Organic Chemistry</i> , 2008, 73, 7365-7368. | 3.2 | 132 |
| 11 | A Dynamic Kinetic Resolution of Allyl Alcohols by the Combined Use of Lipases and [VO(OSiPh ₃) ₃]. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2592-2595. | 13.8 | 130 |
| 12 | Enantioselective Total Synthesis of a Potent Antitumor Antibiotic, Fredericamycin A. <i>Journal of the American Chemical Society</i> , 2001, 123, 3214-3222. | 13.7 | 127 |
| 13 | Direct Lactone Formation by Using Hypervalent Iodine(III) Reagents with KBr via Selective C-H Abstraction Protocol. <i>Organic Letters</i> , 2007, 9, 3129-3132. | 4.6 | 120 |
| 14 | Facile and Efficient Sulfonylation Method Using Quinone Mono-O,S-Acetals under Mild Conditions. <i>Journal of Organic Chemistry</i> , 2001, 66, 2434-2441. | 3.2 | 114 |
| 15 | Facile and efficient syntheses of carboxylic anhydrides and amides using (trimethylsilyl)ethoxyacetylene. <i>Journal of Organic Chemistry</i> , 1986, 51, 4150-4158. | 3.2 | 112 |
| 16 | Pioneering Metal-Free Oxidative Coupling Strategy of Aromatic Compounds Using Hypervalent Iodine Reagents. <i>Chemical Record</i> , 2015, 15, 886-906. | 5.8 | 110 |
| 17 | Novel and Direct Nucleophilic Sulfonylation and Thiocyanation of Phenol Ethers Using a Hypervalent Iodine(III) Reagent. <i>Journal of Organic Chemistry</i> , 1995, 60, 7144-7148. | 3.2 | 105 |
| 18 | Facile and Clean Oxidation of Alcohols in Water Using Hypervalent Iodine(III) Reagents. <i>Advanced Synthesis and Catalysis</i> , 2002, 344, 328-337. | 4.3 | 93 |

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|----|---|------|-----------|
| 19 | Lipase-Catalyzed Domino Dynamic Kinetic Resolution of Racemic 3-Vinylcyclohex-2-en-1-ols/Intramolecular Diels-Alder Reaction: One-Pot Synthesis of Optically Active Polysubstituted Decalins. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1407-1410. | 13.8 | 92 |
| 20 | The First Total Synthesis of Discorhabdin A. <i>Journal of the American Chemical Society</i> , 2003, 125, 11235-11240. | 13.7 | 88 |
| 21 | Metal-Free Regioselective Oxidative Biaryl Coupling Leading to Head-to-Tail Bithiophenes: Reactivity Switching, a Concept Based on the Iodonium(III) Intermediate. <i>Organic Letters</i> , 2010, 12, 3804-3807. | 4.6 | 88 |
| 22 | Designer 1/4-oxo-bridged hypervalent iodine(III) organocatalysts for greener oxidations. <i>Chemical Communications</i> , 2010, 46, 7697. | 4.1 | 84 |
| 23 | New synthesis of spirocycles by utilizing in situ forming hypervalent iodine species. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6899. | 2.8 | 82 |
| 24 | A Novel and Direct Alkyl Azidation of p-Alkylanisoles Using Phenyl Iodine(III) Bis(trifluoroacetate) (PIFA) and Trimethylsilyl Azide. <i>Synlett</i> , 1994, 1994, 427-428. | 1.8 | 66 |
| 25 | The chemistry of O-silylated ketene acetals. Stereocontrolled synthesis of 2-deoxy- and 2-deoxy-2-C-alkyl-erythro-pentoses. <i>Journal of Organic Chemistry</i> , 1988, 53, 554-561. | 3.2 | 64 |
| 26 | A Novel Efficient Synthesis of 1-Ethoxyvinyl Esters and Their Use in Acylation of Amines and Alcohols: Synthesis of Water-Soluble Oxaunomycin Derivatives. <i>Synlett</i> , 1993, 1993, 273-274. | 1.8 | 64 |
| 27 | Keten silyl acetal chemistry; simple synthesis of methyl jasmonate and related compounds by utilizing keten methyl dimethyl-t-butylsilyl acetal. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1982, , 1099. | 0.9 | 61 |
| 28 | Efficient Coupling Reaction of Quinone Monoacetal with Phenols Leading to Phenol Biaryls. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15535-15538. | 13.8 | 60 |
| 29 | Novel efficient synthesis of 1-ethoxyvinyl esters using ruthenium catalysts and their use in acylation of amines and alcohols: synthesis of hydrophilic 3 ² -N-acylated oxaunomycin derivatives. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 2999-3005. | 0.9 | 59 |
| 30 | Convenient Enzymatic Resolution of Alcohols Using Highly Reactive, Nonharmful Acyl Donors, 1-Ethoxyvinyl Esters. <i>Journal of Organic Chemistry</i> , 2000, 65, 83-88. | 3.2 | 59 |
| 31 | Chiral Atropisomeric 8,8 ² -Diiodobinaphthalene for Asymmetric Dearomatizing Spirolactonizations in Hypervalent Iodine Oxidations. <i>Journal of Organic Chemistry</i> , 2017, 82, 11954-11960. | 3.2 | 59 |
| 32 | Coupling of Quinone Monoacetals Promoted by Sandwiched Brønsted Acids: Synthesis of Oxygenated Biaryls. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6142-6146. | 13.8 | 58 |
| 33 | Efficient Synthesis of Oxygenated Terphenyls and Other Oligomers: Sequential Arylation Reactions Through Phenol Oxidation-Rearomatization. <i>Chemistry - A European Journal</i> , 2012, 18, 13614-13618. | 3.3 | 54 |
| 34 | Asymmetric Total Synthesis of Fredericamycin A. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 683-686. | 13.8 | 53 |
| 35 | Isolation of the Quinone MonoO,S-Acetal Intermediates of the Aromatic Pummerer-Type Rearrangement of p-Sulfinylphenols with 1-Ethoxyvinyl Esters. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1529-1531. | 4.4 | 52 |
| 36 | Lipase-catalyzed domino kinetic resolution of \pm -hydroxynitrones/intramolecular 1,3-dipolar cycloaddition: a concise asymmetric total synthesis of (α)-rosmarinecine. <i>Chemical Communications</i> , 2005, , 2369. | 4.1 | 50 |

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|----|--|-----|-----------|
| 37 | Metal-free Oxidative Cross-Coupling Reaction of Aromatic Compounds Containing Heteroatoms. <i>Synlett</i> , 2017, 28, 1680-1694. | 1.8 | 50 |
| 38 | The chemistry of O-silylated ketene acetals: an efficient stereocontrolled synthesis of N-benzoyl L-daunosamine. <i>Tetrahedron Letters</i> , 1987, 28, 1431-1434. | 1.4 | 48 |
| 39 | Lipase-Catalyzed Domino Kinetic Resolution/Intramolecular Diels-Alder Reaction: One-Pot Synthesis of Optically Active 7-Oxabicyclo[2.2.1]heptenes from Furfuryl Alcohols and -Substituted Acrylic Acids. <i>Chemistry - A European Journal</i> , 2002, 8, 4255-4264. | 3.3 | 48 |
| 40 | Efficient Lipase-Catalyzed Enantioselective Desymmetrization of Prochiral 2,2-Disubstituted 1,3-Propanediols and Meso 1,2-Diols Using 1-Ethoxyvinyl 2-Furoate. <i>Journal of Organic Chemistry</i> , 2002, 67, 411-419. | 3.2 | 47 |
| 41 | Brønsted Acid-Controlled [3 + 2] Coupling Reaction of Quinone Monoacetals with Alkene Nucleophiles: A Catalytic System of Perfluorinated Acids and Hydrogen Bond Donor for the Construction of Benzofurans. <i>Journal of Organic Chemistry</i> , 2013, 78, 5530-5543. | 3.2 | 45 |
| 42 | [3 + 2] Coupling of Quinone Monoacetals by Combined Acid-Hydrogen Bond Donor. <i>Organic Letters</i> , 2011, 13, 4814-4817. | 4.6 | 44 |
| 43 | Single-Electron-Transfer (SET)-Induced Oxidative Biaryl Coupling by Polyalkoxybenzene-Derived Diaryliodonium(III) Salts. <i>Chemistry - A European Journal</i> , 2013, 19, 15004-15011. | 3.3 | 44 |
| 44 | Amino-protecting reagents: new promising reagents for tert-butoxycarbonylation, <i>Chemistry</i> , 1982, 47, 2697-2700. | 3.2 | 43 |
| 45 | 1-Ethoxyvinyl acetate as a novel, highly reactive, and reliable acyl donor for enzymatic resolution of alcohols. <i>Tetrahedron Letters</i> , 1996, 37, 7369-7372. | 1.4 | 42 |
| 46 | Hypervalent Iodine-Induced Oxidative Couplings (New Metal-Free Coupling Advances and Their) <i>Tetrahedron Letters</i> , 2010, 41, 1075-1078. | 4.0 | 40 |
| 47 | Chemistry of O-silylated ketene acetals: Preparation of .ALPHA.-siloxy phenyl sulfides and methyl 3-(phenylthio)butyrates from alkyl phenyl sulfoxides. <i>Chemical and Pharmaceutical Bulletin</i> , 1985, 33, 4235-4241. | 1.3 | 39 |
| 48 | The Efficient Direct Synthesis of N,O-Acetal Compounds as Key Intermediates of Discorhabdin A: Oxidative Fragmentation Reaction of β -Amino Acids or β -Amino Alcohols by Using Hypervalent Iodine(III) Reagents. <i>Chemistry - A European Journal</i> , 2006, 12, 4893-4899. | 3.3 | 38 |
| 49 | The chemistry of O-silylated ketene acetals; diastereoselective Aldol reaction of 2,3-O-isopropylidene-D (and L)-glyceraldehydes leading to 2-deoxy-D (and L)-ribose. <i>Tetrahedron Letters</i> , 1985, 26, 5777-5780. | 1.4 | 35 |
| 50 | Total Synthesis of the Antitumor Antibiotic (±)-Fredericamycin...A by a Linear Approach. <i>Chemistry - A European Journal</i> , 2000, 6, 3897-3905. | 3.3 | 35 |
| 51 | O-Silylated Ketene Acetal Chemistry 1; A Mild and Efficient t-Butyldimethylsilylating Agent. <i>Synthesis</i> , 1981, 1981, 451-452. | 2.3 | 34 |
| 52 | The first highly asymmetric pummerer-type reaction in chiral acyclic sulfoxides: Chemistry of O-silylated ketene acetals. <i>Tetrahedron Letters</i> , 1993, 34, 4063-4066. | 1.4 | 34 |
| 53 | Metal-Free Arylation of Carboxylic Acid by Active Diaryliodonium(III) Intermediates Generated in situ from Iodosoarenes. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3503-3508. | 4.3 | 33 |
| 54 | Facile and efficient carboalkoxylation and carboaryloxylation of amines. <i>Journal of Organic Chemistry</i> , 1980, 45, 4519-4522. | 3.2 | 32 |

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|----|--|------|-----------|
| 55 | Asymmetric Pummerer-Type Reactions Induced by O-Silylated Ketene Acetals. <i>Synlett</i> , 1996, 1996, 289-296. | 1.8 | 32 |
| 56 | O-silylated ketene acetal chemistry ¹ ; divinylloxysilane derivatives as novel and useful bifunctional protecting agents for h-acidic materials. <i>Tetrahedron Letters</i> , 1983, 24, 1273-1276. | 1.4 | 31 |
| 57 | Highly asymmetric Pummerer-type reaction induced by ethoxy vinyl esters. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 303-310. | 1.8 | 30 |
| 58 | A Highly Efficient Macrolactonization Method via Ethoxyvinyl Ester. <i>Chemistry - A European Journal</i> , 2009, 15, 3526-3537. | 3.3 | 30 |
| 59 | Pummerer-type Cyclization of Arnstein Tripeptide Analogs Induced by O-Silylated Ketene Acetals: Studies of Penicillin Biosynthesis. <i>Journal of the American Chemical Society</i> , 1994, 116, 5116-5121. | 13.7 | 29 |
| 60 | New Site-Selective Organoradical Based on Hypervalent Iodine Reagent for Controlled Alkane sp ³ C-H Oxidations. <i>ChemCatChem</i> , 2014, 6, 76-78. | 3.7 | 29 |
| 61 | Efficient N-arylation of azole compounds utilizing selective aryl-transfer TMP-iodonium(III) reagents. <i>Tetrahedron Letters</i> , 2019, 60, 1281-1286. | 1.4 | 29 |
| 62 | Enzyme-catalyzed asymmetrization of 2,2-disubstituted 1,3-propanediols using 1-ethoxyvinyl esters. <i>Tetrahedron Letters</i> , 1997, 38, 4243-4246. | 1.4 | 26 |
| 63 | Enantiodivergent Synthesis of Either Enantiomer of ABCDE-Ring Analogue of Antitumor Antibiotic Fredericamycin A via Intramolecular [4 + 2] Cycloaddition Approach. <i>Organic Letters</i> , 2001, 3, 4015-4018. | 4.6 | 26 |
| 64 | Protecting-group-free catalytic asymmetric total synthesis of (â ⁺)-rosmarinicine. <i>Tetrahedron</i> , 2012, 68, 7295-7301. | 1.9 | 26 |
| 65 | Asymmetric Total Synthesis of Fredericamycin A: An Intramolecular Cycloaddition Pathway. <i>Chemistry - A European Journal</i> , 2005, 11, 6286-6297. | 3.3 | 25 |
| 66 | 1-alkoxyvinyl esters: renaissance of half-century-old acyl donors with potential applicability. <i>Chemical Record</i> , 2004, 4, 363-372. | 5.8 | 24 |
| 67 | Ketene silyl acetal chemistry; diastereofacial selectivity of 1,3-addition of chiral nitrones. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 761. | 2.0 | 23 |
| 68 | 1-Ethoxyvinyl 2-furoate, an efficient acyl donor for the lipase-catalyzed enantioselective desymmetrization of prochiral 2,2-disubstituted propane-1,3-diols and meso-1,2-diols. <i>Chemical Communications</i> , 2000, , 1461-1462. | 4.1 | 23 |
| 69 | The chemistry of O-silylated ketene acetals: Synthesis of N-benzoyl-L-daunosamine.. <i>Chemical and Pharmaceutical Bulletin</i> , 1989, 37, 1446-1451. | 1.3 | 22 |
| 70 | A novel asymmetric pummerer reaction induced by ethoxy vinyl ester. <i>Tetrahedron Letters</i> , 1994, 35, 3575-3576. | 1.4 | 20 |
| 71 | An efficient preparation of peri-hydroxy dihydroquinone derivatives through a pummerer-type rearrangement of silylene-protected peri-hydroxy aromatic sulfoxides. <i>Tetrahedron Letters</i> , 1996, 37, 7545-7548. | 1.4 | 20 |
| 72 | A novel efficient sulfonylation method using quinone mono-O,S-acetals under mild conditions. <i>Chemical Communications</i> , 1997, , 1387-1388. | 4.1 | 19 |

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|----|--|-----|-----------|
| 73 | A Mild and Efficient Method for Semmler-Wolff Aromatization; A Versatile Route to <i>o</i> -Alkoxy-, <i>m</i> -Halogeno-, and <i>m</i> -Thiocyanato-acetanilides. <i>Synthesis</i> , 1980, 1980, 887-889. | 2.3 | 18 |
| 74 | (Trimethylsilyl)ethoxyacetylene. An Effective Reagent for Mild Dehydrative Condensation of Carboxylic Acids and α -Acidic Materials. <i>Synthesis</i> , 1989, 1989, 334-337. | 2.3 | 17 |
| 75 | Controlled couplings of quinone monoacetals using reusable polystyrene-anchored specific proton catalyst. <i>Tetrahedron</i> , 2012, 68, 8424-8430. | 1.9 | 17 |
| 76 | Asymmetric Diels-Alder reaction via enzymatic kinetic resolution using ethoxyvinyl methyl fumarate. <i>Chemical Communications</i> , 1998, , 1183-1184. | 4.1 | 15 |
| 77 | Lipase-catalyzed enantioselective desymmetrization of prochiral 3,3-bis(hydroxymethyl)oxindoles. <i>Tetrahedron Letters</i> , 2001, 42, 7315-7317. | 1.4 | 14 |
| 78 | Enantioselective pummerer-type rearrangement by reaction of <i>O</i> -silylated ketene acetal with enantiopure β -substituted sulfoxides. <i>Tetrahedron Letters</i> , 1994, 35, 9733-9736. | 1.4 | 13 |
| 79 | Regioselective Nucleophilic Addition of Methoxybenzene Derivatives to the β -Carbon of <i>p</i> -Benzoquinone Mono <i>O,S</i> -Acetal. <i>Chemical and Pharmaceutical Bulletin</i> , 2001, 49, 1658-1659. | 1.3 | 13 |
| 80 | Oxidative Coupling of <i>N</i> -Methoxyamides and Related Compounds toward Aromatic Hydrocarbons by Designer β -Oxo Hypervalent Iodine Catalyst. <i>Synthesis</i> , 2019, 51, 1185-1195. | 2.3 | 13 |
| 81 | Reaction of 2-arylcylohex-2-enones with hydroxylamine. Isoxazole ring formation. <i>Chemical and Pharmaceutical Bulletin</i> , 1981, 29, 3226-3231. | 1.3 | 12 |
| 82 | Controlled-Coupling of Quinone Monoacetals by New Activation Methods: Regioselective Synthesis of Phenol-Derived Compounds. <i>Synlett</i> , 2019, 30, 1125-1143. | 1.8 | 12 |
| 83 | Pummerer-type rearrangement on aromatic rings: an unprecedented ipso-substitution of the sulfinyl group of <i>p</i> -sulfinylphenyl ethers into oxygen functional groups leading to protected dihydroquinone derivatives. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 2319. | 2.0 | 11 |
| 84 | Lipase-Catalyzed Asymmetric Desymmetrization of Prochiral 2,2-Disubstituted 1,3-Propanediols Using 1-Ethoxyvinyl Benzoate. <i>Chemical and Pharmaceutical Bulletin</i> , 2000, 48, 1519-1523. | 1.3 | 11 |
| 85 | A new arylation of silyl enol ethers by quinone monoacetal substitution. <i>Tetrahedron Letters</i> , 2015, 56, 3046-3051. | 1.4 | 11 |
| 86 | Selective carboxylation of reactive benzylic C-H bonds by a hypervalent iodine(III)/inorganic bromide oxidation system. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 1087-1094. | 2.2 | 10 |
| 87 | Ligand- and Counterion-Assisted Phenol <i>o</i> -Arylation with TMP-Iodonium(III) Acetates. <i>Organic Letters</i> , 2022, 24, 1924-1928. | 4.6 | 10 |
| 88 | β -Oxo-Hypervalent-Iodine-Catalyzed Oxidative C-H Amination for Synthesis of Benzolactam Derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , 2022, 70, 106-110. | 1.3 | 8 |
| 89 | 1-Alkoxyvinyl Ester as an Excellent Acyl Donor: Efficient Macrolactone Synthesis. <i>Journal of Organic Chemistry</i> , 2021, 86, 3683-3696. | 3.2 | 6 |
| 90 | [3 + 2] Coupling of Quinone Monoacetals with Vinyl Ethers Effected by Tetrabutylammonium Triflate: Regiocontrolled Synthesis of 2-Oxygenated Dihydrobenzofurans. <i>Organic Letters</i> , 2021, 23, 9025-9029. | 4.6 | 5 |

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|----|--|-----|-----------|
| 91 | New Synthesis of Tetrahydrobenzodifurans by Iterative Coupling of Quinone Monoacetals with Alkene Nucleophiles. <i>Heterocycles</i> , 2016, 93, 295. | 0.7 | 3 |