

Wei-min Dai

List of Publications by Year in descending order

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134
papers

4,322
citations

117625

34
h-index

128289

60
g-index

174
all docs

174
docs citations

174
times ranked

2823
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Chemistry and Biology of Taxol. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 15-44. | 4.4 | 605 |
| 2 | Designed Enediynes: A New Class of DNA-Cleaving Molecules with Potent and Selective Anticancer Activity. <i>Science</i> , 1992, 256, 1172-1178. | 12.6 | 314 |
| 3 | Design, synthesis, and study of simple monocyclic conjugated enediynes. The 10-membered ring enediyne moiety of the enediyne anticancer antibiotics. <i>Journal of the American Chemical Society</i> , 1992, 114, 7360-7371. | 13.7 | 153 |
| 4 | Chemie und Biologie von Taxol. <i>Angewandte Chemie</i> , 1994, 106, 38-69. | 2.0 | 130 |
| 5 | New general asymmetric synthesis of versatile γ -alkylated butenolides and its application to expeditious synthesis of the chiral Geissman-Waiss lactones useful for (+)-retronecine synthesis. <i>Journal of Organic Chemistry</i> , 1989, 54, 5211-5217. | 3.2 | 107 |
| 6 | Molecular design, chemical synthesis, kinetic studies, calculations, and biological studies of novel enediynes equipped with triggering, detection, and deactivating devices. Model dynemicin A epoxide and cis-diol systems. <i>Journal of the American Chemical Society</i> , 1993, 115, 7944-7953. | 13.7 | 94 |
| 7 | Generation of an Aromatic Amide-Derived Phosphane (Aphos) Library by Self-Assisted Molecular Editing and Applications of Aphos in Room-Temperature Suzuki-Miyaura Reactions. <i>Chemistry - A European Journal</i> , 2008, 14, 5538-5554. | 3.3 | 92 |
| 8 | Molecular design and chemical synthesis of potent enediynes. 2. Dynemicin model systems equipped with C-3 triggering devices and evidence for quinone methide formation in the mechanism of action of dynemicin A. <i>Journal of the American Chemical Society</i> , 1992, 114, 8908-8921. | 13.7 | 91 |
| 9 | Highly diastereoselective alkylation of chiral tin(II) enolates onto cyclic acyl imines. An efficient asymmetric synthesis of bicyclic alkaloids bearing a nitrogen atom ring juncture. <i>Journal of Organic Chemistry</i> , 1990, 55, 1148-1156. | 3.2 | 81 |
| 10 | Molecular design and chemical synthesis of potent enediynes. 1. Dynemicin model systems equipped with N-tethered triggering devices. <i>Journal of the American Chemical Society</i> , 1992, 114, 8890-8907. | 13.7 | 79 |
| 11 | Chemistry of aminophenols. Part 3: First synthesis of nitrobenzo[b]furans via a coupling-cyclization approach. <i>Tetrahedron Letters</i> , 2002, 43, 9377-9380. | 1.4 | 76 |
| 12 | Chemistry of aminophenols. Part 1: Remarkable additive effect on Sonogashira cross-coupling of 2-carboxamidoaryl triflates and application to novel synthesis of indoles. <i>Tetrahedron Letters</i> , 2001, 42, 5275-5278. | 1.4 | 73 |
| 13 | A Novel Class of Nonbiaryl Atropisomeric P,O-Ligands for Palladium-Catalyzed Asymmetric Allylic Alkylation. <i>Organic Letters</i> , 2002, 4, 1615-1618. | 4.6 | 73 |
| 14 | Chiral ligands derived from abrine. Part 6: Importance of a bulky N-alkyl group in indole-containing chiral β^2 -tertiary amino alcohols for controlling enantioselectivity in addition of diethylzinc toward aldehydes. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 2315-2337. | 1.8 | 68 |
| 15 | Microwave-assisted one-pot U-4CR and intramolecular O-alkylation toward heterocyclic scaffolds. <i>Tetrahedron</i> , 2006, 62, 6774-6781. | 1.9 | 67 |
| 16 | Extremely short chiral synthesis of bicyclic alkaloids having a nitrogen atom ring juncture. <i>Journal of the American Chemical Society</i> , 1988, 110, 289-291. | 13.7 | 64 |
| 17 | Microwave-Assisted Solid-Phase Organic Synthesis (MASPOS) as a Key Step for an Indole Library Construction. <i>Organic Letters</i> , 2003, 5, 2919-2922. | 4.6 | 64 |
| 18 | Total Synthesis of Amphidinolide Y by Formation of Trisubstituted (E)-Double Bond via Ring-Closing Metathesis of Densely Functionalized Alkenes. <i>Organic Letters</i> , 2007, 9, 2585-2588. | 4.6 | 60 |

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|----|--|------|-----------|
| 19 | A family of simple amide-derived air-stable P,O-ligands for Suzuki cross-coupling of unactivated aryl chlorides. <i>Tetrahedron Letters</i> , 2005, 46, 1377-1381. | 1.4 | 55 |
| 20 | Chemistry of aminophenols. Part 2: A general and efficient synthesis of indoles possessing a nitrogen substituent at the C4, C5, C6, and C7 positions. <i>Tetrahedron Letters</i> , 2002, 43, 7699-7702. | 1.4 | 53 |
| 21 | A novel class of amide-derived air-stable P,O-ligands for Suzuki cross-coupling at low catalyst loading. <i>Tetrahedron Letters</i> , 2004, 45, 1999-2001. | 1.4 | 51 |
| 22 | The first example of atropisomeric amide-derived P,O-ligands used for an asymmetric Heck reaction. <i>Tetrahedron</i> , 2004, 60, 4425-4430. | 1.9 | 50 |
| 23 | Asymmetric Wittig reactions of chiral arsonium ylides. Part 3: Reversal of stereochemistry caused by metal cation in enantioselective olefination of 4-substituted cyclohexanones using a C2-symmetric chiral arsine. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 2187-2191. | 1.8 | 48 |
| 24 | Microwave-assisted one-pot regioselective synthesis of 2-alkyl-3,4-dihydro-3-oxo-2H-1,4-benzoxazines. <i>Tetrahedron</i> , 2005, 61, 6879-6885. | 1.9 | 47 |
| 25 | Air-stable P-stereogenic secondary phosphine oxides as chiral monodentate ligands for asymmetric catalytic carbon-carbon bond formation. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2821-2826. | 1.8 | 46 |
| 26 | Lewis acid-catalyzed formation of Ugi four-component reaction product from Passerini three-component reaction system without an added amine. <i>Tetrahedron</i> , 2007, 63, 12866-12876. | 1.9 | 43 |
| 27 | Novel enediynes equipped with triggering and detection devices. Isolation of cis-diol models of the dynamycin a cascade. <i>Journal of the American Chemical Society</i> , 1991, 113, 9878-9880. | 13.7 | 40 |
| 28 | Stepwise and one-pot cross-coupling-heteroannulation approaches toward 2-substituted C5-, C6-, and C7-nitroindoles. <i>Tetrahedron</i> , 2004, 60, 10983-10992. | 1.9 | 40 |
| 29 | Synthesis of cis-Enediynes from 1,5-Diynes by Rearrangement of an Allylic Double Bond. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 779-781. | 4.4 | 39 |
| 30 | Diastereoselective alkylation of chiral tin (II) enolates onto cyclic acyl iminium ions. Asymmetric total synthesis of (-)-supinidine. <i>Tetrahedron</i> , 1990, 46, 6361-6380. | 1.9 | 36 |
| 31 | One-pot regioselective annulation toward 3,4-dihydro-3-oxo-2H-1,4-benzoxazine scaffolds under controlled microwave heating. <i>Tetrahedron</i> , 2006, 62, 4635-4642. | 1.9 | 36 |
| 32 | DNA Cleavage Potency, Cytotoxicity, and Mechanism of Action of a Novel Class of Enediyne Prodrugs. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 758-761. | 6.4 | 35 |
| 33 | Efficient Remote Axial-to-Central Chirality Transfer in Enantioselective SmI ₂ -Mediated Reductive Coupling of Aldehydes with Crotonates of Atropisomeric 1-Naphthamides. <i>Journal of Organic Chemistry</i> , 2006, 71, 2445-2455. | 3.2 | 35 |
| 34 | Highly regioselective Wittig reactions of cyclic ketones with a stabilized phosphorus ylide under controlled microwave heating. <i>Tetrahedron Letters</i> , 2004, 45, 4401-4404. | 1.4 | 34 |
| 35 | Chiral ligands derived from Abrine. 2. Oxazolidines as promoters for enantioselective addition of diethylzinc toward aromatic aldehydes. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 1245-1248. | 1.8 | 33 |
| 36 | Asymmetric wittig reaction of chiral arsonium ylides-I. Asymmetric olefination of 4-substituted cyclohexanones. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 1979-1982. | 1.8 | 33 |

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|----|---|------|-----------|
| 37 | A Concise Total Synthesis of Amphidinolide T2. <i>Chemistry - A European Journal</i> , 2010, 16, 11530-11534. | 3.3 | 33 |
| 38 | Microwave-assisted tandem Wittigâ€intramolecular Dielsâ€Alder cycloaddition. Product distribution and stereochemical assignment. <i>Tetrahedron</i> , 2006, 62, 8360-8372. | 1.9 | 31 |
| 39 | Influence of Alkyl Substituent on the Asynchronous Transition Structure of Boron-Catalyzed Diels-Alder Cycloaddition of .alpha.,.beta.-Unsaturated Aldehydes with 1,1-Dimethyl-1,3-butadiene Derivatives. <i>Journal of Organic Chemistry</i> , 1995, 60, 8128-8129. | 3.2 | 30 |
| 40 | Synthesis and DNA Cleavage Study of a 10-Membered Ring Eneidyne Formed via Allylic Rearrangement. <i>Journal of Organic Chemistry</i> , 1999, 64, 682-683. | 3.2 | 30 |
| 41 | First synthesis of dioxadithiaporphycene with a benzene ring fused onto the double bond. <i>Tetrahedron Letters</i> , 2000, 41, 10277-10280. | 1.4 | 30 |
| 42 | In(OTf) ₃ â€Catalyzed Highly Chemoâ€and Regioselective Headâ€toâ€Tail Heterodimerization of Vinylarenes with 1,1â€Diarylethenes. <i>Chemistry - A European Journal</i> , 2011, 17, 8290-8293. | 3.3 | 30 |
| 43 | Microwave-Assisted Intramolecular Ullmann Diaryl Etherification as the Post-Ugi Annulation for Generation of Dibenz[b,f][1,4]oxazepine Scaffold. <i>Journal of Organic Chemistry</i> , 2016, 81, 10392-10403. | 3.2 | 30 |
| 44 | Diversity-Oriented Synthesis and Solid-Phase Organic Synthesis Under Controlled Microwave Heating. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2007, 10, 837-856. | 1.1 | 29 |
| 45 | Regioselective Synthesis of Acyclicis-Eneidyne via an Acid-Catalyzed Rearrangement of 1,2-Dialkynylalyl Alcohols. Syntheses, Computational Calculations, and Mechanismâ€. <i>Journal of Organic Chemistry</i> , 1999, 64, 5062-5082. | 3.2 | 27 |
| 46 | Asymmetric Wittig reactions of chiral arsonium ylides. Part 2: Atroposelective olefination of axially chiral N,N-dialkyl 2-formyl-1-naphthamides. <i>Tetrahedron Letters</i> , 2001, 42, 2541-2544. | 1.4 | 27 |
| 47 | Synthesis of 3-Arylideneindolin-2-ones from 2-Aminophenols by Ugi Four-Component Reaction and Heck Carbocyclization. <i>Synlett</i> , 2008, 2008, 2716-2720. | 1.8 | 27 |
| 48 | Study on enantiomerically pure 2-substituted N,N-dialkyl-1-naphthamides: resolution, absolute stereochemistry, and application to desymmetrization of cyclic meso anhydrides. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1603-1613. | 1.8 | 26 |
| 49 | Chiral ligands derived from Abrine. 3. Asymmetric Pictet-Spengler reaction of Abrine methyl ester and synthesis of chiral 1,2,3,4-tetrahydro-Î²-carbolines as promoters in addition of diethylzinc toward aromatic aldehydes. <i>Tetrahedron Letters</i> , 1996, 37, 5971-5974. | 1.4 | 25 |
| 50 | An Engineered Linker Capable of Promoting On-Resin Reactions for Microwave-Assisted Solid-Phase Organic Synthesis. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7255-7258. | 13.8 | 25 |
| 51 | Natural Product Inspired Design of Eneidyne Prodrugs via Rearrangement of an Allylic Double Bond. <i>Current Medicinal Chemistry</i> , 2003, 10, 2265-2283. | 2.4 | 24 |
| 52 | Total Synthesis of Amphidinolide X and Its 12Z-Isomer by Formation of the C12-C13 Trisubstituted Double Bond via Ring-Closing Metathesis. <i>Synlett</i> , 2008, 2008, 1737-1741. | 1.8 | 24 |
| 53 | Intramolecular Nozakiâ€Hiyamaâ€Kishi reactions and Ln(III)-catalyzed allylic rearrangement as the key steps towards 10-membered ring eneidyne. <i>Tetrahedron Letters</i> , 2001, 42, 4211-4214. | 1.4 | 23 |
| 54 | Structures and Total Syntheses of the Plecomacrolides. <i>Current Medicinal Chemistry</i> , 2005, 12, 1947-1993. | 2.4 | 22 |

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|----|---|------|-----------|
| 55 | Isolation and characterization of 2-alkylaminobenzo[b]furans. Evidence for competing O-arylation in Cu-catalyzed intramolecular amidation. <i>Tetrahedron Letters</i> , 2007, 48, 401-404. | 1.4 | 22 |
| 56 | An Efficient and Reliable Catalyst System Using Hemilabile APhos for <i>trans</i> -Alkyl Suzuki–Miyaura Cross-coupling Reaction with Alkenyl Halides. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 831-835. | 2.4 | 22 |
| 57 | Chiral ligands derived from Abrine. 1. Synthesis of <i>sec</i> - and <i>tert</i> - β -amino alcohols and catalysis for enantioselective addition of diethylzinc toward aromatic aldehydes. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 1857-1860. | 1.8 | 21 |
| 58 | First synthesis of a highly strained cyclodeca-1,5-diyne skeleton via intramolecular Sonogashira cross-coupling. <i>Tetrahedron Letters</i> , 2001, 42, 81-83. | 1.4 | 20 |
| 59 | Chiral ligands derived from abrine. Part 7: Effect of O, S, N in aromatic ring substituents at C-1 on enantioselectivity induced by tetrahydro- β -carboline ligands in diethylzinc addition to aldehydes. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 2613-2619. | 1.8 | 20 |
| 60 | Synthesis of atropisomeric 2,8-dioxygenated N,N-diisopropyl-1-naphthamides via kinetic resolution under Sharpless asymmetric dihydroxylation conditions. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 525-535. | 1.8 | 20 |
| 61 | Determination of absolute configuration of 2-methyl-1-(<i>o</i> -tolyl)naphthalene and the related axially chiral biaryls. <i>Tetrahedron</i> , 2011, 67, 9072-9079. | 1.9 | 20 |
| 62 | Asymmetric Total Synthesis of the Highly Strained 4 β -Acetoxypobotryane-9 β ,15 α -diol. <i>Journal of the American Chemical Society</i> , 2020, 142, 19868-19873. | 13.7 | 20 |
| 63 | On the mechanism of activation of designed enediynes with selective cytotoxicity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1992, 2, 1155-1160. | 2.2 | 19 |
| 64 | First synthesis of <i>cis</i> -enediynes from 1,5-diyne by an acid-mediated allylic rearrangement. <i>Tetrahedron Letters</i> , 1996, 37, 8413-8416. | 1.4 | 19 |
| 65 | Acid-mediated three-component aza-Diels–Alder reactions of 2-aminophenols under controlled microwave heating for synthesis of highly functionalized tetrahydroquinolines. Part 9: Chemistry of aminophenols. <i>Tetrahedron</i> , 2006, 62, 11200-11206. | 1.9 | 19 |
| 66 | Tandem Wittig–intramolecular Diels–Alder cycloaddition of ester-tethered 1,3,9-decatrienes under microwave heating. <i>Tetrahedron</i> , 2011, 67, 179-192. | 1.9 | 19 |
| 67 | Synthesis of the Conjugated Tetraene Acid Side Chain of Mycolactone E by Suzuki–Miyaura Cross-coupling Reaction of Alkenyl Boronates. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 323-330. | 2.4 | 19 |
| 68 | Effects of structural modification on the DNA binding properties and photo-induced cleavage reactivity of propargylic sulfones conjugated with an anthraquinone structure. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 4427-4432. | 3.0 | 18 |
| 69 | Highly Chemoselective Acylation of Substituted Aminophenols with 3-(Trimethylacetyl)-1,3-thiazolidine-2-thione. <i>Tetrahedron</i> , 1995, 51, 12263-12276. | 1.9 | 17 |
| 70 | Neighboring nucleophilic group assisted rearrangement of allylic esters under Eu(fod) ₃ catalysis. <i>Tetrahedron Letters</i> , 2001, 42, 4215-4218. | 1.4 | 17 |
| 71 | Synthesis of the C1–C12 acid fragment of amphidinolide T marine macrolides via SmI ₂ -mediated enantioselective reductive coupling of aldehydes with a chiral crotonate. <i>Tetrahedron</i> , 2009, 65, 6828-6833. | 1.9 | 17 |
| 72 | Total synthesis of diastereomeric marine butenolides possessing a syn-aldol subunit at C10 and C11 and the related C11-ketone. <i>Tetrahedron</i> , 2010, 66, 187-196. | 1.9 | 17 |

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|----|---|-----|-----------|
| 73 | Synthesis, reaction, and cytotoxicity of novel propargylic sulfones. <i>Tetrahedron Letters</i> , 1995, 36, 5613-5616. | 1.4 | 16 |
| 74 | Regiocontrolled synthesis of cis-enediynes via intramolecular trapping of allylic cations. <i>Tetrahedron Letters</i> , 1998, 39, 8149-8152. | 1.4 | 16 |
| 75 | Chiral ligands derived from abrine. Part 5: Substituent effects on asymmetric induction in enantioselective addition of diethylzinc to benzaldehyde catalyzed by chiral oxazolidines possessing an indole moiety. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 2879-2888. | 1.8 | 16 |
| 76 | Toward a Total Synthesis of Divergolide A; Synthesis of the Amido Hydro-quinone Core and the C10-C15 Fragment. <i>Synlett</i> , 2012, 23, 2845-2849. | 1.8 | 16 |
| 77 | Total Synthesis of Laingolide B Stereoisomers and Assignment of Absolute Configuration. <i>Organic Letters</i> , 2018, 20, 3358-3361. | 4.6 | 16 |
| 78 | DNA cleavage of novel propargylic sulfones. Enhancement of potency via intercalating interaction. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996, 6, 1093-1098. | 2.2 | 15 |
| 79 | Stereoselective synthesis of (Z)-ketoenynes via Pd(0)-Cu(I)-catalyzed cross-coupling of (Z)-ketoenol triflate with 1-alkynes. <i>Tetrahedron</i> , 1997, 53, 9107-9114. | 1.9 | 15 |
| 80 | General stereoselective synthesis of (E)-exo-alkylidene tetrahydrofurans via base-mediated cyclization of hydroxyl propargylic sulfones. <i>Tetrahedron</i> , 1998, 54, 12497-12512. | 1.9 | 15 |
| 81 | New synthesis of two optically active steroid CD ring synthons by microbial asymmetric reduction. <i>Tetrahedron</i> , 1985, 41, 4475-4482. | 1.9 | 14 |
| 82 | Synthesis and DNA cleavage reaction characteristics of enediyne prodrugs activated via an allylic rearrangement by base or UV irradiation. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 3199-3209. | 3.0 | 14 |
| 83 | Microwave-assisted regioselective olefinations of cyclic mono- and di-ketones with a stabilized phosphorus ylide. <i>Tetrahedron</i> , 2006, 62, 4643-4650. | 1.9 | 14 |
| 84 | Synthesis of C13-C25 Fragment of 24-Demethylbafilomycin C1 via Diastereoselective Aldol Reactions of a Ketone Boron Enolate as the Key Step. <i>Journal of Organic Chemistry</i> , 2007, 72, 4953-4960. | 3.2 | 14 |
| 85 | Unexpected epimerization and stereochemistry revision of IMDA adducts from sorbate-related 1,3,8-nonatrienes. <i>Tetrahedron Letters</i> , 2007, 48, 6543-6547. | 1.4 | 14 |
| 86 | Synthesis of Anti-Microtubule (2-Arylindol-7-yl)benzenesulfonamide Derivatives and Their Antitumor Mechanisms. <i>ChemMedChem</i> , 2010, 5, 1489-1497. | 3.2 | 14 |
| 87 | Collective total synthesis of botryanes. <i>Tetrahedron</i> , 2019, 75, 1739-1745. | 1.9 | 13 |
| 88 | Remarkable tethering effect on DNA cleavage of propargylic sulfone conjugates with intercalating moieties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998, 8, 169-174. | 2.2 | 12 |
| 89 | Synthesis of 5-alkyl-5-aryl- β -lactams from 1-aryl-substituted nitroalkanes and methyl acrylate via Michael addition and reductive lactamization. <i>Tetrahedron</i> , 2014, 70, 3839-3846. | 1.9 | 12 |
| 90 | Eu(fod) ₃ -catalyzed tandem regiospecific rearrangement of divinyl alkoxyacetates and Diels-Alder reaction. <i>Tetrahedron Letters</i> , 2000, 41, 7101-7105. | 1.4 | 11 |

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|-----|---|-----|-----------|
| 91 | C-N Bond-Linked Conjugates of Dibenz[b,f][1,4]oxazepines with 2-Oxindole. <i>Synlett</i> , 2006, 2006, 2099-2103. | 1.8 | 11 |
| 92 | Synthesis of 5-alkyl-5-aryl-1-pyrroline N-oxides from 1-aryl-substituted nitroalkanes and acrolein via Michael addition and nitro-reductive cyclization. <i>Tetrahedron</i> , 2014, 70, 6384-6391. | 1.9 | 11 |
| 93 | Eu(fod) ₃ -Catalyzed rearrangement of allylic esters possessing a chelating site. Application to enediyne synthesis. <i>Tetrahedron Letters</i> , 1999, 40, 2397-2400. | 1.4 | 9 |
| 94 | Bifunctional 2-naphthyl propargylic sulfones exhibiting high DNA intercalating and alkylating activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999, 9, 2789-2794. | 2.2 | 9 |
| 95 | Photo-Induced DNA cleavage reaction characteristics of propargylic sulfones possessing anthraquinone chromophore. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 5311-5316. | 3.0 | 9 |
| 96 | Total synthesis of (4S,10R)-4-hydroxy-10-methyl-11-oxododec-2-en-1,4-olide and related bioactive marine butenolides. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 1549-1556. | 1.8 | 9 |
| 97 | Synthesis of C3-C12 Fragment of 24-Demethylbafilomycin C1 via anti-Selective Aldol Condensation as the Key Stereocontrol Step. <i>Synlett</i> , 2008, 2008, 1013-1016. | 1.8 | 9 |
| 98 | Increasing appendage diversity on 3,4-dihydro-3-oxo-2H-1,4-benzoxazines via APhos-Pd(OAc) ₂ -catalyzed Suzuki-Miyaura cross-coupling of aryl chlorides. <i>Tetrahedron</i> , 2013, 69, 10488-10496. | 1.9 | 9 |
| 99 | Synthesis of the C18-C26 tetrahydrofuran-containing fragment of amphidinolide C congeners via tandem asymmetric dihydroxylation and S _N 2 cyclization. <i>Tetrahedron</i> , 2018, 74, 1546-1554. | 1.9 | 9 |
| 100 | Synthesis of Two Diastereomeric C1-C7 Acid Fragments of Amphidinolactone B Using Alkyl Suzuki-Miyaura Cross-Coupling as the Modular Assembly Step. <i>ChemistrySelect</i> , 2016, 1, 1022-1027. | 1.5 | 7 |
| 101 | Diastereoselective synthesis of trans-3,5-disubstituted dihydrofuran-2(3H)-ones via SmI ₂ -mediated reductive coupling of 2-alkylacrylates of N,N-diisopropyl-2-hydroxybenzamide with aldehydes. <i>Tetrahedron</i> , 2016, 72, 664-673. | 1.9 | 7 |
| 102 | Synthesis and Cytotoxicity of Enediyne Prodrugs with 3-Hydroxy-4-(arylmethylidene)cyclodeca-1,5-diyne Scaffolds. <i>Letters in Drug Design and Discovery</i> , 2004, 1, 69-72. | 0.7 | 6 |
| 103 | Assembly of 1,3-Dihydro-2H-3-benzazepin-2-one Conjugates via Ugi Four-Component Reaction and Palladium-Catalyzed Hydroamidation. <i>Synlett</i> , 2009, 2009, 1162-1166. | 1.8 | 6 |
| 104 | Synthesis of Highly Functionalized Benzofuran-2-carboxamides by Ugi Four-Component Reaction and Microwave-Assisted Rap-Stoermer Reaction. <i>Synlett</i> , 2014, 25, 2019-2024. | 1.8 | 6 |
| 105 | Synthesis of the C6-C18 bis-tetrahydrofuran fragment of the proposed structure of iriomoteolide-2a via stepwise double S _N 2 cyclization reactions. <i>Tetrahedron</i> , 2019, 75, 1795-1807. | 1.9 | 6 |
| 106 | Microwave-Assisted, Palladium-Catalyzed Intramolecular Direct Arylation for the Synthesis of Novel Fused Heterocycles. <i>Synlett</i> , 2007, 2007, 2728-2732. | 1.8 | 5 |
| 107 | A model study on installation of (Z)- ¹³ C-methylglutaconic acid onto the 3-aminophenol core of divergolide A. <i>Tetrahedron</i> , 2015, 71, 4779-4787. | 1.9 | 5 |
| 108 | Two distinct epoxide ring opening pathways in a monocyclic model system of the kedarcidin chromophore. <i>Tetrahedron Letters</i> , 1998, 39, 4091-4094. | 1.4 | 4 |

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|-----|---|-----|-----------|
| 109 | Evidences for adduct formation between intracellular non-protein thiols and nitroazoles possessing an α,β -unsaturated carbonyl side chain and the effects on radiosensitization of hypoxic cells. <i>Bioorganic and Medicinal Chemistry</i> , 1999, 7, 2591-2598. | 3.0 | 4 |
| 110 | A New Synthesis of Tetrahydrofuran Fragment of Amphidinolides X and Y. <i>Synlett</i> , 2006, 2006, 1177-1180. | 1.8 | 4 |
| 111 | Synthesis of C18-C28 ketone fragment of micromonosporide B possessing 1,3-diene and 1,3-anti-diol functionalities. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1864-1870. | 1.8 | 4 |
| 112 | Intramolecular Diels-Alder Cycloaddition Approach toward the <i>cis</i> -Fused β -5,6-Hexahydroisoindol-1-one Core of Cytochalasins. <i>Organic Letters</i> , 2019, 21, 830-834. | 4.6 | 4 |
| 113 | Stereoselectivity of Intramolecular Diels-Alder Reaction of Hydroxamate-Tethered 1,3,9-Decatrienes under Thermal and Microwave Heating. <i>Synlett</i> , 2009, 2009, 2862-2866. | 1.8 | 3 |
| 114 | A Concise Total Synthesis of Amphidin B. <i>Chinese Journal of Chemistry</i> , 2013, 31, 105-110. | 4.9 | 3 |
| 115 | Influence of Appended Groups on the Formation of 16-Membered Macrolactone Core Related to the Plecomacrolides via Diene-Ene Ring-Closing Metathesis. <i>Synlett</i> , 2009, 2009, 2361-2365. | 1.8 | 2 |
| 116 | Structural Effect on Eu(fod) ₃ -Catalyzed Rearrangement of Allylic Esters. <i>Chinese Journal of Chemistry</i> , 2003, 21, 772-783. | 4.9 | 2 |
| 117 | Generation of Molecular Shape Diversity. From Privileged Scaffolds to Diverted Total Synthesis. <i>Diversity Oriented Synthesis</i> , 2012, 1, . | 0.2 | 2 |
| 118 | Synthesis of the C19-C30 bis-THF fragment of iriomoteolide-13a via stepwise SN2 cyclization and intramolecular syn-oxypalladation. <i>Organic Chemistry Frontiers</i> , 0, , . | 4.5 | 2 |
| 119 | Synthesis of N-Arylisoindolin-1-ones via Pd-Catalyzed Intramolecular Decarbonylative Coupling of N-(2-Bromobenzyl)oxanilic Acid Phenyl Esters. <i>Synlett</i> , 2010, 2010, 1075-1080. | 1.8 | 1 |
| 120 | Synthesis of Two Diastereomers of Iriomoteolide-1a via a Tunable Four-Module Coupling Approach Using Ring-Closing Metathesis as the Key Step. <i>Synlett</i> , 2011, 2011, 1774-1778. | 1.8 | 1 |
| 121 | Total Synthesis of Amphidinolide T3 Using Ring-Closing Metathesis and Asymmetric Dihydroxylation Strategy. <i>Synlett</i> , 2011, 2011, 895-898. | 1.8 | 1 |
| 122 | Chemistry of Aminophenols. Part 2. A General and Efficient Synthesis of Indoles Possessing a Nitrogen Substituent at the C4, C5, C6, and C7 Positions.. <i>ChemInform</i> , 2003, 34, no. | 0.0 | 0 |
| 123 | Asymmetric Wittig Reactions of Chiral Arsonium Ylides. Part 3. Reversal of Stereochemistry Caused by Metal Cation in Enantioselective Olefination of 4-Substituted Cyclohexanones Using a C2-Symmetric Chiral Arsine.. <i>ChemInform</i> , 2003, 34, no. | 0.0 | 0 |
| 124 | Chemistry of Aminophenols. Part 3. First Synthesis of Nitrobenzo[b]furans via a Coupling-Cyclization Approach.. <i>ChemInform</i> , 2003, 34, no. | 0.0 | 0 |
| 125 | Air-Stable P-Stereogenic Secondary Phosphine Oxides as Chiral Monodentate Ligands for Asymmetric Catalytic Carbon-Carbon Bond Formation.. <i>ChemInform</i> , 2004, 35, no. | 0.0 | 0 |
| 126 | A Novel Class of Amide-Derived Air-Stable P,O-Ligands for Suzuki Cross-Coupling at Low Catalyst Loading.. <i>ChemInform</i> , 2004, 35, no. | 0.0 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Highly Regioselective Wittig Reactions of Cyclic Ketones with a Stabilized Phosphorus Ylide under Controlled Microwave Heating.. ChemInform, 2004, 35, no. | 0.0 | 0 |
| 128 | Chemistry of Aminophenols. Part 4. Stepwise and One-Pot Cross-Coupling/Heteroannulation Approaches Toward 2-Substituted C5-, C6-, and C7-Nitroindoles.. ChemInform, 2005, 36, no. | 0.0 | 0 |
| 129 | A Family of Simple Amide-Derived Air-Stable P,O-Ligands for Suzuki Cross-Coupling of Unactivated Aryl Chlorides.. ChemInform, 2005, 36, no. | 0.0 | 0 |
| 130 | Chemistry of Aminophenols. Part 5. Microwave-Assisted One-Pot Regioselective Synthesis of 2-Alkyl-3,4-dihydro-3-oxo-2H-1,4-benzoxazines.. ChemInform, 2005, 36, no. | 0.0 | 0 |
| 131 | Synthesis of the C7-C23 Fragment Related to Iriomoteolide-1a via B-Alkyl Suzuki-Miyaura Cross-Coupling and Indium-Mediated Aldehyde Allylation. Synlett, 2010, 2010, 2184-2188. | 1.8 | 0 |
| 132 | Concise Diverted Total Synthesis of Amphidinolide T1 and T4 from a (12E)-Cycloalkene by Selective Functionalization of the C12-C13 Double Bond. Synlett, 2011, 2011, 3036-3040. | 1.8 | 0 |
| 133 | One-Pot Synthesis of Dibenz[b,f][1,4]oxazepines via Mg(ClO ₄) ₂ -Catalyzed Ugi Four-Component Reaction and Microwave-Assisted Intramolecular S _N Ar. Diversity Oriented Synthesis, 2014, 1, . | 0.2 | 0 |
| 134 | Special memorial issue for Professor Wei-Shan Zhou. Tetrahedron, 2019, 75, 1573-1575. | 1.9 | 0 |