

Haibo Mei

List of Publications by Year in descending order

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99
papers

3,977
citations

101543

36
h-index

133252

59
g-index

101
all docs

101
docs citations

101
times ranked

2718
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile synthesis of (Î²-chlorodifluoroethyl)phosphonates via chlorination reaction of difluoroalkyl diazo derivatives with HCl. <i>Chinese Chemical Letters</i> , 2022, 33, 2429-2432.	9.0	13
2	Assembly of tetracyclic tetrahydrocarbazoles via a visible-light promoted cascade process. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2516-2521.	4.5	13
3	Intramolecular Appel Reaction of Trifluoromethylated Î²-Keto Diazos Enabling Assembly of Trifluoromethylpyrazoles. <i>Organic Letters</i> , 2022, 24, 2258-2263.	4.6	11
4	Visible-Light-Irradiated Cascade Reaction of Indole-Tethered Alkenes to Access Tetracyclic Tetrahydro-Î³-carbolines. <i>Organic Letters</i> , 2022, 24, 2630-2635.	4.6	17
5	Visible-light-irradiated tandem sulfonylation/cyclization of indole tethered alkenes for the synthesis of tetrahydrocarbazoles. <i>Chinese Chemical Letters</i> , 2022, 33, 4886-4890.	9.0	12
6	One-Pot Reaction of (Î²-Amino-Î±,Î±-difluoroethyl)phosphonates with Trifluoromethylated Ketones via Aza-Wittig Reagents. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1969-1974.	4.3	8
7	Design of (Î²-diazo-Î±,Î±-difluoroethyl)phosphonates and their application as masked carbenes in visible light-promoted coupling reactions with sulfonic acids. <i>Organic Chemistry Frontiers</i> , 2021, 8, 767-772.	4.5	20
8	Esterification of Carboxylic Acids with (Î²-Diazo-Î±,Î±-difluoroethyl)phosphonates under Photochemical Conditions. <i>Acta Chimica Sinica</i> , 2021, 79, 747.	1.4	17
9	Recent Advances in Synthesis of Difluoromethylene Phosphonates for Biological Applications. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 2912-2968.	4.3	42
10	Chemical Aspects of Human and Environmental Overload with Fluorine. <i>Chemical Reviews</i> , 2021, 121, 4678-4742.	47.7	202
11	Fluorine-containing pharmaceuticals approved by the FDA in 2020: Synthesis and biological activity. <i>Chinese Chemical Letters</i> , 2021, 32, 3342-3354.	9.0	79
12	Asymmetric Synthesis of Î±-Difluorinated Î²-Amino Sulfones through Detrifluoroacetylative Mannich Reactions. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 3035-3038.	2.4	6
13	Synthesis of Isothiazoles through N-Propargylsulfinylamide: TFA-Promoted Sulfinyl Group-Involved Intramolecular Cyclization. <i>Organic Letters</i> , 2021, 23, 6941-6945.	4.6	6
14	[3+2] Cycloaddition reactions of Î²-diazo-Î±,Î±-difluoromethylphosphonates with Î±,Î²-unsaturated esters. <i>Journal of Fluorine Chemistry</i> , 2021, 251, 109899.	1.7	8
15	Electrosynthesis of functionalized tetrahydrocarbazoles via sulfonylation triggered cyclization reaction of indole derivatives. <i>Green Chemistry</i> , 2021, 23, 3256-3260.	9.0	19
16	In Situ Generation of Unstable Difluoromethylphosphonate-Containing Diazoalkanes and Their Use in [3 + 2] Cycloaddition Reactions with Vinyl Sulfones. <i>Organic Letters</i> , 2021, 23, 1130-1134.	4.6	22
17	Aldol Addition-Cyclization Reaction Cascade on a Platform of Chiral Ni(II) Complex of Glycine Schiff Base. <i>Ukrainica Bioorganica Acta</i> , 2021, 16, 3-9.	0.2	1
18	Applications of fluorine-containing amino acids for drug design. <i>European Journal of Medicinal Chemistry</i> , 2020, 186, 111826.	5.5	150

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19	Asymmetric Mannich reactions of (S)-N-tert-butylsulfinyl-3,3,3-trifluoroacetaldimines with yne nucleophiles. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 2671-2678.	2.2	5
20	Frontispiece: Tailorâ€Made Amino Acids and Fluorinated Motifs as Prominent Traits in Modern Pharmaceuticals. <i>Chemistry - A European Journal</i> , 2020, 26, .	3.3	2
21	Sulfurationâ€Triggered Radical Cyclization of <i>o</i>â€Cyanoarylacrylamides to 3â€Thiomethylated Quinolineâ€2,4â€dione. <i>ChemistrySelect</i> , 2020, 5, 14534-14537.	1.5	3
22	Tailorâ€Made Amino Acids and Fluorinated Motifs as Prominent Traits in Modern Pharmaceuticals. <i>Chemistry - A European Journal</i> , 2020, 26, 11349-11390.	3.3	81
23	Chemistry of electrochemical oxidative reactions of sulfinate salts. <i>Green Chemistry</i> , 2020, 22, 3028-3059.	9.0	63
24	A Selectfluor-promoted oxidative reaction of disulfides and amines: access to sulfinamides. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 3761-3766.	2.8	8
25	Fluorine-containing drugs approved by the FDA in 2019. <i>Chinese Chemical Letters</i> , 2020, 31, 2401-2413.	9.0	153
26	Michael addition reactions of chiral glycine Schiff base Ni (II)â€complex with 1â€(1â€phenylsulfonyl)benzene. <i>Chirality</i> , 2020, 32, 885-893.	2.6	7
27	Practical Method for Preparation of (<i>S</i>)-2-Amino-5,5,5-trifluoropentanoic Acid via Dynamic Kinetic Resolution. <i>ACS Omega</i> , 2019, 4, 11844-11851.	3.5	22
28	Frontispiece: Fluorineâ€Containing Drugs Approved by the FDA in 2018. <i>Chemistry - A European Journal</i> , 2019, 25, .	3.3	2
29	Electrochemical Alkoxylation Difunctionalization of Styrene Derivatives Using Sodium Sulfonates as Sulfonyl Sources. <i>ACS Omega</i> , 2019, 4, 14353-14359.	3.5	26
30	Perfluoro-3-ethyl-2,4-dimethyl-3-pentyl persistent radical: A new reagent for direct, metal-free radical trifluoromethylation and polymer initiation. <i>Journal of Fluorine Chemistry</i> , 2019, 227, 109370.	1.7	13
31	Chemistry of detrifluoroacetylately<i>in situ</i> generated fluoro-enolates. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 762-775.	2.8	25
32	Asymmetric Vinylogous Mukaiyamaâ€Mannich Reactions of Heterocyclic Siloxy Dienes with Ellman's Fluorinated Aldimines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3860-3867.	4.3	6
33	Convenient Asymmetric Synthesis of Fmoc-(S)-6,6,6-Trifluoro-Norleucine. <i>Symmetry</i> , 2019, 11, 578.	2.2	24
34	Fluorineâ€Containing Drugs Approved by the FDA in 2018. <i>Chemistry - A European Journal</i> , 2019, 25, 11797-11819.	3.3	341
35	Effect of substituents on the configurational stability of the stereogenic nitrogen in metal(II) complexes of 1â€amino acid Schiff bases. <i>Chirality</i> , 2019, 31, 401-409.	2.6	5
36	Recent Advances on the Electrochemical Difunctionalization of Alkenes/Alkynes. <i>Chinese Journal of Chemistry</i> , 2019, 37, 292-301.	4.9	122

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37	Detrfluoroacetylative in Situ Generated Cyclic Fluorinated Enolates for the Preparation of Compounds Featuring a C-F Stereogenic Center. ACS Omega, 2019, 4, 19505-19512.	3.5	14
38	Electrochemical Dehydrogenative Phosphorylation of Alcohols for the Synthesis of Organophosphinates. Journal of Organic Chemistry, 2019, 84, 949-956.	3.2	47
39	Expedient Asymmetric Synthesis of (S)-2-Amino-4,4,4-trifluorobutanoic Acid via Alkylation of Chiral Nucleophilic Glycine Equivalent. Organic Process Research and Development, 2019, 23, 629-634.	2.7	28
40	Palladium-Catalyzed Asymmetric Allylic Alkylations of Colby Pro-Enolates with MBH Carbonates: Enantioselective Access to Quaternary C-F Oxindoles. Chemistry - A European Journal, 2018, 24, 8994-8998.	3.3	42
41	An electrochemical oxidative homo-coupling reaction of imidazopyridine heterocycles to biheteroaryls. Green Chemistry, 2018, 20, 583-587.	9.0	56
42	Synthesis of Chiral Sulfonyl Lactones via Copper-Catalyzed Asymmetric Radical Reaction of DABCO-SO ₂ . Advanced Synthesis and Catalysis, 2018, 360, 1060-1065.	4.3	104
43	Recent progress in the application of fluorinated chiral sulfinimine reagents. Journal of Fluorine Chemistry, 2018, 216, 57-70.	1.7	22
44	Electrochemical Alkynyl/Alkenyl Migration for the Radical Difunctionalization of Alkenes. Chemistry - A European Journal, 2018, 24, 17205-17209.	3.3	48
45	Merging Photoredox and Copper Catalysis: Enantioselective Radical Cyanoalkylation of Styrenes. ACS Catalysis, 2018, 8, 7489-7494.	11.2	116
46	Electrochemical oxidative radical oxysulfuration of styrene derivatives with thiols and nucleophilic oxygen sources. Green Chemistry, 2018, 20, 3444-3449.	9.0	88
47	Detrfluoroacetylative cascade reactions of bicyclic fluoro-enolates with ortho-phthalaldehyde: Aspects of reactivity, diastereo- and enantioselectivity. Journal of Fluorine Chemistry, 2017, 196, 14-23.	1.7	12
48	Catalytic Enantioselective Cyano-Trifluoromethylation of Styrenes. ChemistrySelect, 2017, 2, 1129-1132.	1.5	17
49	Metal-free nitroxyl radical-mediated I ² -C(sp ³)-H amination of saturated ketones with heteroaryl halides: multiple roles of TEMPO. Chemical Communications, 2017, 53, 2958-2961.	4.1	11
50	I ² -Amino-I ³ -difluoro-I ¹⁰ -phosphonoglutamic Acid Derivatives: An Unexplored, Multifaceted Structural Type of Tailor-Made I ² -Amino Acids. European Journal of Organic Chemistry, 2017, 2017, 3451-3456.	2.4	10
51	Ni-Catalyzed Reductive Cross-Coupling of Amides with Aryl Iodide Electrophiles via C-N Bond Activation. Organic Letters, 2017, 19, 2536-2539.	4.6	101
52	Catalytic asymmetric aldol addition reactions of 3-fluoro-indolinone derived enolates. Organic and Biomolecular Chemistry, 2017, 15, 311-315.	2.8	24
53	Catalytic Enantioselective Michael Addition Reactions of Tertiary Enolates Generated by Detrfluoroacetylation. Chemistry - A European Journal, 2017, 23, 11221-11225.	3.3	19
54	Copper(II) Acetate-Catalyzed Hydroxysulfonylation-Initiated Lactonization of Unsaturated Carboxylic Acids with Oxygen as Oxidant and Oxygenation Reagent. Advanced Synthesis and Catalysis, 2017, 359, 1684-1690.	4.3	34

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55	Transition-metal-free oxidative reaction of hydrazines and potassium metabisulfite for preparation of sulfonohydrazides. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1313-1317.	4.5	62
56	Detrfluoroacetylative generation and chemistry of fluorine containing tertiary enolates. <i>Journal of Fluorine Chemistry</i> , 2017, 198, 2-9.	1.7	22
57	Photoredox-Catalyzed Cascade Difluoroalkylation and Intramolecular Cyclization for Construction of Fluorinated β -Butyrolactones. <i>Journal of Organic Chemistry</i> , 2017, 82, 9824-9831.	3.2	61
58	Visible-Light Photoredox Catalyzed Oxidative/Reductive Cyclization Reaction of <i>N</i> -Cyanamide Alkenes for the Synthesis of Sulfonated Quinazolinones. <i>Organic Letters</i> , 2017, 19, 4798-4801.	4.6	75
59	Chemoselective <i>S_N</i> Alkylations of Detrfluoroacetylative In Situ Generated 3-Fluoroindolin-2-one-Derived Tertiary Enolates with Morita-Baylis-Hillman Carbonates. <i>Journal of Organic Chemistry</i> , 2017, 82, 13663-13670.	3.2	19
60	Unusual reactivity of fluoro-enolates with dialkyl azodicarboxylates: Synthesis of isatin-hydrazones. <i>Journal of Fluorine Chemistry</i> , 2017, 203, 99-103.	1.7	8
61	Copper-Catalyzed Selective Aerobic Oxidative Cascade Reaction of Hydrazines, DABSO, and Amines for the Direct Synthesis of Sulfonamides. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 153-156.	2.7	40
62	Cascade alkylation of substituted <i>N</i> -allylbenzamides for the construction of dihydroisoquinolin-1(2 <i>H</i>)-ones and isoquinoline-1,3(2 <i>H</i>),4 <i>H</i> -diones. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 301-308.	2.2	31
63	Catalytic cascade aldol-cyclization of tertiary ketone enolates for enantioselective synthesis of keto-esters with a ¹⁸ F quaternary stereogenic center. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7295-7303.	2.8	27
64	New Chiral Reagent for Installation of Pharmacophoric <i>S</i> - or <i>R</i> - <i>N</i> -(Alkoxyphosphono)- <i>N</i> -amino-2,2-difluoroethyl Groups. <i>Chemistry - A European Journal</i> , 2016, 22, 7036-7040.	2.2	24
65	Development and Evaluation of Different Methods for Preparation of Fluorine-Containing <i>R</i> - and <i>S</i> - <i>N</i> - <i>tert</i> -Butanesulfinyl-aldimines. <i>ChemistrySelect</i> , 2016, 1, 4435-4439.	1.5	23
66	Cu-Catalyzed Deoxygenative C2-Sulfonylation Reaction of Quinoline <i>N</i> -Oxides with Sodium Sulfinate. <i>Organic Letters</i> , 2016, 18, 4144-4147.	4.6	135
67	<i>N</i> -Iodosuccinimide-Initiated Spirocyclopropanation of Styrenes with 1,3-Dicarbonyl Compound for the Synthesis of Spirocyclopropanes. <i>Journal of Organic Chemistry</i> , 2016, 81, 6546-6553.	3.2	33
68	<i>N</i> - <i>tert</i> -Butylsulfinyl- β , β , β -trifluoroacetaldimine: Versatile Reagent for Asymmetric Synthesis of Trifluoromethyl-Containing Amines and Amino Acids of Pharmaceutical Importance. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5917-5932.	2.4	52
69	Synthesis of Trisubstituted Vinyl Sulfides via Oxidative Thiolation Initiated Cascade Reaction of Alkynoates with Thiols. <i>Journal of Organic Chemistry</i> , 2016, 81, 9470-9475.	3.2	27
70	Sunlight-promoted cyclization versus decarboxylation in the reaction of alkynoates with <i>N</i> -iodosuccinimide: easy access to 3-iodocoumarins. <i>Green Chemistry</i> , 2016, 18, 3935-3939.	9.0	74
71	Catalytic asymmetric detrfluoroacetylative aldol reactions of aliphatic aldehydes for construction of C-F quaternary stereogenic centers. <i>Journal of Fluorine Chemistry</i> , 2016, 184, 28-35.	1.7	28
72	<i>N</i> -Iodosuccinimide-Promoted Cascade Trifunctionalization of Alkynoates: Access to 1,1-Diiodoalkenes. <i>Organic Letters</i> , 2016, 18, 712-715.	4.6	59

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73	Generalized Approach to Asymmetric Synthesis of α -Substituted α -Amino Acids Bearing CHF ₂ , CBrF ₂ , and CClF ₂ Groups. Asian Journal of Organic Chemistry, 2015, 4, 1020-1024.	2.7	10
74	Recent Progress in the in situ Detrifluoroacetylative Generation of Fluoro Enolates and Their Reactions with Electrophiles. European Journal of Organic Chemistry, 2015, 2015, 6401-6412.	2.4	66
75	Hydroxyalkylation-Initiated Radical Cyclization of N-Allylbenzamide for Direct Construction of Isoquinolinone. Organic Letters, 2015, 17, 2724-2727.	4.6	63
76	Synthesis of α,α -difluoro- α -amino carbonyl-containing sulfonamides and related compounds. Journal of Fluorine Chemistry, 2015, 172, 13-21.	1.7	30
77	Metal-Free Oxidative Functionalization of a C(sp ³)-H Bond Adjacent to Nitrogen and Intramolecular Aromatic Cyclization for the Preparation of 6-Amidophenanthridines. Journal of Organic Chemistry, 2015, 80, 3151-3158.	3.2	41
78	Synthesis of Trifluoromethyl-Containing Vicinal Diamines by Asymmetric Decarboxylative Mannich Addition Reactions. Journal of Organic Chemistry, 2015, 80, 3187-3194.	3.2	39
79	DBU-promoted cyclization of vinyl isocyanides with ethers via the functionalization of a C(sp ³)-H bond for the synthesis of isoquinolines. RSC Advances, 2015, 5, 64961-64965.	3.6	15
80	Asymmetric synthesis of quaternary α -fluoro- α -keto-amines via detrifluoroacetylative Mannich reactions. Chemical Communications, 2015, 51, 9149-9152.	4.1	53
81	Ni-catalyzed asymmetric decarboxylative Mannich reaction for the synthesis of α -trifluoromethyl- α -amino ketones. RSC Advances, 2015, 5, 26811-26814.	3.6	20
82	Oxidative Difunctionalization of Alkynoates through Alkylation and Migration Decarboxylative Arylation. Organic Letters, 2015, 17, 5524-5527.	4.6	52
83	Asymmetric synthesis of amino-benzothiazol derivatives by additions of 2-lithiated benzothiazoles to (S)-N-t-butylsulfinyl-ketimines. RSC Advances, 2015, 5, 3491-3497.	3.6	6
84	Asymmetric synthesis of (1R,2S)-1-amino-2-vinylcyclopropanecarboxylic acid by sequential SN2-SN2 ² dialkylation of (R)-N-(benzyl)proline-derived glycine Schiff base Ni(II) complex. RSC Advances, 2015, 5, 1051-1058.	3.6	27
85	One-pot stereoselective synthesis of α,α -differentiated diamino esters via the sequence of aminochlorination, aziridination and intermolecular S _N 2 reaction. Beilstein Journal of Organic Chemistry, 2014, 10, 1802-1807.	2.2	3
86	Mannich-Type Addition Reactions between Lithium Derivatives of Benzo[<i>c</i>]thiazoles and <i>N</i> -tert-butylsulfinyl- β,β,β -trifluoroacetalimine: Convenient Generalized Synthesis of Bis(benzothiazole)s. European Journal of Organic Chemistry, 2014, 2014, 2429-2433.	2.4	22
87	Concise Asymmetric Synthesis of α -Trifluoromethylated α,α -Diamino Esters through Addition Reactions of Glycine Esters to CF ₃ -Sulfinylimine. European Journal of Organic Chemistry, 2014, 2014, 1445-1451.	2.4	35
88	LDA-promoted asymmetric synthesis of α -trifluoromethyl- α -amino indanone derivatives with virtually complete stereochemical outcome. RSC Advances, 2014, 4, 4763-4768.	3.6	48
89	Operationally convenient method for preparation of sulfonamides containing α,α -difluoro- α -amino carbonyl moiety. Tetrahedron Letters, 2014, 55, 5908-5910.	1.4	44
90	Generalized access to fluorinated α -keto amino compounds through asymmetric additions of α,α -difluoroenolates to CF ₃ -sulfinylimine. Organic and Biomolecular Chemistry, 2014, 12, 7836-7843.	2.8	58

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91	Concise and scalable asymmetric synthesis of 5-(1-amino-2,2,2-trifluoroethyl)thiazolo[3,2-b][1,2,4]triazoles. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2108-2113.	2.8	39
92	Synthesis of chiral <i>N</i> -phosphinyl β -imino esters and their application in asymmetric synthesis of β -amino esters by reduction. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 653-659.	2.2	9
93	Asymmetric Mannich reactions of imidazo[2,1-b]thiazole-derived nucleophiles with (SS)- <i>N</i> -tert-butanesulfinyl (3,3,3)-trifluoroacetalimine. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 8018.	2.8	49
94	Na ₃ PO ₄ -catalyzed aminochlorination reaction of β -nitrostyrenes in water. <i>RSC Advances</i> , 2012, 2, 151-155.	3.6	11
95	Hydrogen-bonding self-assembly of two dimensional (2D) layer structures generating metal-organic nanotubes. <i>CrystEngComm</i> , 2011, 13, 734-737.	2.6	13
96	A facile process for the asymmetric synthesis of β -trifluoromethylated β -amino ketones via addition of ketone enolates to sulfinylimine. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1402.	2.8	51
97	Tetrabenzylhafnium as a New Organometallic Reagent for Imine Addition Resulting in β -Branched Amines. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5783-5786.	2.4	7
98	The combination of benzamides/NCS as nitrogen/halogen sources for aminohalogenation of β -nitrostyrenes resulting in dichlorinated haloamides. <i>Science China Chemistry</i> , 2010, 53, 1946-1952.	8.2	12
99	Zinc-prolinamide complex catalyzed direct asymmetric aldol reactions in the presence of water. <i>Science China Chemistry</i> , 2010, 53, 2291-2296.	8.2	7