

Ran Hong

List of Publications by Year in descending order

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75
papers

2,586
citations

236925

25
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197818

49
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101
all docs

101
docs citations

101
times ranked

2330
citing authors

#	ARTICLE	IF	CITATIONS
1	A Bridge to Alkaloid Synthesis. <i>Chemical Record</i> , 2022, 22, .	5.8	3
2	Total Synthesis of (+)-Hinckdentine A: Harnessing Noncovalent Interactions for Organocatalytic Bromination. <i>Jacs Au</i> , 2022, 2, 793-800.	7.9	14
3	Potent Antibiotic Lemonomycin: A Glimpse of Its Discovery, Origin, and Chemical Synthesis. <i>Molecules</i> , 2022, 27, 4324.	3.8	3
4	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
5	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
6	Awakening Sleeping Beauty: Vinyl Esters for Macrolactonization. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1022-1024.	4.9	3
7	Stereoselective Access to Polypropionates Expedited by the Double Hydroboration of Allenes: Total Synthesis of Antitumor (âˆ“)Pironetin. <i>CCS Chemistry</i> , 2021, 3, 769-779.	7.8	3
8	Reinventing the wheel for enabling the synthesis of hinckdentine A. <i>Tetrahedron Letters</i> , 2021, 67, 152880.	1.4	6
9	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
10	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
11	The Fruit of Gold: Biomimicry in the Syntheses of Lankacidins. <i>Accounts of Chemical Research</i> , 2021, 54, 3438-3451.	15.6	9
12	Landscape of Lankacidin Biomimetic Synthesis: Structural Revisions and Biogenetic Implications. <i>Journal of Organic Chemistry</i> , 2020, 85, 13818-13836.	3.2	12
13	A stereotetrad-centered approach toward pironetin: Dead ends, Detour, and evolution of the synthetic strategy. <i>Tetrahedron</i> , 2020, 76, 131660.	1.9	5
14	A Modular Synthesis of Antitumor Macrolide (âˆ“)Lasonolide A ⁺ . <i>Chinese Journal of Chemistry</i> , 2020, 38, 725-736.	4.9	5
15	Structure-Guided Tuning of a Hydroxynitrile Lyase to Accept Rigid Pharmacological Aldehydes. <i>ACS Catalysis</i> , 2020, 10, 5757-5763.	11.2	20
16	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
17	FR901483: Synthetic Efficiency Remains a Challenge. <i>Synthesis</i> , 2019, 51, 2237-2251.	2.3	9
18	Special memorial issue for Professor Wei-Shan Zhou. <i>Tetrahedron</i> , 2019, 75, 1573-1575.	1.9	0

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19	Stereoconfining macrocyclizations in the total synthesis of natural products. <i>Natural Product Reports</i> , 2019, 36, 1546-1575.	10.3	36
20	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
21	Stereoselectivity in a nitroso-ene cyclization: Formal synthesis of rac-manzacidins A and C. <i>Tetrahedron</i> , 2019, 75, 1767-1773.	1.9	9
22	Methods and Strategies for the Synthesis of Peduncularine. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 47.	1.3	2
23	Pursuing effective Gram-negative antibiotics: The chemical synthesis of negamycin. <i>Tetrahedron Letters</i> , 2018, 59, 2112-2127.	1.4	4
24	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
25	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
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	An Enantioconvergent and Concise Synthesis of Lasonolideâ€¦A. <i>Angewandte Chemie</i> , 2018, 130, 16432-16436.	2.0	3
28	An Enantioconvergent and Concise Synthesis of Lasonolideâ€¦A. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16200-16204.	13.8	22
29	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
30	Crossing the Ring: A Journey of the Nitroso-ene Reaction. <i>Synlett</i> , 2017, 28, 762-772.	1.8	16
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	A Chiral Pentenolide-Based Unified Strategy toward Dihydrocorynantheol, Dihydrocorynantheol, Protoemetine, Protoemetinol, and Yohimbane. <i>Organic Letters</i> , 2017, 19, 3592-3595.	4.6	27
33	Concise synthesis and revision of the proposed biogenesis of helicascolides. <i>Tetrahedron Letters</i> , 2017, 58, 4459-4464.	1.4	8
34	Biomimetic Synthesis of Lankacidin Antibiotics. <i>Journal of the American Chemical Society</i> , 2017, 139, 12939-12942.	13.7	26
35	Construction of Morphan Derivatives by Nitrosoâ€“Ene Cyclization: Mechanistic Insight and Total Synthesis of (Â±)â€“Kopsone. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11599-11603.	13.8	29
36	Construction of Morphan Derivatives by Nitrosoâ€“Ene Cyclization: Mechanistic Insight and Total Synthesis of (Â±)â€“Kopsone. <i>Angewandte Chemie</i> , 2017, 129, 11757-11761.	2.0	10

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37	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
38	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
39	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
40	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
41	Highly stereoselective kinetic resolution of $\hat{\pm}$ -allylic alcohols: an enzymatic approach. <i>Tetrahedron Letters</i> , 2016, 57, 603-606.	1.4	23
42	Enantioselective Total Synthesis of ($\hat{\pm}$)-Hosieine...A. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10940-10943.	13.8	37
43	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
44	Bioinspired iterative synthesis of polyketides. <i>Frontiers in Chemistry</i> , 2015, 3, 32.	3.6	22
45	Nitroso-ene cyclization enabled access to 1-azaspiro[4.4]nonane and its application in a modular synthesis toward ($\hat{\pm}$)-cephalotaxine. <i>Tetrahedron Letters</i> , 2015, 56, 6656-6658.	1.4	30
46	Stereoselectivity in <i>N</i> -Iminium Ion Cyclization: Development of an Efficient Synthesis of ($\hat{\pm}$)-Cephalotaxine. <i>Organic Letters</i> , 2015, 17, 4444-4447.	4.6	43
47	Constructive innovation of approaching bicyclo[3.2.1]octane in ent-kauranoids. <i>Tetrahedron Letters</i> , 2015, 56, 23-31.	1.4	64
48	Kinetic Resolution of Diols via Etherification Catalyzed by a Chiral Phosphoric Acid: Concise Synthesis of (+)-acidum lignan...D. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 277-280.	2.7	17
49	Synthesis of ($\hat{\pm}$)-bakuchiol via a Pot-Economy Approach. <i>Chinese Journal of Chemistry</i> , 2014, 32, 715-720.	4.9	4
50	Catalytic asymmetric allylation of carbonyl compounds and imines with allylic boronates. <i>Organic Chemistry Frontiers</i> , 2014, 1, 303-320.	4.5	179
51	Synthesis of Polyketide Stereoarrays Enabled by a Traceless Oxonia-Cope Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11600-11604.	13.8	18
52	Total Synthesis of ($\hat{\pm}$)-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
53	Aza-Bellu-Claisen Rearrangement-Enabled Synthesis of Racemic Tapentadol and Its Stereoisomers. <i>Chinese Journal of Chemistry</i> , 2013, 31, 317.	4.9	6
54	Biomimetic Cationic Cyclization toward ent-kaurene-type Diterpenoids. <i>Chinese Journal of Chemistry</i> , 2013, 31, 111-118.	4.9	9

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55	The Special Issue Dedicated to the Memory of Professor Wei-Shan Zhou. Chinese Journal of Chemistry, 2013, 31, 5-5.	4.9	1
56	Study on the total synthesis of velbanamine: Chemoselective dioxygenation of alkenes with PIFA via a stop-and-flow strategy. Beilstein Journal of Organic Chemistry, 2013, 9, 983-990.	2.2	3
57	Development of a Nonenzymatic Kinetic Resolution of $\hat{\pm}$ -Allenic Alcohols. Synlett, 2012, 23, 2729-2734.	1.8	4
58	Enantioselective Synthesis of ($\hat{\epsilon}$)-Stemoamide. Synthesis, 2012, 44, 3432-3440.	2.3	26
59	Chiral Silver Phosphate-Catalyzed Cycloisomeric Kinetic Resolution of $\hat{\pm}$ -Allenic Alcohols. Journal of the American Chemical Society, 2012, 134, 4096-4099.	13.7	86
60	Research Progress on Nitroso-ene Reaction. Chinese Journal of Organic Chemistry, 2012, 32, 1776.	1.3	8
61	Monofluorovinyl Tosylate: A Useful Building Block for the Synthesis of Terminal Vinyl Monofluorides via Suzuki-Miyaura Coupling. Organic Letters, 2011, 13, 560-563.	4.6	68
62	Bioinspired and Concise Synthesis of ($\hat{\pm}$)-Stemoamide. Angewandte Chemie - International Edition, 2011, 50, 2787-2790.	13.8	80
63	Construction of 3-aryl-1,2,4-benzotriazines via unprecedented rearrangement of bis(benzotriazol-1-yl)methylarenes. Tetrahedron Letters, 2010, 51, 6763-6766.	1.4	16
64	Highly Stereoselective $\langle i \rangle$ 7-Endo-Trig $\langle /i \rangle$ Ring Contraction Cascade To Construct Pyrrolo[1,2- $\langle i \rangle$ a $\langle /i \rangle$]quinoline Derivatives. Organic Letters, 2010, 12, 1696-1699.	4.6	47
65	Asymmetric Total Synthesis of ($\hat{\sim}$)-Plicatic Acid via a Highly Enantioselective and Diastereoselective Nucleophilic Epoxidation of Acyclic Trisubstituted Olefins. Journal of the American Chemical Society, 2009, 131, 10384-10385.	13.7	39
66	Synthetic Study on Tetrapetalones: Stereoselective Cyclization of N-Acyliminium Ion To Construct Substituted 1-Benzazepines. Organic Letters, 2009, 11, 4036-4039.	4.6	44
67	Asymmetric Friedel-Crafts Reaction of Indoles with Imines by an Organic Catalyst. Journal of the American Chemical Society, 2006, 128, 8156-8157.	13.7	311
68	Construction of Quaternary Stereocenters by Efficient and Practical Conjugate Additions to $\hat{\pm}$, $\hat{\beta}$ -Unsaturated Ketones with a Chiral Organic Catalyst. Angewandte Chemie - International Edition, 2006, 45, 947-950.	13.8	199
69	Asymmetric Synthesis of Chiral Aldehydes by Conjugate Additions with Bifunctional Organocatalysis by Cinchona Alkaloids. Angewandte Chemie - International Edition, 2006, 45, 4301-4305.	13.8	179
70	Construction of Quaternary Stereocenters by Efficient and Practical Conjugate Additions to $\hat{\pm}$, $\hat{\beta}$ -Unsaturated Ketones with a Chiral Organic Catalyst. Angewandte Chemie - International Edition, 2006, 45, 1498-1498.	13.8	0
71	Catalytic Enantioselective Total Syntheses of Bisorbicillinolide, Bisorbicillinol, and Bisorbibutenolide. Angewandte Chemie - International Edition, 2005, 44, 3478-3481.	13.8	38
72	Catalytic Asymmetric Cyanosilylation of Ketones with Chiral Lewis Base.. ChemInform, 2003, 34, no.	0.0	0

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73	Catalytic Asymmetric Cyanosilylation of Ketones with Chiral Lewis Base. <i>Journal of the American Chemical Society</i> , 2003, 125, 9900-9901.	13.7	209
74	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
75	Synthesis of (±)-3,3'-bis(4-hydroxy-2H-benzopyran): a literature correction. <i>Tetrahedron</i> , 2001, 57, 8685-8689.	1.9	14