

Ran Hong

List of Publications by Year in descending order

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75
papers

2,586
citations

236925

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101
all docs

101
docs citations

101
times ranked

2330
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Asymmetric Friedel-Crafts Reaction of Indoles with Imines by an Organic Catalyst. <i>Journal of the American Chemical Society</i> , 2006, 128, 8156-8157. | 13.7 | 311 |
| 2 | Catalytic Asymmetric Cyanosilylation of Ketones with Chiral Lewis Base. <i>Journal of the American Chemical Society</i> , 2003, 125, 9900-9901. | 13.7 | 209 |
| 3 | Construction of Quaternary Stereocenters by Efficient and Practical Conjugate Additions to α,β -Unsaturated Ketones with a Chiral Organic Catalyst. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 947-950. | 13.8 | 199 |
| 4 | Asymmetric Synthesis of Chiral Aldehydes by Conjugate Additions with Bifunctional Organocatalysis by Cinchona Alkaloids. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4301-4305. | 13.8 | 179 |
| 5 | Catalytic asymmetric allylation of carbonyl compounds and imines with allylic boronates. <i>Organic Chemistry Frontiers</i> , 2014, 1, 303-320. | 4.5 | 179 |
| 6 | Chiral Silver Phosphate-Catalyzed Cycloisomeric Kinetic Resolution of α -Allenic Alcohols. <i>Journal of the American Chemical Society</i> , 2012, 134, 4096-4099. | 13.7 | 86 |
| 7 | Bioinspired and Concise Synthesis of (α)- ϵ -Stemoamide. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2787-2790. | 13.8 | 80 |
| 8 | Monofluorovinyl Tosylate: A Useful Building Block for the Synthesis of Terminal Vinyl Monofluorides via Suzuki-Miyaura Coupling. <i>Organic Letters</i> , 2011, 13, 560-563. | 4.6 | 68 |
| 9 | A New Reagent System for Modified Ullmann-Type Coupling Reactions: $\text{NiCl}_2(\text{PPh}_3)_2/\text{PPh}_3/\text{Zn}/\text{NaH}/\text{Toluene}$. <i>Journal of Organic Chemistry</i> , 2001, 66, 2877-2880. | 3.2 | 64 |
| 10 | Constructive innovation of approaching bicyclo[3.2.1]octane in ent-kauranoids. <i>Tetrahedron Letters</i> , 2015, 56, 23-31. | 1.4 | 64 |
| 11 | Total Synthesis of (α)-Cafestol: A Late-Stage Construction of the Furan Ring Inspired by a Biosynthesis Strategy. <i>Organic Letters</i> , 2014, 16, 2162-2165. | 4.6 | 61 |
| 12 | Highly Stereoselective γ -Endo-Trig/Ring Contraction Cascade To Construct Pyrrolo[1,2- <i>a</i>]quinoline Derivatives. <i>Organic Letters</i> , 2010, 12, 1696-1699. | 4.6 | 47 |
| 13 | Synthetic Study on Tetrapetalones: Stereoselective Cyclization of N-Acyliminium Ion To Construct Substituted 1-Benzazepines. <i>Organic Letters</i> , 2009, 11, 4036-4039. | 4.6 | 44 |
| 14 | Stereoselectivity in N -Iminium Ion Cyclization: Development of an Efficient Synthesis of (α)-Cephalotaxine. <i>Organic Letters</i> , 2015, 17, 4444-4447. | 4.6 | 43 |
| 15 | Asymmetric Total Synthesis of (α)-Plicatic Acid via a Highly Enantioselective and Diastereoselective Nucleophilic Epoxidation of Acyclic Trisubstituted Olefins. <i>Journal of the American Chemical Society</i> , 2009, 131, 10384-10385. | 13.7 | 39 |
| 16 | Catalytic Enantioselective Total Syntheses of Bisorbicillinolide, Bisorbicillinol, and Bisorbibutenolide. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3478-3481. | 13.8 | 38 |
| 17 | Enantioselective Total Synthesis of (α)-Hosieine...A. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10940-10943. | 13.8 | 37 |
| 18 | Stereoconfining macrocyclizations in the total synthesis of natural products. <i>Natural Product Reports</i> , 2019, 36, 1546-1575. | 10.3 | 36 |

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|----|--|------|-----------|
| 19 | Nitroso-ene cyclization enabled access to 1-azaspiro[4.4]nonane and its application in a modular synthesis toward (±)-cephalotaxine. <i>Tetrahedron Letters</i> , 2015, 56, 6656-6658. | 1.4 | 30 |
| 20 | Stereoselective $\hat{\pm}$ -Hydroxylation of Amides Using Oppolzer's Sultam as Chiral Auxiliary. <i>Journal of Organic Chemistry</i> , 2016, 81, 3890-3900. | 3.2 | 30 |
| 21 | Construction of Morphan Derivatives by Nitroso-ene Cyclization: Mechanistic Insight and Total Synthesis of (±)-Kopsone. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11599-11603. | 13.8 | 29 |
| 22 | Stereodivergent Synthesis of Functionalized Tetrahydropyrans Accelerated by Mechanism-Based Allylboration and Bioinspired Oxa-Michael Cyclization. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6280-6284. | 13.8 | 27 |
| 23 | A Chiral Pentenolide-Based Unified Strategy toward Dihydrocorynantheol, Dihydrocorynantheol, Protoemetine, Protoemetinol, and Yohimbane. <i>Organic Letters</i> , 2017, 19, 3592-3595. | 4.6 | 27 |
| 24 | Enantioselective Synthesis of (±)-Stemoamide. <i>Synthesis</i> , 2012, 44, 3432-3440. | 2.3 | 26 |
| 25 | Biomimetic Synthesis of Lankacidin Antibiotics. <i>Journal of the American Chemical Society</i> , 2017, 139, 12939-12942. | 13.7 | 26 |
| 26 | Total synthesis of strictamine: a tutorial for novel and efficient synthesis. <i>Organic Chemistry Frontiers</i> , 2018, 5, 447-452. | 4.5 | 24 |
| 27 | Highly stereoselective kinetic resolution of $\hat{\pm}$ -allylic alcohols: an enzymatic approach. <i>Tetrahedron Letters</i> , 2016, 57, 603-606. | 1.4 | 23 |
| 28 | Bioinspired iterative synthesis of polyketides. <i>Frontiers in Chemistry</i> , 2015, 3, 32. | 3.6 | 22 |
| 29 | Catalytic Aza-Wacker Annulation: Tuning Mechanism by the Activation Mode of Amide and Enantioselective Syntheses of Melinonine-E and Strychnoxanthine. <i>Organic Letters</i> , 2018, 20, 2386-2390. | 4.6 | 22 |
| 30 | An Enantioconvergent and Concise Synthesis of Lasonolide...A. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16200-16204. | 13.8 | 22 |
| 31 | Hydroxynitrile Lyase Isozymes from <i>Prunus communis</i> : Identification, Characterization and Synthetic Applications. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1185-1193. | 4.3 | 20 |
| 32 | Structure-Guided Tuning of a Hydroxynitrile Lyase to Accept Rigid Pharmacological Aldehydes. <i>ACS Catalysis</i> , 2020, 10, 5757-5763. | 11.2 | 20 |
| 33 | Synthesis of Polyketide Stereoarrays Enabled by a Traceless Oxonia-Cope Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11600-11604. | 13.8 | 18 |
| 34 | Kinetic Resolution of Diols via Etherification Catalyzed by a Chiral Phosphoric Acid: Concise Synthesis of (+)-Sacidumlignan...D. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 277-280. | 2.7 | 17 |
| 35 | Construction of 3-aryl-1,2,4-benzotriazines via unprecedented rearrangement of bis(benzotriazol-1-yl)methylarenes. <i>Tetrahedron Letters</i> , 2010, 51, 6763-6766. | 1.4 | 16 |
| 36 | Crossing the Ring: A Journey of the Nitroso-ene Reaction. <i>Synlett</i> , 2017, 28, 762-772. | 1.8 | 16 |

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|----|---|------|-----------|
| 37 | Synthesis of (±)-3,3-bis(4-hydroxy-2H-benzopyran): a literature correction. <i>Tetrahedron</i> , 2001, 57, 8685-8689. | 1.9 | 14 |
| 38 | Total Synthesis of (+)-Hinckdentine A: Harnessing Noncovalent Interactions for Organocatalytic Bromination. <i>Jacs Au</i> , 2022, 2, 793-800. | 7.9 | 14 |
| 39 | Total syntheses of melinonine-E and strychnoxanthine: Evolution of the synthetic strategy enabled by novel method development. <i>Tetrahedron</i> , 2018, 74, 5791-5803. | 1.9 | 12 |
| 40 | Landscape of Lankacidin Biomimetic Synthesis: Structural Revisions and Biogenetic Implications. <i>Journal of Organic Chemistry</i> , 2020, 85, 13818-13836. | 3.2 | 12 |
| 41 | Postulated Biogenesis-Guided Total Synthesis and Structural Revision of 2,18- <i>seco</i> -Lankacidinol A. <i>Organic Letters</i> , 2020, 22, 3785-3788. | 4.6 | 11 |
| 42 | Construction of Morphan Derivatives by Nitroso-ene Cyclization: Mechanistic Insight and Total Synthesis of (±)-Kopsone. <i>Angewandte Chemie</i> , 2017, 129, 11757-11761. | 2.0 | 10 |
| 43 | Biomimetic Cationic Cyclization toward <i>ent</i> -Kaurene-type Diterpenoids. <i>Chinese Journal of Chemistry</i> , 2013, 31, 111-118. | 4.9 | 9 |
| 44 | FR901483: Synthetic Efficiency Remains a Challenge. <i>Synthesis</i> , 2019, 51, 2237-2251. | 2.3 | 9 |
| 45 | Stereoselectivity in a nitroso-ene cyclization: Formal synthesis of rac-manzacidins A and C. <i>Tetrahedron</i> , 2019, 75, 1767-1773. | 1.9 | 9 |
| 46 | The Fruit of Gold: Biomimicry in the Syntheses of Lankacidins. <i>Accounts of Chemical Research</i> , 2021, 54, 3438-3451. | 15.6 | 9 |
| 47 | Stereodivergent Synthesis of Functionalized Tetrahydropyrans Accelerated by Mechanism-Based Allylboration and Bioinspired Oxa-Michael Cyclization. <i>Angewandte Chemie</i> , 2016, 128, 6388-6392. | 2.0 | 8 |
| 48 | Stereoselective construction of skipped polyol enabled by oxonia-Cope rearrangement and iodolactonization: enantioselective synthesis of (+)-yashabushitriol. <i>Science China Chemistry</i> , 2016, 59, 1197-1204. | 8.2 | 8 |
| 49 | Concise synthesis and revision of the proposed biogenesis of helicascolides. <i>Tetrahedron Letters</i> , 2017, 58, 4459-4464. | 1.4 | 8 |
| 50 | Research Progress on Nitroso-ene Reaction. <i>Chinese Journal of Organic Chemistry</i> , 2012, 32, 1776. | 1.3 | 8 |
| 51 | Chemoenzymatic construction of chiral alkenyl acetylenic alcohol, a key building block to access diastereoisomers of polyacetylenes. <i>Bioresources and Bioprocessing</i> , 2015, 2, . | 4.2 | 7 |
| 52 | Aza-Bellu-Claisen Rearrangement-Enabled Synthesis of Racemic Tapentadol and Its Stereoisomers. <i>Chinese Journal of Chemistry</i> , 2013, 31, 317. | 4.9 | 6 |
| 53 | Pinacol coupling going in a photocatalytic asymmetric manner: construction of chiral vicinal amino alcohols. <i>Science China Chemistry</i> , 2018, 61, 509-510. | 8.2 | 6 |
| 54 | A High-Throughput Screening Method for the Directed Evolution of Hydroxynitrile Lyase towards Cyanohydrin Synthesis. <i>ChemBioChem</i> , 2021, 22, 996-1000. | 2.6 | 6 |

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|----|--|-----|-----------|
| 55 | Reinventing the wheel for enabling the synthesis of hinckdentine A. <i>Tetrahedron Letters</i> , 2021, 67, 152880. | 1.4 | 6 |
| 56 | Structure-Based Optimization of 3-Phenyl- <i>N</i> -(2-(3-phenylureido)ethyl)thiophene-2-sulfonamide Derivatives as Selective Mcl-1 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 10260-10285. | 6.4 | 6 |
| 57 | A stereotetrad-centered approach toward pironetin: Dead ends, Detour, and evolution of the synthetic strategy. <i>Tetrahedron</i> , 2020, 76, 131660. | 1.9 | 5 |
| 58 | A Modular Synthesis of Antitumor Macrolide (â€“)â€“Lasonolide A^{â€“}. <i>Chinese Journal of Chemistry</i> , 2020, 38, 725-736. | 4.9 | 5 |
| 59 | Development of a Nonenzymatic Kinetic Resolution of $\hat{\pm}$ -Allenic Alcohols. <i>Synlett</i> , 2012, 23, 2729-2734. | 1.8 | 4 |
| 60 | Synthesis of (â€“)â€“Bakuchiol via a Potâ€“Economy Approach. <i>Chinese Journal of Chemistry</i> , 2014, 32, 715-720. | 4.9 | 4 |
| 61 | Pursuing effective Gram-negative antibiotics: The chemical synthesis of negamycin. <i>Tetrahedron Letters</i> , 2018, 59, 2112-2127. | 1.4 | 4 |
| 62 | Stereodivergent Synthesis of Lankacyclinol and Its C2/C18-Congeners Enabled by a Bioinspired Mannich Reaction. <i>Journal of Organic Chemistry</i> , 2021, 86, 10991-11005. | 3.2 | 4 |
| 63 | Total synthesis of LC-KA05, the proposed structure of LC-KA05-2, and 2,18-seco-lankacidinol B: A quest to revisit lankacidin biosynthesis. <i>Tetrahedron</i> , 2021, 88, 132141. | 1.9 | 4 |
| 64 | Study on the total synthesis of velbanamine: Chemoselective dioxygenation of alkenes with PIFA via a stop-and-flow strategy. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 983-990. | 2.2 | 3 |
| 65 | An Enantioconvergent and Concise Synthesis of Lasonolideâ€“...A. <i>Angewandte Chemie</i> , 2018, 130, 16432-16436. | 2.0 | 3 |
| 66 | Awakening Sleeping Beauty: Vinyl Esters for Macrolactonization. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1022-1024. | 4.9 | 3 |
| 67 | Stereoselective Access to Polypropionates Expedited by the Double Hydroboration of Allenes: Total Synthesis of Antitumor (â€“)-Pironetin. <i>CCS Chemistry</i> , 2021, 3, 769-779. | 7.8 | 3 |
| 68 | A Bridge to Alkaloid Synthesis. <i>Chemical Record</i> , 2022, 22, . | 5.8 | 3 |
| 69 | Potent Antibiotic Lemonomycin: A Glimpse of Its Discovery, Origin, and Chemical Synthesis. <i>Molecules</i> , 2022, 27, 4324. | 3.8 | 3 |
| 70 | Methods and Strategies for the Synthesis of Peduncularine. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 47. | 1.3 | 2 |
| 71 | The Special Issue Dedicated to the Memory of Professor Wei-Shan Zhou. <i>Chinese Journal of Chemistry</i> , 2013, 31, 5-5. | 4.9 | 1 |
| 72 | Integration of novel strategy and methods: total synthesis of antitumor lasonolide A. <i>Strategies and Tactics in Organic Synthesis</i> , 2019, , 107-138. | 0.1 | 1 |

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|----|---|------|-----------|
| 73 | Catalytic Asymmetric Cyanosilylation of Ketones with Chiral Lewis Base.. ChemInform, 2003, 34, no. | 0.0 | 0 |
| 74 | Construction of Quaternary Stereocenters by Efficient and Practical Conjugate Additions to $\hat{1}\pm, \hat{1}^2$ -Unsaturated Ketones with a Chiral Organic Catalyst. Angewandte Chemie - International Edition, 2006, 45, 1498-1498. | 13.8 | 0 |
| 75 | Special memorial issue for Professor Wei-Shan Zhou. Tetrahedron, 2019, 75, 1573-1575. | 1.9 | 0 |