Norio Shibata

List of Publications by Year
in descending order

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Version: 2024-02-01

393	20,477	11651	18130
papers	citations	70	120
		h-index	g-index

581	581	581	8490
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A proximity biotinylation-based approach to identify protein-E3 ligase interactions induced by PROTACs and molecular glues. Nature Communications, 2022, 13, 183.	12.8	36
2	Synthesis of an Eccentric Electron-Deficient Fluorinated Motif, Tetrafluoro-Î»⁶-sulfanyl gem-Difluorocyclopropenes. Organic Letters, 2022, 24, 1722-1726.	4.6	19
3	Enantioâ€• Diastereoâ€•and Regioselective Synthesis of Chiral Cyclic and Acyclic gemâ€Difluoromethylenes by Palladiumâ€Catalyzed [4+2] Cycloaddition. Angewandte Chemie, 2022, 134, .	2.0	2
4	Enantioâ€• Diastereoâ€•and Regioselective Synthesis of Chiral Cyclic and Acyclic gemâ€Difluoromethylenes by Palladiumâ€Catalyzed [4+2] Cycloaddition. Angewandte Chemie - International Edition, 2022, 61, .	13.8	16
5	Ethynyl-SF₄-Pyridines: Reagents for SF₄-Alkynylation to Carbonyl Compounds. Journal of Organic Chemistry, 2022, 87, 6302-6311.	3.2	13
6	Regioselective Synthesis of Pyridine-SF₄-Methyl Ketones via Hydration of Pyridine-SF₄-Alkynes. Organic Letters, 2022, 24, 3347-3352.	4.6	17
7	Synthesis of Pyridineâ€“SF₄â€“Isoxazolines Using the Functionality of trans-Tetrafluoro-Î»⁶-sulfanyl Rodlike Linkers. Organic Letters, 2022, 24, 3755-3759.	4.6	18
8	Etherification of Fluoroarenes with Alkoxyboronic Acid Pinacol Esters via Câ€“F Bond Cleavage. Organic Letters, 2022, 24, 5084-5089.	4.6	4
9	Transitionâ€Metal Free Catalytic Synthesis of Trifluoromethyl Indolines by [4+1] Cycloaddition of Trifluoromethyl Benzoxazinones with Sulfur Ylides. Helvetica Chimica Acta, 2021, 104, .	1.6	7
10	Vibrational analysis of acetylcholine binding to the M₂ receptor. RSC Advances, 2021, 11, 12559-12567.	3.6	4
11	Thalidomide and its metabolite 5â€hydroxythalidomide induce teratogenicity via the cereblon neosubstrate PLZF. EMBO Journal, 2021, 40, e105375.	7.8	47
12	Synthesis of trifluoromethyl ketones by nucleophilic trifluoromethylation of esters under a fluoroform/KHMDS/triglyme system. Beilstein Journal of Organic Chemistry, 2021, 17, 431-438.	2.2	11
13	Synthesis of Tetraâ€Substituted Trifluoromethylâ€3,1â€Benzoxazines by Transitionâ€Metalâ€Catalyzed Decarboxylative Cyclization of N â€Benzoyl Benzoxazinones. ChemistryOpen, 2021, 10, 518-522.	1.9	2
14	Synthesis of Difluoromethanesulfinate Esters by the Difluoromethanesulfinylation of Alcohols. Organic Letters, 2021, 23, 2777-2782.	4.6	3
15	Pentafluoroethylation of Carbonyl Compounds by HFC-125 via the Encapsulation of the K Cation with Glymes. Journal of Organic Chemistry, 2021, 86, 5883-5893.	3.2	12
16	Synthesis of Tetraâ€Substituted Trifluoromethylâ€3,1â€Benzoxazines by Transitionâ€Metalâ€Catalyzed Decarboxylative Cyclization of N â€Benzoyl Benzoxazinones. ChemistryOpen, 2021, 10, 517-517.	1.9	0
17	AgBF4-Mediated Chlorine-Fluorine Exchange Fluorination for the Synthesis of Pentafluorosulfanyl (Hetero)arenes. Bulletin of the Chemical Society of Japan, 2021, 94, 1682-1684.	3.2	9
18	Catalyst-free carbosilylation of alkenes using silyl boronates and organic fluorides via selective C-F bond activation. Nature Communications, 2021, 12, 3749.	12.8	27

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19	Pentafluoroethylation of Carbonyl Compounds Using HFC-125 in a Flow Microreactor System. Journal of Organic Chemistry, 2021, 86, 14044-14053.	3.2	7
20	Diastereodivergent Synthesis of Chiral 4-Fluoropyrrolidines (exo and exoâ€²) Based on the Cu(II)-Catalyzed Asymmetric 1,3-Dipolar Cycloaddition. Journal of Organic Chemistry, 2021, 86, 8695-8705.	3.2	12
21	Synthesis of Moritaâ€“Baylisâ€“Hillman-fluorides using 1,1,2,2-tetrafluoroethyl-N,N-dimethylamine. Tetrahedron, 2021, 97, 132387.	1.9	3
22	Acyl Fluorides from Carboxylic Acids, Aldehydes, or Alcohols under Oxidative Fluorination. Organic Letters, 2021, 23, 847-852.	4.6	33
23	Silylboronate-Mediated Defluorosilylation of Aryl Fluorides with or without Ni-Catalyst. Frontiers in Chemistry, 2021, 9, 771473.	3.6	7
24	Construction of poly-N-heterocyclic scaffolds via the controlled reactivity of Cu-allenylidene intermediates. Communications Chemistry, 2021, 4, .	4.5	5
25	Synthesis of Highly Functionalized 12-Membered Trifluoromethyl Heterocycles via a Nondecarboxylative Pd-Catalyzed [6 + 6] Annulation. ACS Catalysis, 2020, 10, 1454-1459.	11.2	33
26	Current Contributions of Organofluorine Compounds to the Agrochemical Industry. IScience, 2020, 23, 101467.	4.1	540
27	Modular Synthesis of Medium-Sized Fluorinated and Nonfluorinated Heterocyclic Lactones by Sequential CN-Bond-Cleaving Ring Expansion under Pd Catalysis. ACS Catalysis, 2020, 10, 14117-14126.	11.2	42
28	An IMiD-induced SALL4 degron system for selective degradation of target proteins. Communications Biology, 2020, 3, 515.	4.4	18
29	Structural bases of IMiD selectivity that emerges by 5-hydroxythalidomide. Nature Communications, 2020, 11, 4578.	12.8	38
30	Aryl gem-Difluorovinyl Pinacolboronates: Synthesis and Utility for Suzuki-Miyaura Coupling Reaction. Chemistry Letters, 2020, 49, 1439-1442.	1.3	3
31	Deoxyfluorination of acyl fluorides to trifluoromethyl compounds by FLUOLEADÂ®/Olahâ€™s reagent under solvent-free conditions. Beilstein Journal of Organic Chemistry, 2020, 16, 3052-3058.	2.2	10
32	Design and Synthesis of a Chiral Halogen-Bond Donor with a Sp3-Hybridized Carbonâ€“Iodine Moiety in a Chiral Fluorobissulfonyl Scaffold. Molecules, 2020, 25, 4539.	3.8	5
33	Synthesis of Chiral gem-Difluoromethylene Compounds by Enantioselective Ethoxycarbonyldifluoromethylation of MBH Fluorides via Silicon-Assisted Câ€“F Bond Activation. Journal of Organic Chemistry, 2020, 85, 15699-15707.	3.2	14
34	Diastereoselective Synthesis of Enantioenriched Trifluoromethylated Ethylenediamines and Isoindolines Containing Two Stereogenic Carbon Centers by Nucleophilic Trifluoromethylation Using HFC-23. Journal of Organic Chemistry, 2020, 85, 7976-7985.	3.2	19
35	Pd-catalyzed fluoro-carbonylation of aryl, vinyl, and heteroaryl iodides using 2-(difluoromethoxy)-5-nitropyridine. Communications Chemistry, 2020, 3, .	4.5	9
36	Two Catalytic Annulation Modes via Cu-Allenylidenes with Sulfur Ylides that Are Dominated by the Presence or Absence of Trifluoromethyl Substituents. IScience, 2020, 23, 100994.	4.1	14

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37	One-step Synthesis of 2-Hydroxy-2-(trifluoromethyl)malonates by Trifluoromethylation of 2-Oxomalonates with Ruppert-Prakash Reagent. Chemistry Letters, 2020, 49, 330-333.	1.3	1
38	Synthesis of Both Enantiomers of Nineâ€Membered CF₃â€Substituted Heterocycles Using a Single Chiral Ligand: Palladiumâ€Catalyzed Decarboxylative Ring Expansion with Kinetic Resolution. Angewandte Chemie, 2020, 132, 8264-8271.	2.0	13
39	Synthesis of Both Enantiomers of Nineâ€Membered CF₃â€Substituted Heterocycles Using a Single Chiral Ligand: Palladiumâ€Catalyzed Decarboxylative Ring Expansion with Kinetic Resolution. Angewandte Chemie - International Edition, 2020, 59, 8187-8194.	13.8	62
40	Contribution of Organofluorine Compounds to Pharmaceuticals. ACS Omega, 2020, 5, 10633-10640.	3.5	901
41	Pyridine tetrafluoro-Î»⁶-sulfanyl chlorides: spontaneous addition to alkynes and alkenes in the presence or absence of photo-irradiation. Organic Chemistry Frontiers, 2020, 7, 1276-1282.	4.5	28
42	Ar-SF4Cl Deoxofluorination. , 2020, , 1-10.		0
43	Fluolead (Ar-SF3) Deoxofluorination. , 2020, , 183-196.		0
44	Ar-SF4Cl Deoxofluorination. , 2020, , 20-29.		2
45	Activation of Saturated Fluorocarbons to Synthesize Spirobiindanes, Monofluoroalkenes, and Indane Derivatives. IScience, 2019, 17, 132-143.	4.1	21
46	Enantioselective Benzylation and Allylation of Î±-Trifluoromethoxy Indanones under Phase-Transfer Catalysis. Molecules, 2019, 24, 2774.	3.8	6
47	Tripleâ€Bond Directed Csp²â^'N Bond Formation with Nâ€Fluorobenzenesulfonimide as Aminating Source: Oneâ€Step Transformation of Aldehydes into Amines. Chemistry - A European Journal, 2019, 25, 16063-16067.	3.3	8
48	Studies of Halogen Bonding Induced by Pentafluorosulfanyl Aryl Iodides: A Potential Group of Halogen Bond Donors in a Rational Drug Design. Molecules, 2019, 24, 3610.	3.8	11
49	Diastereodivergent Asymmetric 1,3â€Dipolar Cycloaddition of Azomethine Ylides and Î²â€Fluoroalkyl Vinylsulfones: Low Copper(II) Catalyst Loading and Theoretical Studies. Angewandte Chemie, 2019, 131, 16790-16796.	2.0	10
50	Diastereodivergent Asymmetric 1,3â€Dipolar Cycloaddition of Azomethine Ylides and Î²â€Fluoroalkyl Vinylsulfones: Low Copper(II) Catalyst Loading and Theoretical Studies. Angewandte Chemie - International Edition, 2019, 58, 16637-16643.	13.8	43
51	The story of SF₅-substituted pyridines. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 658-663.	1.6	13
52	Catalytic Desymmetrization of 1,3â€Difluoropropanâ€2â€ols via Câ^'F Bond Activation Using a Phosphazene Base Affords Monofluoromethylâ€Substituted Epoxides. Asian Journal of Organic Chemistry, 2019, 8, 641-645.	2.7	7
53	Gas/Liquidâ€Phase Microâ€Flow Trifluoromethylation using Fluoroform: Trifluoromethylation of Aldehydes, Ketones, Chalcones, and N â€Sulfinylimines. ChemistryOpen, 2019, 8, 402-402.	1.9	4
54	Gas/Liquidâ€Phase Microâ€Flow Trifluoromethylation using Fluoroform: Trifluoromethylation of Aldehydes, Ketones, Chalcones, and Nâ€Sulfinylimines. ChemistryOpen, 2019, 8, 406-410.	1.9	14

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55	Pd-Catalyzed Decarboxylative Cyclization of Trifluoromethyl Vinyl Benzoxazinanones with Sulfur Ylides: Access to Trifluoromethyl Dihydroquinolines. Organic Letters, 2019, 21, 1515-1520.	4.6	29
56	Synthesis of aryl and heteroaryl tetrafluoro-Î»⁶-sulfanyl chlorides from diaryl disulfides using trichloroisocyanuric acid and potassium fluoride. Organic Chemistry Frontiers, 2019, 6, 1157-1161.	4.5	40
57	Selective synthesis of spirobiindanes, alkenyl chlorides, and monofluoroalkenes from unactivated gem-difluoroalkanes controlled by aluminum-based Lewis acids. Scientific Reports, 2019, 9, 19113.	3.3	10
58	Asymmetric Electrophilic Difluoromethylthiolation of Indanone-Based Î²-Keto Esters Using Difluoromethanesulfonyl Hypervalent Iodonium Ylides. Molecules, 2019, 24, 221.	3.8	8
59	Trifluoroethoxy-Coated Subphthalocyanines Attract Small Arenes in Their Ï€-Concave Cavity. ChemPlusChem, 2018, 83, 93-93.	2.8	0
60	Highly Diastereoselective Synthesis of Trifluoromethyl Indolines by Interceptive Benzylic Decarboxylative Cycloaddition of Nonvinyl, Trifluoromethyl Benzoxazinanones with Sulfur Ylides under Palladium Catalysis. Organic Letters, 2018, 20, 1526-1529.	4.6	46
61	Access to benzo-fused nine-membered heterocyclic alkenes with a trifluoromethyl carbinol moiety via a double decarboxylative formal ring-expansion process under palladium catalysis. Chemical Science, 2018, 9, 3276-3281.	7.4	111
62	Synthesis of Aryl Triflones through the Trifluoromethanesulfonylation of Benzynes. ChemistryOpen, 2018, 7, 204-211.	1.9	17
63	Structural basis of thalidomide enantiomer binding to cereblon. Scientific Reports, 2018, 8, 1294.	3.3	77
64	Anionic Triflyldiazomethane: Generation and Its Application for Synthesis of Pyrazole-3-triflones via [3 + 2] Cycloaddition Reaction. Organic Letters, 2018, 20, 558-561.	4.6	23
65	Asymmetric synthesis of Î±-trifluoromethoxy ketones with a tetrasubstituted Î±-stereogenic centre via the palladium-catalyzed decarboxylative allylic alkylation of allyl enol carbonates. Chemical Communications, 2018, 54, 5522-5525.	4.1	36
66	Modern Approaches for Asymmetric Construction of Carbonâ€“Fluorine Quaternary Stereogenic Centers: Synthetic Challenges and Pharmaceutical Needs. Chemical Reviews, 2018, 118, 3887-3964.	47.7	476
67	Stereodivergent trifluoromethylation of N-sulfinylimines by fluoroform with either organic-superbase or organometallic-base. Chemical Communications, 2018, 54, 4294-4297.	4.1	37
68	Trifluoroethoxyâ€Coated Subphthalocyanines Attract Small Arenes in Their Ï€â€Concave Cavity. ChemPlusChem, 2018, 83, 95-98.	2.8	2
69	Synthesis of pyridine trans-tetrafluoro-Î»⁶-sulfane derivatives via radical addition. Organic Chemistry Frontiers, 2018, 5, 719-724.	4.5	32
70	Intramolecular Aminotrifluoromethanesulfinyloxylation of Ï‰-Aminoalkenes by CF3SO2Na/Pd(OAc)2/PhI(OAc)2/ t BuOCl/PivOH System. Synlett, 2018, 29, 425-429.	1.8	12
71	Synthesis of Chiral Nonracemic Î±-Difluoromethylthio Compounds with Tetrasubstituted Stereogenic Centers via a Palladium-Catalyzed Decarboxylative Asymmetric Allylic Alkylation. Organic Letters, 2018, 20, 7044-7048.	4.6	27
72	Understanding the Thalidomide Chirality in Biological Processes by the Self-disproportionation of Enantiomers. Scientific Reports, 2018, 8, 17131.	3.3	82

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73	Defluorosilylation of fluoroarenes and fluoroalkanes. Nature Communications, 2018, 9, 4393.	12.8	82
74	Nucleophilic fluoroalkylation/cyclization route to fluorinated phthalides. Beilstein Journal of Organic Chemistry, 2018, 14, 182-186.	2.2	5
75	Super-Sensitive Protonation Behavior of Trifluoroethoxy-Substituted Phthalocyanines and Their Application to Solvent Discrimination. ACS Omega, 2018, 3, 10912-10917.	3.5	10
76	An eccentric rod-like linear connection of two heterocycles: synthesis of pyridine trans-tetrafluoro-Î»⁶-sulfanyl triazoles. Chemical Science, 2018, 9, 4931-4936.	7.4	27
77	Direct nucleophilic trifluoromethylation of carbonyl compounds by potent greenhouse gas, fluoroform: Improving the reactivity of anionoid trifluoromethyl species in glymes. Scientific Reports, 2018, 8, 11501.	3.3	28
78	Design and synthesis of galactose-conjugated fluorinated and non-fluorinated proline oligomers: towards antifreeze molecules. Chemical Communications, 2018, 54, 9749-9752.	4.1	6
79	Ortho-lithiation reaction of aryl triflones. Tetrahedron, 2018, 74, 5635-5641.	1.9	14
80	Synthesis of fluoro-functionalized diaryl-Î»3-iodonium salts and their cytotoxicity against human lymphoma U937 cells. Beilstein Journal of Organic Chemistry, 2018, 14, 364-372.	2.2	6
81	Highly C-selective difluoromethylation of Î²-ketoesters by using TMSCF₂Br/lithium hydroxide/N,N,N-trimethylhexadecan-1-ammonium bromide. Chemical Communications, 2018, 54, 8881-8884.	4.1	31
82	A small-molecule inhibitor of SOD1-Derlin-1 interaction ameliorates pathology in an ALS mouse model. Nature Communications, 2018, 9, 2668.	12.8	19
83	The CF₃-DAST-induced deacylative trifluoromethylthiolation of cyclic 1,3-diketones/lactams/lactones and its extension to deacylative pentafluorophenylthiolation. Chemical Communications, 2018, 54, 8761-8764.	4.1	14
84	Stille cross-coupling of secondary and tertiary Î±-(trifluoromethyl)-benzyl chlorides with allylstannanes. Chemical Communications, 2018, 54, 7171-7174.	4.1	11
85	Fluorobissulfonylmethyl Iodides: An Efficient Scaffold for Halogen Bonding Catalysts with an sp³-Hybridized Carbonâ€“Iodine Moiety. ACS Catalysis, 2018, 8, 6601-6605.	11.2	35
86	Ar-SF 4 Cl Deoxofluorination. , 2018, , 1-10.		0
87	Fluolead (Ar-SF3) Deoxofluorination. , 2018, , 1-15.		0
88	Catalytic Asymmetric 1,3â€Dipolar Cycloaddition of Î²â€Fluoroalkylated Î±,Î²â€Unsaturated 2â€Pyridylsulfones with Nitrones for Chiral Fluoroalkylated Isoxazolidines and Î³â€Amino Alcohols. Angewandte Chemie - International Edition, 2017, 56, 1510-1514.	13.8	52
89	Catalytic Asymmetric 1,3â€Dipolar Cycloaddition of Î²â€Fluoroalkylated Î±,Î²â€Unsaturated 2â€Pyridylsulfones with Nitrones for Chiral Fluoroalkylated Isoxazolidines and Î³â€Amino Alcohols. Angewandte Chemie, 2017, 129, 1532-1536.	2.0	14
90	Operationally Convenient and Scalable Asymmetric Synthesis of (2S)â€•and (2R)â€Î±â€(Methyl)cysteine Derivatives through Alkylation of Chiral Alanine Schiff Base Ni^{II} Complexes. European Journal of Organic Chemistry, 2017, 2017, 1931-1939.	2.4	12

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91	SF₅-Pyridylaryl-Î»³-iodonium salts and their utility as electrophilic reagents to access SF₅-pyridine derivatives in the late-stage of synthesis. Chemical Communications, 2017, 53, 3850-3853.	4.1	20
92	Difluoromethylthiolation of Phenols and Related Compounds with a HF₂CSO₂Na/Ph₂PCl/Me₃SiCl System. Organic Letters, 2017, 19, 934-937.	4.6	54
93	Construction of Fluorinated Benzoxathiin Skeleton by Successive Perfluorophenylthiolation/Cyclization of Activated Î±-Methylene Ketones by Perfluorophenyl Diethylaminosulfur Difluoride. Organic Letters, 2017, 19, 1012-1015.	4.6	12
94	IF₅ affects the final stage of the Clâ€“F exchange fluorination in the synthesis of pentafluoro-Î»⁶-sulfanyl-pyridines, pyrimidines and benzenes with electron-withdrawing substituents. Chemical Communications, 2017, 53, 5997-6000.	4.1	33
95	Diastereoselective synthesis of fluoroisosteric analogues of antiparasitic pyrrolobenzoxazine alkaloids from tryptophan by successive fluorinationâ€“cyclization and a Meisenheimer-type rearrangement. Organic Chemistry Frontiers, 2017, 4, 1726-1730.	4.5	8
96	Trifluoroethoxyâ€Coated Subphthalocyanine affects Trifluoromethylation of Alkenes and Alkynes even under Lowâ€Energy Redâ€Light Irradiation. ChemistryOpen, 2017, 6, 226-230.	1.9	36
97	Development of Shelf-Stable Reagents for Electrophilic Trifluoromethylthiolation Reaction. , 2017, , 163-178.		7
98	New utility of electrophilic trifluoromethylthiolation reagents for the synthesis of a variety of triflones. Journal of Fluorine Chemistry, 2017, 198, 61-66.	1.7	8
99	Synthesis of chiral (tetrazolyl)methyl-containing acrylates via silicon-induced organocatalytic kinetic resolution of Moritaâ€“Baylisâ€“Hillman fluorides. Chemical Communications, 2017, 53, 1128-1131.	4.1	23
100	Silver-induced self-immolative Clâ€“F exchange fluorination of arylsulfur chlorotetrafluorides: synthesis of arylsulfur pentafluorides. Chemical Communications, 2017, 53, 12738-12741.	4.1	33
101	Electrophilic Triflyl-arylation and Triflyl-pyridylation by Unsymmetrical Aryl/Pyridyl-Î»³-iodonium Salts: Synthesis of Aryl and Pyridyl Triflones. Journal of Organic Chemistry, 2017, 82, 11915-11924.	3.2	13
102	Synthesis of Sulfur Perfluorophenyl Compounds Using a Pentafluorobenzenesulfonyl Hypervalent Iodonium Ylide. Journal of Organic Chemistry, 2017, 82, 11939-11945.	3.2	7
103	The Dihydroxy Metabolite of the Teratogen Thalidomide Causes Oxidative DNA Damage. Chemical Research in Toxicology, 2017, 30, 1622-1628.	3.3	31
104	Asymmetric synthesis of Î±-deuterated Î±-amino acids. Organic and Biomolecular Chemistry, 2017, 15, 6978-6983.	2.8	27
105	Recent advancements in the synthesis of pentafluorosulfanyl (SF5)-containing heteroaromatic compounds. Tetrahedron Letters, 2017, 58, 4803-4815.	1.4	58
106	Metabolic profiles of pomalidomide in human plasma simulated with pharmacokinetic data in control and humanized-liver mice. Xenobiotica, 2017, 47, 844-848.	1.1	20
107	Trifluoroethoxy-Coated Phthalocyanine Catalyzes Perfluoroalkylation of Alkenes under Visible-Light Irradiation. Molecules, 2017, 22, 1130.	3.8	18
108	Synthesis and application of trifluoroethoxy-substituted phthalocyanines and subphthalocyanines. Beilstein Journal of Organic Chemistry, 2017, 13, 2273-2296.	2.2	23

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109	Biological evaluation of both enantiomers of fluoro-thalidomide using human myeloma cell line H929 and others. PLoS ONE, 2017, 12, e0182152.	2.5	24
110	Induction of human cytochrome P450 3A enzymes in cultured placental cells by thalidomide and relevance to bioactivation and toxicity. Journal of Toxicological Sciences, 2017, 42, 343-348.	1.5	12
111	Synthesis and Optical Properties of Fluorine-Containing Phthalocyanine Conjugated with Glucofuranose and its Application to Photo-Dynamic Therapy. Journal of the Japan Society of Colour Material, 2016, 89, 213-218.	0.1	2
112	Asymmetric Desymmetrization via Metalâ€Free Câ^'F Bond Activation: Synthesis of 3,5â€Diarylâ€5â€fluoromethyloxazolidinâ€2â€ones with Quaternary Carbon Centers. Angewandte Chemie - International Edition, 2016, 55, 9432-9436.	13.8	28
113	Organocatalytic Enantioselective Nucleophilic Alkynylation of Allyl Fluorides Affording Chiral Skipped Eneâ€ynes. Angewandte Chemie - International Edition, 2016, 55, 6744-6748.	13.8	39
114	Asymmetrische Desymmetrisierung durch metallfreie Câ€Fâ€Bindungsaktivierung: Synthese von 3,5â€Diarylâ€5â€fluormethylâ€oxazolidinâ€2â€onen mit quartÄren Kohlenstoffzentren. Angewandte Chemie, 2016, 128, 9581-9586.	2.0	4
115	Organocatalytic Enantioselective Nucleophilic Alkynylation of Allyl Fluorides Affording Chiral Skipped Eneâ€ynes. Angewandte Chemie, 2016, 128, 6856-6860.	2.0	8
116	Enantioselective Trichloromethylation of MBHâ€Fluorides with Chloroform Based on Siliconâ€assisted Câ^'F Activation and Carbanion Exchange Induced by a Ruppertâ€“Prakash Reagent. Angewandte Chemie, 2016, 128, 367-371.	2.0	14
117	Enantioselective Trichloromethylation of MBHâ€Fluorides with Chloroform Based on Siliconâ€assisted Câ^'F Activation and Carbanion Exchange Induced by a Ruppertâ€“Prakash Reagent. Angewandte Chemie - International Edition, 2016, 55, 359-363.	13.8	52
118	Novel Use of CF₃SO₂Cl for the Metal-Free Electrophilic Trifluoromethylthiolation. Organic Letters, 2016, 18, 2467-2470.	4.6	111
119	Importance of a Fluorine Substituent for the Preparation of metaâ€and paraâ€Pentafluoroâ€λ⁶â€sulfanylâ€Substituted Pyridines. Angewandte Chemie - International Edition, 2016, 55, 10781-10785.	13.8	52
120	Importance of a Fluorine Substituent for the Preparation of metaâ€and paraâ€Pentafluoroâ€λ⁶â€sulfanylâ€Substituted Pyridines. Angewandte Chemie, 2016, 128, 10939-10943.	2.0	16
121	2â€Diazoâ€1â€phenylâ€2â€((trifluoromethyl)sulfonyl)ethanâ€1â€one: Another Utility for Electrophilic Trifluoromethylthiolation Reactions. ChemistryOpen, 2016, 5, 188-191.	1.9	25
122	Assessment of Protein Binding of 5-Hydroxythalidomide Bioactivated in Humanized Mice with Human P450 3A-Chromosome or Hepatocytes by Two-Dimensional Electrophoresis/Accelerator Mass Spectrometry. Chemical Research in Toxicology, 2016, 29, 1279-1281.	3.3	15
123	Synthesis of fluorinated donepezil by palladium-catalyzed decarboxylative allylation of α-fluoro-β-keto ester with tri-substituted heterocyclic alkene and the self-disproportionation of its enantiomers. RSC Advances, 2016, 6, 85058-85062.	3.6	14
124	Flow trifluoromethylation of carbonyl compounds by Ruppertâ€“Prakash reagent and its application for pharmaceuticals, efavirenz and HSD-016. RSC Advances, 2016, 6, 82716-82720.	3.6	19
125	Perfluoroalkyl Analogues of Diethylaminosulfur Trifluoride: Reagents for Perfluoroalkylthiolation of Active Methylene Compounds under Mild Conditions. Organic Letters, 2016, 18, 6404-6407.	4.6	29
126	Development of Shelf-Stable Reagents for Fluoro-Functionalization Reactions. Bulletin of the Chemical Society of Japan, 2016, 89, 1307-1320.	3.2	50

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127	Direct Fluoroâ€aminosulfenylation of Active Methylenes by Dialkylaminosulfur Trifluorides under Catalystâ€Free Conditions. Asian Journal of Organic Chemistry, 2016, 5, 1208-1212.	2.7	6
128	Alkynyl Cinchona Catalysts affect Enantioselective Trifluoromethylation for Efavirenz under Metal-Free Conditions. Organic Letters, 2016, 18, 5568-5571.	4.6	31
129	Activation of Trifluoromethylthio Moiety by Appending Iodonium Ylide under Copper Catalysis for Electrophilic Trifluoromethylation Reaction. Chinese Journal of Chemistry, 2016, 34, 485-489.	4.9	7
130	Enantiomerization of Allylic Trifluoromethyl Sulfoxides Studied by HPLC Analysis and DFT Calculations. Chirality, 2016, 28, 136-142.	2.6	2
131	Difluoromethanesulfonyl hypervalent iodonium ylides for electrophilic difluoromethylthiolation reactions under copper catalysis. Royal Society Open Science, 2016, 3, 160102.	2.4	55
132	Successive Câ€“C bond cleavage, fluorination, trifluoromethylthio- and pentafluorophenylthiolation under metal-free conditions to provide compounds with dual fluoro-functionalization. Chemical Science, 2016, 7, 2106-2110.	7.4	52
133	Design, synthesis and optical properties of unsymmetrical subphthalocyanine trimer connected by phloroglucinol via axial positions. Dalton Transactions, 2016, 45, 908-912.	3.3	14
134	Methyl NFSI: atom-economical alternative to NFSI shows higher fluorination reactivity under Lewis acid-catalysis and non-catalysis. Green Chemistry, 2016, 18, 1864-1868.	9.0	21
135	Development of Trifluoroethoxy Substituted Phthalocyanines and Subphthalocyanines and their Applications. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2016, 74, 154-166.	0.1	3
136	Organocatalyzed Trifluoromethylation of Ketones and Sulfonyl Fluorides by Fluoroform under a Superbase System. ChemistryOpen, 2015, 4, 581-585.	1.9	50
137	Synthesis of Phthalocyanines with a Pentafluorosulfanyl Substituent at Peripheral Positions. ChemistryOpen, 2015, 4, 698-702.	1.9	26
138	Synthesis of Diaryliodonium Salts Having Pentafluorosulfanylarenes and Their Application to Electrophilic Pentafluorosulfanylarylation of C-, O-, N-, and S-Nucleophiles. Organic Letters, 2015, 17, 3038-3041.	4.6	40
139	Catalytic Asymmetric Synthesis of Enantioenriched Heterocycles Bearing a Cï£¿CF₃ Stereogenic Center. Chemistry - A European Journal, 2015, 21, 8664-8684.	3.3	129
140	Self-disproportionation of enantiomers of thalidomide and its fluorinated analogue via gravity-driven achiral chromatography: mechanistic rationale and implications. Chemical Science, 2015, 6, 1043-1048.	7.4	35
141	Trifluoromethylthiolation of Allylsilanes and Silyl Enol Ethers with Trifluoromethanesulfonyl Hypervalent Iodonium Ylide under Copper Catalysis. Organic Letters, 2015, 17, 1063-1065.	4.6	78
142	Copper-Catalyzed Regioselective Trifluoromethylthiolation of Pyrroles by Trifluoromethanesulfonyl Hypervalent Iodonium Ylide. Organic Letters, 2015, 17, 1094-1097.	4.6	81
143	Regioisomerâ€Free C_{4h} Î²â€Tetrakis(tertâ€butyl)metalloâ€phthalocyanines: Regioselective Synthesis and Spectral Investigations. ChemistryOpen, 2015, 4, 102-106.	1.9	9
144	Carbene-Induced Intra- vs Intermolecular Transfer-Fluoromethylation of Aryl Fluoromethylthio Compounds under Rhodium Catalysis. ACS Catalysis, 2015, 5, 4668-4672.	11.2	26

#	Article	IF	Citations
145	Reactions of allyl alcohols and boronic acids with trifluoromethanesulfonyl hypervalent iodonium ylide under copper-catalysis. Dalton Transactions, 2015, 44, 19456-19459.	3.3	49
146	Difluoromethylation of Terminal Alkynes by Fluoroform. Organic Letters, 2015, 17, 3802-3805.	4.6	58
147	Trifluoromethyl Sulfoxides from Allylic Alcohols and Electrophilic SCF3 Donor by [2,3]-Sigmatropic Rearrangement. Organic Letters, 2015, 17, 1990-1993.	4.6	47
148	Synthesis of Billardâ€“Langlois Reagents and their Derivatives by Copperâ€Catalyzed Nâ€Trifluoromethylthiolation of Arylamines with a Trifluoromethanesulfonyl Hypervalent Iodonium Ylide. Asian Journal of Organic Chemistry, 2015, 4, 525-527.	2.7	26
149	Catalytic Trifluoromethylation of Aryl- and Vinylboronic Acids by 2-Cyclopropyl-1-(trifluoromethyl)benzo[b]thiophenium Triflate. Organic Letters, 2015, 17, 1632-1635.	4.6	40
150	Simulation of Human Plasma Concentrations of Thalidomide and Primary 5-Hydroxylated Metabolites Explored with Pharmacokinetic Data in Humanized TK-NOG Mice. Chemical Research in Toxicology, 2015, 28, 2088-2090.	3.3	26
151	Synthesis and optical properties of subphthalocyanine homo- and heterodimers axially connected via a hydroquinone linker. Dalton Transactions, 2015, 44, 19451-19455.	3.3	14
152	Stereoselective Synthesis of Î²-Lactam-triflones under Catalyst-Free Conditions. Organic Letters, 2015, 17, 5610-5613.	4.6	46
153	Design, synthesis, spectral investigations and biological activity of fluorinated phthalocyanine conjugated with galactose and comparison to its non-fluorinated counterpart. Journal of Fluorine Chemistry, 2015, 174, 137-141.	1.7	20
154	Pentafluorosulfanyl (SF5) in dyes: C3-Regioselective synthesis of Î±-mono-substituted subphthalocyanine with SF5-phenyl group. Journal of Fluorine Chemistry, 2015, 171, 120-123.	1.7	16
155	Synthetic Methods for Compounds Having CF₃â€“S Units on Carbon by Trifluoromethylation, Trifluoromethylthiolation, Triflylation, and Related Reactions. Chemical Reviews, 2015, 115, 731-764.	47.7	923
156	Photodynamic Therapy Using Novel Zinc Phthalocyanine Derivatives and a Diode Laser for Superficial Tumors in Experimental Animals. Journal of Cancer Therapy, 2015, 06, 53-61.	0.4	15
157	Sterically Demanding Unsymmetrical Diarylâ€Î»³â€iodanes for Electrophilic Pentafluorophenylation and an Approach to Î±â€Pentafluorophenyl Carbonyl Compounds with an Allâ€Carbon Stereocenter. ChemistryOpen, 2014, 3, 233-237.	1.9	15
158	Synthesis and optical properties of trifluoroethoxy-substituted double-decker phthalocyanines. Journal of Porphyrins and Phthalocyanines, 2014, 18, 1034-1041.	0.8	6
159	Diastereoselective Additive Trifluoromethylation/Halogenation of Isoxazole Triflones: Synthesis of Allâ€Carbonâ€Functionalized Trifluoromethyl Isoxazoline Triflones. ChemistryOpen, 2014, 3, 14-18.	1.9	26
160	Kinetic Resolution of Allyl Fluorides by Enantioselective Allylic Trifluoromethylation Based on Siliconâ€Assisted Cï£¿F Bond Cleavage. Angewandte Chemie - International Edition, 2014, 53, 517-520.	13.8	91
161	Sâ€((Phenylsulfonyl)difluoromethyl)thiophenium Salts: Carbonâ€Selective Electrophilic Difluoromethylation of Î²â€Ketoesters, Î²â€Diketones, and Dicyanoalkylidenes. Angewandte Chemie - International Edition, 2014, 53, 1827-1831.	13.8	63
162	Asymmetric Mannich reaction between (S)-N-(tert-butanesulfinyl)-3,3,3-trifluoroacetaldimine and malonic acid derivatives. Stereodivergent synthesis of (R)- and (S)-3-amino-4,4,4-trifluorobutanoic acids. Organic and Biomolecular Chemistry, 2014, 12, 1454.	2.8	39

#	Article	IF	Citations
163	NH-type of chiral Ni(ii) complexes of glycine Schiff base: design, structural evaluation, reactivity and synthetic applications. Organic and Biomolecular Chemistry, 2014, 12, 1278.	2.8	37
164	Asymmetric Synthesis of Agrochemically Attractive Trifluoromethylated Dihydroazoles and Related Compounds under Organocatalysis. Chemical Record, 2014, 14, 1024-1040.	5.8	62
165	Diastereoselective Additive Trifluoromethylation/Halogenation of Isoxazole Triflones: Synthesis of All-Carbon-Functionalized Trifluoromethyl Isoxazoline Triflones. ChemistryOpen, 2014, 3, 2-2.	1.9	0
166	A phthalocyanineâ€“subphthalocyanine heterodinuclear dimer: comparison of spectroscopic properties with those of homodinuclear dimers of constituting units. Chemical Communications, 2014, 50, 3040-3043.	4.1	29
167	Iodoarene-catalyzed fluorination and aminofluorination by an Ar-I/HFÂ·pyridine/mCPBA system. Chemical Science, 2014, 5, 2754-2760.	7.4	164
168	Human Cytochrome P450 Oxidation of 5-Hydroxythalidomide and Pomalidomide, an Amino Analogue of Thalidomide. Chemical Research in Toxicology, 2014, 27, 147-156.	3.3	33
169	Thalidomide Increases Human Hepatic Cytochrome P450 3A Enzymes by Direct Activation of the Pregnane X Receptor. Chemical Research in Toxicology, 2014, 27, 304-308.	3.3	28
170	Bis(pentafluorosulfanyl)phenyl Azide as an Expeditious Tool for Click Chemistry toward Antitumor Pharmaceuticals. ChemMedChem, 2014, 9, 913-917.	3.2	16
171	An aza-Michael addition protocol to fluoroalkylated Î²-amino acid derivatives and enantiopure trifluoromethylated N-heterocycles. Green Chemistry, 2014, 16, 4530-4534.	9.0	33
172	Synthesis and property of novel phthalocyanine having a 3,5-bis-pentafluorosulfanylphenyl group on the Î±-peripheral position. Journal of Fluorine Chemistry, 2014, 168, 93-98.	1.7	17
173	Asymmetric Synthesis of Efavirenz via Organocatalyzed Enantioselective Trifluoromethylation. Asian Journal of Organic Chemistry, 2014, 3, 449-452.	2.7	19
174	Sterically Demanding Unsymmetrical Diaryl-Î»3-iodanes for Electrophilic Pentafluorophenylation and an Approach to Î±-Pentafluorophenyl Carbonyl Compounds with an All-Carbon Stereocenter. ChemistryOpen, 2014, 3, 220-220.	1.9	0
175	Innentitelbild: Kinetic Resolution of Allyl Fluorides by Enantioselective Allylic Trifluoromethylation Based on Silicon-Assisted Cï£¿F Bond Cleavage (Angew. Chem. 2/2014). Angewandte Chemie, 2014, 126, 340-340.	2.0	0
176	Direct nucleophilic difluoromethylation of aromatic isoxazoles activated by electron-withdrawing groups using (difluoromethyl)trimethylsilane. ScienceOpen Research, 2014, .	0.6	7
177	Studies on the C/O-regioselectivity in Electrophilic Fluoromethylations of Î²-Ketoesters based on Thermodynamics by Ab initio Calculations. Bulletin of the Korean Chemical Society, 2014, 35, 1851-1854.	1.9	8
178	Stereoselective Synthesis of Vinyl Triflones and Heteroaryl Triflones through Anionic Oâ†'C_{vinyl} and Nâ†'C_{vinyl} Trifluoromethanesulfonyl Migration Reactions. Angewandte Chemie - International Edition, 2013, 52, 12628-12631.	13.8	30
179	Remote Anionic Fries Rearrangement of Sulfonates: Regioselective Synthesis of Indole Triflones. Organic Letters, 2013, 15, 686-689.	4.6	38
180	Enantioselective Synthesis of 5â€Trifluoromethylâ€2â€isoxazolines and Their Nâ€Oxides by [Hydroxy(tosyloxy)iodo]benzeneâ€Mediated Oxidative Nâ€“O Coupling. European Journal of Organic Chemistry, 2013, 2013, 6506-6509.	2.4	26

#	Article	IF	Citations
181	Chiral Nâ€Fluorodibenzenesulfonimide Analogues for Enantioselective Electrophilic Fluorination and Oxidative Fluorination. European Journal of Organic Chemistry, 2013, 2013, 6501-6505.	2.4	34
182	Redox chemistry of trifluoromethyl sulfonium salts as CF3 radical sources. Journal of Fluorine Chemistry, 2013, 155, 124-131.	1.7	53
183	Enantioselective monofluoromethylation of aldehydes with 2-fluoro-1,3-benzodithiole-1,1,3,3-tetraoxide catalyzed by a bifunctional cinchona alkaloid-derived thioureaâ€“titanium complex. Chemical Communications, 2013, 49, 11206.	4.1	30
184	Efficient Access to Trifluoromethyl Diarylpyrrolines and their Nâ€Oxides through Enantioselective Conjugate Addition of Nitromethane to Î²,Î²â€Disubstituted Enones. Angewandte Chemie - International Edition, 2013, 52, 5575-5579.	13.8	99
185	Enantioselective Synthesis of Epoxides Having a Tetrasubstituted Trifluoromethylated Carbon Center: Methylhydrazineâ€Induced Aerobic Epoxidation of Î²,Î²â€Disubstituted Enones. Angewandte Chemie - International Edition, 2013, 52, 2221-2225.	13.8	94
186	A sterically demanding organo-superbase avoids decomposition of a naked trifluoromethyl carbanion directly generated from fluoroform. Organic and Biomolecular Chemistry, 2013, 11, 1446.	2.8	101
187	Cinchona alkaloid/TMAF combination: Enantioselective trifluoromethylation of aryl aldehydes. Journal of Fluorine Chemistry, 2013, 152, 46-50.	1.7	19
188	Efficient direct ester condensation between equimolar amounts of carboxylic acids and alcohols catalyzed by trifluoromethanesulfonic acid (TfOH) in Solkane365mfc. RSC Advances, 2013, 3, 3848.	3.6	6
189	Selective O-Difluoromethylation of 1,3-Diones by Bromodifluoromethylating Reagents. Organic Letters, 2013, 15, 1044-1047.	4.6	54
190	Highly Enantioselective Monofluoromethylation of C2-Arylindoles Using FBSM under Chiral Phase-Transfer Catalysis. Organic Letters, 2013, 15, 3282-3285.	4.6	51
191	Transition-metal-free oxidative trifluoromethylation of unsymmetrical biaryls with trifluoromethanesulfinate. Chemical Communications, 2013, 49, 5510.	4.1	94
192	Trifluoromethanesulfonyl Hypervalent Iodonium Ylide for Copper-Catalyzed Trifluoromethylthiolation of Enamines, Indoles, and Î²-Keto Esters. Journal of the American Chemical Society, 2013, 135, 8782-8785.	13.7	298
193	In Vivo Drug Interactions of the Teratogen Thalidomide with Midazolam: Heterotropic Cooperativity of Human Cytochrome P450 in Humanized TK-NOG Mice. Chemical Research in Toxicology, 2013, 26, 486-489.	3.3	40
194	Phthalocyanine with Trifluoroethoxy Substituents for Organic Solar Cells. Japanese Journal of Applied Physics, 2013, 52, 05DA07.	1.5	6
195	Regioselective 1,4-trifluoromethylation of Î±,Î²-unsaturated ketones via a S-(trifluoromethyl)diphenylsulfonium salts/copper system. Beilstein Journal of Organic Chemistry, 2013, 9, 2189-2193.	2.2	17
196	New Approaches to the Regioselective Synthesis of Heteroaryl Triflones. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2013, 71, 1195-1201.	0.1	12
197	Fundamental Study on Organic Solar Cells Based on Soluble Zinc Phthalocyanine. Japanese Journal of Applied Physics, 2012, 51, 04DK09.	1.5	5
198	Cï£¿F Bond Activation of Unactivated Aliphatic Fluorides: Synthesis of Fluoromethylâ€3,5â€diarylâ€2â€oxazolidinones by Desymmetrization of 2â€Arylâ€1,3â€difluoropropanâ€2â€ols. Angewandte Chemie - International Edition, 2012, 51, 12275-12279.	13.8	70

#	Article	IF	Citations
199	Cation versus Radical: Studies on the C/O Regioselectivity in Electrophilic Triâ€; Diâ€•and Monofluoromethylations of Î²â€Ketoesters. ChemistryOpen, 2012, 1, 221-226.	1.9	47
200	Efficient Difluoromethylation of sp³ Carbon Nucleophiles by Bromodifluoromethylation Reagents with Organic Bases. ChemistryOpen, 2012, 1, 227-231.	1.9	36
201	Catalytic enantioselective synthesis of Î²-trifluoromethyl pyrrolines. Chemical Communications, 2012, 48, 4067.	4.1	52
202	In Vivo Formation of Dihydroxylated and Glutathione Conjugate Metabolites Derived from Thalidomide and 5-Hydroxythalidomide in Humanized TK-NOG Mice. Chemical Research in Toxicology, 2012, 25, 274-276.	3.3	43
203	Enantioselective Synthesis of Imidazolines with Quaternary Stereocenters by Organocatalytic Reaction of N-(Heteroarenesulfonyl)imines with Isocyanoacetates. Organic Letters, 2012, 14, 2960-2963.	4.6	83
204	Regioselective Synthesis of Heteroaryl Triflones by LDA (Lithium Diisopropylamide)-Mediated Anionic Thia-Fries Rearrangement. Organic Letters, 2012, 14, 2544-2547.	4.6	57
205	Regioselective Synthesis of Pyrazole Triflones Based on Triflyl Alkyne Cycloadditions. Organic Letters, 2012, 14, 5330-5333.	4.6	81
206	Efficient synthesis of unsymmetrical S-(bromodifluoromethyl)diarylsulfonium salts for electrophilic bromodifluoromethylating reagents. New Journal of Chemistry, 2012, 36, 1769.	2.8	31
207	Decarboxylative Allylation of Trifluoroethyl Sulfones and Approach to Difluoromethyl Compounds. Organic Letters, 2012, 14, 5366-5369.	4.6	14
208	Enantioselective Azaâ€Moritaâ€“Baylisâ€“Hillman Reactions of Acrylonitrile Catalyzed by Palladium(II) Pincer Complexes having C₂â€Symmetric Chiral Bis(imidazoline) Ligands. Angewandte Chemie - International Edition, 2012, 51, 10337-10341.	13.8	99
209	3,5-Bis(pentafluorosulfanyl)phenylboronic acid: A new organocatalyst for Conia-ene carbocyclization of 1,3-dicarbonyl compounds having terminal alkynes. Journal of Fluorine Chemistry, 2012, 143, 204-209.	1.7	19
210	N-2-Iodobenzylcinchoninium bromide is effective for catalytic enantioselective trifluoromethylation of azomethine imines in SolkaneÂ® 365mfc. Journal of Fluorine Chemistry, 2012, 143, 216-219.	1.7	24
211	Design and Photonic Properties of Novel Fluorinated Copolymers Bearing Phthalocyanine Side Groups. Macromolecular Chemistry and Physics, 2012, 213, 1559-1568.	2.2	21
212	Partially saturated fluorinated heterocycles: diastereo- and enantioselective synthesis of Î²-trifluoromethyl-pyrroline carboxylates. Chemical Communications, 2012, 48, 3632.	4.1	48
213	Enantioselective 5â€endoâ€dig Carbocyclization of Î²â€Ketoesters with Internal Alkynes Employing a Fourâ€Component Catalyst System. Angewandte Chemie - International Edition, 2012, 51, 4131-4135.	13.8	45
214	Organocatalytic Asymmetric Synthesis of Trifluoromethylâ€substituted Diarylpyrrolines: Enantioselective Conjugate Cyanation of Î²â€Arylâ€Î²â€trifluoromethylâ€disubstituted Enones. Angewandte Chemie - International Edition, 2012, 51, 4959-4962.	13.8	122
215	Enantioselective Synthesis of AGâ€041R by using Nâ€Heteroarenesulfonyl Cinchona Alkaloid Amides as Organocatalysts. Chemistry - A European Journal, 2012, 18, 9276-9280.	3.3	195
216	Organic base-catalyzed stereodivergent synthesis of (R)- and (S)-3-amino-4,4,4-trifluorobutanoic acids. Chemical Communications, 2012, 48, 4124.	4.1	89

#	Article	IF	Citations
217	Suzukiâ€“Miyaura Crossâ€Coupling Reactions in a Solkane365/227/Ethanol Blend at Ambient Temperature. European Journal of Organic Chemistry, 2012, 2012, 1504-1508.	2.4	20
218	Synthesis of Isoxazole Triflones. European Journal of Organic Chemistry, 2012, 2012, 1295-1298.	2.4	39
219	Fundamental Study on Organic Solar Cells Based on Soluble Zinc Phthalocyanine. Japanese Journal of Applied Physics, 2012, 51, 04DK09.	1.5	6
220	Asymmetric synthesis of chiral trifluoromethylated heliotridane via highly catalytic asymmetric Friedelâ€“Crafts alkylation with Î²-trifluoromethylated acrylates and pyrroles. New Journal of Chemistry, 2011, 35, 2614.	2.8	24
221	In Vivo Formation of a Glutathione Conjugate Derived from Thalidomide in Humanized uPA-NOG Mice. Chemical Research in Toxicology, 2011, 24, 287-289.	3.3	32
222	Cu-Mediated Chemoselective Trifluoromethylation of Benzyl Bromides Using Shelf-Stable Electrophilic Trifluoromethylating Reagents. Organic Letters, 2011, 13, 3596-3599.	4.6	120
223	Organocatalyzed Regio- and Enantioselective Allylic Trifluoromethylation of Moritaâ€“Baylisâ€“Hillman Adducts Using Ruppertâ€“Prakash Reagent. Organic Letters, 2011, 13, 3972-3975.	4.6	108
224	Organic reaction in SolkaneÂ® 365 mfc: homocoupling reaction of terminal alkynes. Green Chemistry, 2011, 13, 843.	9.0	50
225	Asymmetric Synthesis of Both Mirror Images of 3â€²-Fluorothalidomide by Enantiodivergent Fluorination Using a Single, Cinchona Alkaloid. Organic Letters, 2011, 13, 470-473.	4.6	42
226	Catalyst-free and catalytic Friedelâ€“Crafts alkylations of indoles in SolkaneÂ® 365mfc, an environmentally benign alternative solvent. Green Chemistry, 2011, 13, 46-50.	9.0	30
227	Synthesis of Indole and Biindolyl Triflones: Trifluoromethanesulfonylation of Indoles with Tf₂O/TTBP (2,4,6-tri-tert-butylpyridine) System. Organic Letters, 2011, 13, 4854-4857.	4.6	68
228	Robust synthesis of trifluoromethionine and its derivatives by reductive trifluoromethylation of amino acid disulfides by CF3I/Na/Liq.NH3 system. Journal of Fluorine Chemistry, 2011, 132, 186-189.	1.7	28
229	Construction of Trifluoromethylâ€Bearing Quaternary Carbon Centers by Intramolecular Decarboxylative Allylation of Î±â€²-Trifluoromethyl Î²â€²-Keto Esters. Advanced Synthesis and Catalysis, 2011, 353, 2037-2041.	4.3	27
230	Organocatalytic Enantioselective Decarboxylative Addition of Malonic Acids Half Thioesters to Isatins. Advanced Synthesis and Catalysis, 2011, 353, 2976-2980.	4.3	103
231	Direct Enantioselective Threeâ€Component Kabachnikâ€“Fields Reaction Catalyzed by Chiral Bis(imidazoline)â€Zinc(II) Catalysts. Advanced Synthesis and Catalysis, 2011, 353, 3285-3289.	4.3	98
232	Enantioselective Reaction of Imines and Benzyl Nitriles Using Palladium Pincer Complexes with C₂â€Symmetric Chiral Bis(imidazoline)s. Advanced Synthesis and Catalysis, 2011, 353, 3385-3390.	4.3	85
233	A New Synthetic Approach to Efavirenz through Enantioselective Trifluoromethylation by Using the Ruppertâ€“Prakash Reagent. European Journal of Organic Chemistry, 2011, 2011, 5959-5961.	2.4	47
234	Inherent Oxygen Preference in Enolate Monofluoromethylation and a Synthetic Entry to Monofluoromethyl Ethers. Angewandte Chemie - International Edition, 2011, 50, 1885-1889.	13.8	96

#	Article	IF	Citations
235	Trifluoromethylation of Aromatic Isoxazoles: Regioâ€•and Diastereoselective Route to 5â€Trifluoromethylâ€2â€isoxazolines. Angewandte Chemie - International Edition, 2011, 50, 7803-7806.	13.8	72
236	Asymmetric Allylic Monofluoromethylation and Methylation of Moritaâ€“Baylisâ€“Hillman Carbonates with FBSM and BSM by Cooperative Cinchona Alkaloid/FeCl₂ Catalysis. Angewandte Chemie - International Edition, 2011, 50, 9684-9688.	13.8	104
237	Influence of new fullerene derivatives with fluorocarbon substituent on performance of polymer solar cells. Physics Procedia, 2011, 14, 192-197.	1.2	5
238	N-Fluoro-(3,5-di-tert-butyl-4-methoxy)benzenesulfonimide (NFBSI): A sterically demanding electrophilic fluorinating reagent for enantioselective fluorination. Journal of Fluorine Chemistry, 2011, 132, 222-225.	1.7	29
239	Fluorothalidomide: A Characterization of Maternal and Developmental Toxicity in Rabbits and Mice. Toxicological Sciences, 2011, 122, 157-169.	3.1	17
240	Synthesis and Configurational Stability of (S)- and (R)-Deuteriothalidomides. Chemical and Pharmaceutical Bulletin, 2010, 58, 110-112.	1.3	26
241	Synthesis of Benzene-centered Trinuclear Phthalocyanines by Triple-click Chemistry. Chemistry Letters, 2010, 39, 337-339.	1.3	15
242	Self-disproportionation of enantiomers of heterocyclic compounds having a tertiary trifluoromethyl alcohol center on chromatography with a non-chiral system. Journal of Fluorine Chemistry, 2010, 131, 521-524.	1.7	39
243	Solubility of trifluoroethoxyphthalocyanines and -subphthalocyanines in liquid and supercritical carbon dioxide. Journal of Fluorine Chemistry, 2010, 131, 652-654.	1.7	18
244	Perfluoroisopropyl Zinc Phthalocyanines Conjugated with Deoxyribonucleosides: Synthesis, Photophysical Properties and In Vitro Photodynamic Activities. European Journal of Organic Chemistry, 2010, 2010, 2878-2884.	2.4	19
245	Enantioselective Aldol Reaction using Recyclable Montmorilloniteâ€Entrapped Nâ€(2â€Thiophenesulfonyl)prolinamide. Advanced Synthesis and Catalysis, 2010, 352, 1621-1624.	4.3	71
246	Copperâ€Catalyzed Enantioselective Threeâ€Component Synthesis of Optically Active Propargylamines from Aldehydes, Amines, and Aliphatic Alkynes. Chemistry - A European Journal, 2010, 16, 2360-2362.	3.3	120
247	Trifluoroethoxyâ€Coating Improves the Axial Ligand Substitution of Subphthalocyanine. Chemistry - A European Journal, 2010, 16, 7554-7562.	3.3	44
248	Cinchona Alkaloid/Ti^{IV}â€Catalyzed Enantioselective Enamineâ€“Trifluoropyruvate Condensationâ€“Cyclization Reaction and Its Application to Drugâ€like Heterocycles. Chemistry - A European Journal, 2010, 16, 7090-7095.	3.3	50
249	Efficient Access to Extended Yagupolskiiâ€“Umemotoâ€Type Reagents: Triflic Acid Catalyzed Intramolecular Cyclization of orthoâ€Ethynylaryltrifluoromethylsulfanes. Angewandte Chemie - International Edition, 2010, 49, 572-576.	13.8	111
250	2â€Fluoroâ€1,3â€benzodithioleâ€1,1,3,3â€tetraoxide: A Reagent for Nucleophilic Monofluoromethylation of Aldehydes. Angewandte Chemie - International Edition, 2010, 49, 1642-1647.	13.8	58
251	Enantioselective Synthesis of Trifluoromethylâ€Substituted 2â€Isoxazolines: Asymmetric Hydroxylamine/Enone Cascade Reaction. Angewandte Chemie - International Edition, 2010, 49, 5762-5766.	13.8	124
252	Enantioselective desymmetrization of meso-N-(heteroarenesulfonyl)aziridines with TMSN3 catalyzed by chiral Lewis acids. Tetrahedron Letters, 2010, 51, 3820-3823.	1.4	31

#	Article	IF	Citations
253	Poly[(3-hexylthiophene)-block-(3-semifluoroalkylthiophene)] for Polymer Solar Cells. International Journal of Molecular Sciences, 2010, 11, 5027-5039.	4.1	9
254	Expeditious Synthesis of Trifluoromethylated Heterocycles: Noncatalytic 1,3-Dipolar Cyclization of Azomethine Imines with (Î±-Trifluoromethyl)acrylates. Synthesis, 2010, 2010, 3274-3281.	2.3	4
255	Cytotoxic effect of amide derivatives of trifluoromethionine against the enteric protozoan parasite Entamoeba histolytica. International Journal of Antimicrobial Agents, 2010, 35, 56-61.	2.5	38
256	Cinchona Alkaloid-Catalyzed Asymmetric Trifluoromethylation of Alkynyl Ketones with Trimethylsilyl Trifluoromethane. Organic Letters, 2010, 12, 5104-5107.	4.6	91
257	Enantioselective Friedelâ^'Crafts Reaction of Î²-Trifluoromethylated Acrylates with Pyrroles and Its Application to the Synthesis of Trifluorinated Heliotridane. Organic Letters, 2010, 12, 1136-1138.	4.6	88
258	Shelf-stable electrophilic trifluoromethylating reagents: A brief historical perspective. Beilstein Journal of Organic Chemistry, 2010, 6, .	2.2	225
259	Human Liver Microsomal Cytochrome P450 3A Enzymes Involved in Thalidomide 5-Hydroxylation and Formation of a Glutathione Conjugate. Chemical Research in Toxicology, 2010, 23, 1018-1024.	3.3	46
260	Evaluation of stability difference between asymmetric homochiral dimer in (S)-thalidomide crystal and symmetric heterochiral dimer in (RS)-thalidomide crystal. Phase Transitions, 2010, 83, 223-234.	1.3	9
261	Asymmetric Syntheses Using Heteroarenesulfonyl Groups as a Highly Functional Protecting-activating Group. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2010, 68, 1017-1027.	0.1	12
262	Ionic liquids as media for nucleophilic ring opening fluorination of aziridines. Heterocyclic Communications, 2009, 15, .	1.2	11
263	Synthesis And Spectroscopic Investigations of Trifluoroethoxy Semi-Coated Zinc(Ii) Phthalocyanine. Heterocyclic Communications, 2009, 15, .	1.2	2
264	Synthesis and spectral investigations of covalently linked phthalocyanine-C60 dyad via flexible carbon linker. Heterocyclic Communications, 2009, 15, .	1.2	3
265	Organocatalytic Enantioselective Aza-Friedel-Crafts Alkylation of Pyrroles with N-(Heteroarenesulfonyl)imines. Synlett, 2009, 2009, 1639-1642.	1.8	66
266	First Enantioselective Synthesis of (R)â€Convolutamydine B and E with Nâ€(Heteroarenesulfonyl)prolinamides. Chemistry - A European Journal, 2009, 15, 6790-6793.	3.3	121
267	A Dynamic Kinetic Asymmetric Transformation in the Î±â€Hydroxylation of Racemic Malonates and Its Application to Biologically Active Molecules. Angewandte Chemie - International Edition, 2009, 48, 803-806.	13.8	65
268	Catalytic Enantioselective Trifluoromethylation of Azomethine Imines with Trimethyl(trifluoromethyl)silane. Angewandte Chemie - International Edition, 2009, 48, 6324-6327.	13.8	168
269	Synthesis and spectroscopic investigation of trifluoroethoxy-coated phthalocyanine linked with fullerene. Journal of Fluorine Chemistry, 2009, 130, 361-364.	1.7	32
270	Asymmetric synthesis of Î±-fluoro-Î±-sulfenyl-Î²-ketoesters using DBFOXâ€"Ph/Ni(II) complex. Journal of Fluorine Chemistry, 2009, 130, 1049-1053.	1.7	32

#	Article	IF	Citations
271	Synthesis of novel C2-symmetric chiral crown ethers and their application to enantioselective trifluoromethylation of aldehydes and ketones. Journal of Fluorine Chemistry, 2009, 130, 762-765.	1.7	37
272	Synthesis, photophysical and electrochemical properties of perfluoroisopropyl substituted binuclear phthalocyanine conjugated with a butadiyne linker. Journal of Fluorine Chemistry, 2009, 130, 1164-1170.	1.7	20
273	Synthesis, configurational stability and stereochemical biological evaluations of (S)- and (R)-5-hydroxythalidomides. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 3973-3976.	2.2	27
274	A DBFOXâ€Phâ€Based Combinatorial Catalyst for Enantioselective Fluorination of Aryl Acetyl and 3â€Butenoyl Thiazolidinones. Chemistry - an Asian Journal, 2009, 4, 1411-1415.	3.3	45
275	New diarylmethanofullerene derivatives and their properties for organic thin-film solar cells. Beilstein Journal of Organic Chemistry, 2009, 5, 7.	2.2	15
276	Thalidomide protects against ischemic neuronal damage induced by focal cerebral ischemia in mice. Neuroscience, 2009, 159, 760-769.	2.3	25
277	SolkaneÂ® 365mfc is an environmentally benign alternative solvent for trifluoromethylation reactions. Green Chemistry, 2009, 11, 1733.	9.0	27
278	Synthesis of fluorinated allenes via palladium-catalyzed monofluoromethylation using FBSM. Chemical Communications, 2009, , 7366.	4.1	32
279	Synthesis of trifluoroethoxy-coated binuclear phthalocyanines with click spacers and investigation of their clamshell behaviour. Organic and Biomolecular Chemistry, 2009, 7, 2265.	2.8	24
280	Enantioselective electrophilic trifluoromethylation of Î²-keto esters with Umemoto reagents induced by chiral nonracemic guanidines. Organic and Biomolecular Chemistry, 2009, 7, 3599.	2.8	79
281	Catalytic Enantioselective Hydrophosphonylation of Ketimines Using Cinchona Alkaloids. Journal of the American Chemical Society, 2009, 131, 18240-18241.	13.7	121
282	Design and Synthesis of Thalidomideâ€“Deoxyribonucleoside Chimeras. Chemistry Letters, 2009, 38, 1046-1047.	1.3	4
283	Construction of Nonadjacent Stereocenters Containing a Trifluoromethylated Carbon by Organocatalyzed Michael Addition of Î²-Ketoesters to 2-(Trifluoromethyl)acrylate. Chemistry Letters, 2009, 38, 1006-1007.	1.3	16
284	Enantioselective Cï£¿C Bond Formation to Sulfonylimines through Use of the 2â€Pyridinesulfonyl Group as a Novel Stereocontroller. Chemistry - A European Journal, 2008, 14, 2145-2152.	3.3	72
285	Catalytic and Highly Enantioselective Reactions of Î±â€Sulfonyl Carbanions with Chiral Bis(oxazoline)s. Chemistry - A European Journal, 2008, 14, 5519-5527.	3.3	37
286	Enantioselective Synthesis of (R)â€Convolutamydineâ€…A with New Nâ€Heteroarylsulfonylprolinamides. Chemistry - A European Journal, 2008, 14, 8079-8081.	3.3	146
287	Fluorinated Johnson Reagent for Transferâ€Trifluoromethylation to Carbon Nucleophiles. European Journal of Organic Chemistry, 2008, 2008, 3465-3468.	2.4	167
288	Desymmetrizationâ€like Catalytic Enantioselective Fluorination of Malonates and Its Application to Pharmaceutically Attractive Molecules. Angewandte Chemie - International Edition, 2008, 47, 164-168.	13.8	152

#	Article	IF	Citations
289	Cinchona Alkaloid Catalyzed Enantioselective Fluorination of Allyl Silanes, Silyl Enol Ethers, and Oxindoles. Angewandte Chemie - International Edition, 2008, 47, 4157-4161.	13.8	333
290	Catalytic Enantioselective Michael Addition of 1â€Fluorobis(phenylsulfonyl)methane to Î±,Î²â€Unsaturated Ketones Catalyzed by Cinchona Alkaloids. Angewandte Chemie - International Edition, 2008, 47, 8051-8054.	13.8	144
291	Organocatalytic Enantioselective Hydrophosphonylation of Sulfonylimines having a Heteroarenesulfonyl Group as a Novel Stereocontroller. Advanced Synthesis and Catalysis, 2008, 350, 1209-1212.	4.3	70
292	Novel Enantiocomplementary C₂â€Symmetric Chiral Bis(imidazoline) Ligands: Highly Enantioselective Friedelâ€“Crafts Alkylation of Indoles with Ethyl 3,3,3â€Trifluoropyruvate. Advanced Synthesis and Catalysis, 2008, 350, 1443-1448.	4.3	116
293	Recent advances in enantioselective trifluoromethylation reactions. Tetrahedron: Asymmetry, 2008, 19, 2633-2644.	1.8	334
294	Highly Enantioselective Reactions of Configurationally Labile Epimeric Diamine Complexes of LithiatedS-Benzyl Thiocarbamates. Chemistry - an Asian Journal, 2008, 3, 88-101.	3.3	19
295	Synthesis and properties of trifluoroethoxy-coated binuclear phthalocyanine. Chemical Communications, 2008, , 1977.	4.1	45
296	Synthesis of covalently linked binuclear clamshell phthalocyanine by double-click reaction. Organic and Biomolecular Chemistry, 2008, 6, 4498.	2.8	35
297	Enzymatic resolution and evaluation of enantiomers of cis-5â€²-hydroxythalidomide. Organic and Biomolecular Chemistry, 2008, 6, 1540.	2.8	21
298	DBFOX-Ph/metal complexes: Evaluation as catalysts for enantioselective fluorination of 3-(2-arylacetyl)-2-thiazolidinones. Beilstein Journal of Organic Chemistry, 2008, 4, 16.	2.2	26
299	Recent Advances in Enantioselective Trifluoromethylation Reactions. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2008, 66, 215-228.	0.1	37
300	Synthesis of novel fluorophenylaryl / heteroaryl ether derivatives. Arkivoc, 2008, 2007, 73-82.	0.5	4
301	Synthesis and Spectral Properties of a Deoxyribose-Phthalocyanine ÂConjugate Using a Sonogashira Coupling Reaction. Synlett, 2007, 2007, 0628-0632.	1.8	0
302	DNA-Mediated Enantioselective Carbon-Fluorine Bond Formation. Synlett, 2007, 2007, 1153-1157.	1.8	131
303	Cinchona Alkaloids/TMAF Combination-Catalyzed Nucleophilic Enantioselective Trifluoromethylation of Aryl Ketones. Organic Letters, 2007, 9, 3707-3710.	4.6	149
304	Synthesis of Thalidomide. , 2007, , 73-97.		3
305	Cinchona Alkaloid-Catalyzed Enantioselective Monofluoromethylation Reaction Based on Fluorobis(phenylsulfonyl)methane Chemistry Combined with a Mannich-type Reaction. Journal of the American Chemical Society, 2007, 129, 6394-6395.	13.7	167
306	Highly Enantioselective Reactions of Î±â€Sulfonyl Carbanions of Trifluoromethyl Sulfones. Angewandte Chemie - International Edition, 2007, 46, 7648-7650.	13.8	37

#	Article	IF	Citations
307	Cinchonaâ€Alkaloidâ€Catalyzed Enantioselective Direct Aldolâ€Type Reaction of Oxindoles with Ethyl Trifluoropyruvate. Angewandte Chemie - International Edition, 2007, 46, 8666-8669.	13.8	200
308	Ammonium bromides/KF catalyzed trifluoromethylation of carbonyl compounds with (trifluoromethyl)trimethylsilane and its application in the enantioselective trifluoromethylation reaction. Tetrahedron, 2007, 63, 8521-8528.	1.9	65
309	Enantioselective Mannich-type reaction of sulfonylimines having 2-pyridylsulfonyl group as a novel stereocontroller. Tetrahedron Letters, 2007, 48, 5565-5568.	1.4	16
310	Asymmetric lithiation of 2-alkynyl aryl sulfidesâ€"Enantio- and diastereoselective formation of allenyl aryl sulfides and their application in nickel-catalyzed cross-coupling reactions. Tetrahedron Letters, 2007, 48, 8636-8642.	1.4	14
311	New approaches to enantioselective fluorination: Cinchona alkaloids combinations and chiral ligands/metal complexes. Journal of Fluorine Chemistry, 2007, 128, 469-483.	1.7	166
312	Lewis acid-catalyzed tri- and difluoromethylation reactions of aldehydes. Chemical Communications, 2006, , 2575.	4.1	91
313	Lewis Acid-Catalyzed Enantioselective Hydroxylation Reactions of Oxindoles and Î²-Keto Esters Using DBFOX Ligand. Journal of the American Chemical Society, 2006, 128, 16488-16489.	13.7	253
314	Development of Enantioselective Fluorination Reaction and Its Application to the Synthesis of Biologically Active Compounds. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2006, 64, 14-24.	0.1	46
315	Enantioselective fluorination mediated by cinchona alkaloids/selectfluor combinations: A catalytic approach. Journal of Fluorine Chemistry, 2006, 127, 548-551.	1.7	68
316	Remote asymmetric trifluoromethylation induced by chiral sulfinyl group: synthesis of enantiomerically pure 1-(2-naphthyl)-2,2,2-trifluoroethanol. Tetrahedron Letters, 2006, 47, 1337-1340.	1.4	32
317	Enantioselective Strecker-type reaction to sulfonylimines having a 2-pyridylsulfonyl group as a novel stereocontroller. Tetrahedron Letters, 2006, 47, 7599-7602.	1.4	35
318	Fluorobis(phenylsulfonyl)methane: A Fluoromethide Equivalent and Palladium-Catalyzed Enantioselective Allylic Monofluoromethylation. Angewandte Chemie - International Edition, 2006, 45, 4973-4977.	13.8	180
319	Design, Synthesis, and Spectroscopic Investigation of Zinc Dodecakis(trifluoroethoxy)phthalocyanines Conjugated with Deoxyribonucleosides. Angewandte Chemie - International Edition, 2006, 45, 8163-8166.	13.8	54
320	Tri-tert-butylphosphine is an Efficient Promoter for the Trifluoromethylation Reactions of Aldehydes, Ketones, Imides and Imines. Synlett, 2006, 2006, 267-270.	1.8	6
321	Efficient Synthesis of Bicyclic Î±-Hydroxy-Î±-trifluoromethyl-Î³-lactams. Synlett, 2006, 2006, 3484-3488.	1.8	18
322	Asymmetric Synthesis of Axially Chiralcis-Arylmethylenebicyclo[3.3.0]octanes Using Î±-Thio- and Î±-Selenoorganolithium Compounds. Chemistry Letters, 2005, 34, 76-77.	1.3	5
323	Enantioselective nucleophilic addition to N-(2-pyridylsulfonyl)imines by use of dynamically induced chirality. Tetrahedron Letters, 2005, 46, 8941-8944.	1.4	27
324	Highly Enantioselective Catalytic Fluorination and Chlorination Reactions of Carbonyl Compounds Capable of Two-Point Binding. Angewandte Chemie - International Edition, 2005, 44, 4204-4207.	13.8	310

#	Article	IF	Citations
325	Enantioselective synthesis of chiral sulfinates using chiral diamines. Chirality, 2005, 17, 85-88.	2.6	13
326	Asymmetric Synthesis of Axially Chiral cis-Arylmethylenebicyclo[3.3.0]octanes Using Î±-Thio- and Î±-Selenoorganolithium Compounds.. ChemInform, 2005, 36, no.	0.0	0
327	Cinchona Alkaloid/Sulfinyl Chloride Combinations. Enantioselective Sulfinylating Agents of Alcohols.. ChemInform, 2005, 36, no.	0.0	0
328	Highly Enantioselective Catalytic Fluorination and Chlorination Reactions of Carbonyl Compounds Capable of Two-Point Binding.. ChemInform, 2005, 36, no.	0.0	0
329	Cinchona Alkaloidâ€"Sulfinyl Chloride Combinations: Catalytic Enantioselective Sulfinylation of Alcohols.. ChemInform, 2005, 36, no.	0.0	0
330	Cinchona Alkaloid-Sulfinyl Chloride Combinations: Catalytic EnantioÂselective Sulfinylation of Alcohols. Synlett, 2005, 2005, 1699-1702.	1.8	19
331	Cinchona Alkaloid/Sulfinyl Chloride Combinations:Â Enantioselective Sulfinylating Agents of Alcohols. Journal of the American Chemical Society, 2005, 127, 1374-1375.	13.7	36
332	20-Deoxy-20-fluorocamptothecin: Design and Synthesis of Camptothecin Isostere. Synlett, 2004, 2004, 2509-2512.	1.8	55
333	First Enantio-Flexible Fluorination Reaction Using Metal-Bis(oxazoline) Complexes. Synlett, 2004, 2004, 1703-1706.	1.8	120
334	First Enantio-Flexible Fluorination Reaction Using Metal-Bis(oxazoline) Complexes.. ChemInform, 2004, 35, no.	0.0	0
335	Chiral discrimination between thalidomide enantiomers using a solid surface with two-dimensional chirality. Chirality, 2004, 16, S36-S39.	2.6	46
336	Enantioselective Fluorination Mediated by N-Fluoroammonium Salts of Cinchona Alkaloids:â€‰ First Enantioselective Synthesis of BMS-204352 (MaxiPost). Journal of Organic Chemistry, 2003, 68, 2494-2497.	3.2	100
337	Facile synthesis of disubstituted and spiro five-membered benzosultams mediated by TMSClâ€"NaIâ€"MeCN reagent. Journal of the Chemical Society, Perkin Transactions 1, 2002, , 302-303.	1.3	22
338	Design and synthesis of N-nonpolar nucleobase dipeptides: application of the Ugi reaction for the preparation of dipeptides having fluoroarylalkyl groups appended to the nitrogen atom. Journal of the Chemical Society, Perkin Transactions 1, 2002, , 197-206.	1.3	4
339	Synthesis of nonpolar peptide nucleic acid monomers containing fluoroaromatics. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 1605-1611.	1.3	7
340	Enantioselective Fluorination Mediated by Cinchona Alkaloid Derivatives/Selectfluor Combinations:Â Reaction Scope and Structural Information forN-Fluorocinchona Alkaloids. Journal of the American Chemical Society, 2001, 123, 7001-7009.	13.7	256
341	cyclo-L-Trp-L-AAs This work was supported by a Grant-in-Aid for Scientific Research from the Ministry of Education, Science, Sports and Culture, Japan. N.S. wishes to thank the Novartis Foundation (Japan) for the Promotion of Science for support. We thank Prof. Yoshio Takeuchi very much for generously sharing his facilities, for very kind encouragement and for giving us the opportunity to study in the	13.8	94
342	Novel Enantioselective Fluorinating Agents, (R)- and (S)-N-Fluoro-3-tertbutyl-7-nitro-3,4-dihydro-2H-benzo [e] [1,2] thiazine 1,1-Dioxides.. Chemical and Pharmaceutical Bulletin, 2000, 48, 1954-1958.	1.3	27

#	Article	IF	Citations
343	A Fundamentally New Approach to Enantioselective Fluorination Based on Cinchona Alkaloid Derivatives/Selectfluor Combination. Journal of the American Chemical Society, 2000, 122, 10728-10729.	13.7	221
344	Synthesis of carbonyl-bridged peptides containing an Î±-fluoroglycine residue. Chemical Communications, 2000, , 785-786.	4.1	14
345	Application of the Ugi four-component condensation reaction for the synthesis of Î±,Î±- and Î±,Î²-dipeptides substituted with fluoroarylalkyl pendent groupsâ€. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 4234-4236.	1.3	7
346	A Novel and Efficient Synthesis of 3-Fluorooxindoles from Indoles Mediated by Selectfluor. Organic Letters, 2000, 2, 639-642.	4.6	81
347	Novel Methods for the Facile Construction of 3,3-Disubstituted and 3,3-Spiro-2H,4H-benzo[e]1,2-thiazine-1,1-diones:Â Synthesis of (11S,12R,14R)-2-Fluoro-14-methyl-11-(methylethyl)spiro[4H-benzo[e]-1,2-thiazine-3,2â€˜-cyclohexane]-1,1-dione, an Agent for the Electrophilic Asymmetric Fluorination of Aryl Ketone Enolates. Journal of Organic Chemistry, 2000, 65, 7583-7587.	3.2	58
348	Asymmetric pummerer rearrangement and related reactions. Advances in Sulfur Chemistry, 2000, , 215-248.	0.0	2
349	N-Fluoro-3-ethyl-3-methyl-1,1-dioxo-2,3-dihydro-1H-1Î»6-benzo[e]1,2-thiazin-4-one, a new and efficient agent for electrophilic fluorination of carbanions. Journal of Fluorine Chemistry, 1999, 97, 65-67.	1.7	20
350	Regioselective electrophilic fluorination of indoles: syntheses of 4-fluoroserotonin and 4-fluoromelatonin. Journal of Fluorine Chemistry, 1999, 97, 161-164.	1.7	17
351	(R)- and (S)-3-Fluorothalidomides:â€‰ Isosteric Analogues of Thalidomide. Organic Letters, 1999, 1, 1571-1573.	4.6	91
352	N-Fluoro-3-cyclohexyl-3-methyl-2,3- dihydrobenzo[1,2-d]isothiazole 1,1-Dioxide:Â An Efficient Agent for Electrophilic Asymmetric Fluorination of Enolates. Journal of Organic Chemistry, 1999, 64, 5708-5711.	3.2	102
353	Expeditious Synthesis of 3,4-Dihydro-2H-1.LAMBDA.6-benzo(e)(1,2)thiazine 1,1-Dioxides.. Chemical and Pharmaceutical Bulletin, 1999, 47, 1730-1733.	1.3	14
354	Studies toward the total synthesis of antibiotic roseophilin: A novel synthesis of the macrotricyclic part. Tetrahedron Letters, 1998, 39, 6911-6914.	1.4	28
355	Research on the correlation between the Pummerer reaction and penicillin biosynthesis (review). Chemistry of Heterocyclic Compounds, 1998, 34, 1237-1248.	1.2	2
356	Synthesis of Î³-fluoro-Î±-methyl-Î±-amino acids. A new alkylation procedure for ester imines. Tetrahedron, 1998, 54, 5929-5938.	1.9	25
357	Asymmetric synthesis of chiral 2-fluorinated 1,3-propanediols and its application to the preparation of monofluorinated chiral synthon. Tetrahedron Letters, 1998, 39, 7741-7744.	1.4	11
358	Chemistry of .ALPHA.-Fluoro-.ALPHA.-amino Acids: The First Synthesis of .ALPHA.-Fluoroglycine-Containing Dipeptides.. Chemical and Pharmaceutical Bulletin, 1998, 46, 1062-1064.	1.3	24
359	Structure of isopenicillinN synthase complexed with substrate and the mechanism ofpenicillin formation. Nature, 1997, 387, 827-830.	27.8	456
360	Highly asymmetric Pummerer-type reaction induced by ethoxy vinyl esters. Tetrahedron: Asymmetry, 1997, 8, 303-310.	1.8	30

#	Article	IF	Citations
361	Resin-bound peptide libraries showing specific metal ion binding. Bioorganic and Medicinal Chemistry Letters, 1997, 7, 413-416.	2.2	16
362	An expeditious synthesis of (2R,3S)-3-tert-butoxycarbonylamino-1-isobutylamino-4-phenyl-2-butanol, a key building block of HIV protease inhibitors. Tetrahedron Letters, 1997, 38, 619-620.	1.4	22
363	An unprecedented cleavage of the Î²-lactam ring: a novel synthesis of acyclic N,O- and N,S-acetals. Journal of the Chemical Society Perkin Transactions 1, 1996, , 2321-2330.	0.9	12
364	Anaerobic Crystallisation of an Isopenicillin N Synthase . Fe(II) . Substrate Complex Demonstrated by X-Ray Studies. FEBS Journal, 1996, 242, 736-740.	0.2	55
365	Electrophilic sulfenylation in a stereocontrolled synthesis of protected (2R,3R)-3-mercaptoaspartic acid from -aspartic acid. Tetrahedron, 1996, 52, 12839-12852.	1.9	31
366	Adipoyl-6-aminopenicillanic acid is a substrate for deacetoxycephalosporin C synthase (DAOCS). Bioorganic and Medicinal Chemistry Letters, 1996, 6, 1579-1584.	2.2	14
367	Asymmetric Pummerer-Type Reactions Induced by O-Silylated Ketene Acetals. Synlett, 1996, 1996, 289-296.	1.8	32
368	A Stereocontrolled Synthesis of Protected (2R,3R)-3-Mercaptoaspartic Acid via a Î²-Aspartyl Enolate Sulfenylation. Synlett, 1996, 1996, 519-520.	1.8	15
369	A novel diastereoselective synthesis of chiral, non-racemic unsymmetrical thioacetals using silicon-induced Pummerer-type reaction. Tetrahedron Letters, 1995, 36, 109-112.	1.4	10
370	A highly asymmetric Pummerer-type cyclization of chiral, non-racemic Î²-amidosulfoxides induced by O-silylated ketene acetals. Tetrahedron Letters, 1995, 36, 115-118.	1.4	23
371	Highly asymmetric Pummerer-type cyclization of chiral, non-racemic Î²-amido sulfoxides. Journal of the Chemical Society Perkin Transactions 1, 1995, , 2405-2410.	0.9	13
372	Mechanistic studies of a Pummerer-type reaction in acyclic and rigid cyclic sulfoxides induced by ketene tert-butyldimethylsilyl methyl acetal. Journal of the Chemical Society Perkin Transactions 1, 1995, , 2829.	0.9	1
373	Asymmetric Pummerer-type Reaction Induced by O-Silylated Ketene Acetals.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1994, 52, 746-753.	0.1	7
374	A novel asymmetric pummerer reaction induced by ethoxy vinyl ester. Tetrahedron Letters, 1994, 35, 3575-3576.	1.4	20
375	Mechanistic studies of Pummerer reaction in acyclic sulfoxides induced by O-silylated ketene acetals. Tetrahedron Letters, 1994, 35, 2569-2572.	1.4	18
376	Enantioselective pummerer-type rearrangement by reaction of O-silylated ketene acetal with enantiopure Î±-substituted sulfoxides. Tetrahedron Letters, 1994, 35, 9733-9736.	1.4	13
377	First highly asymmetric Pummerer-type reaction in chiral, non-racemic acyclic sulfoxides induced by O-silylated ketene acetal. Journal of the Chemical Society Perkin Transactions 1, 1994, , 3335.	0.9	17
378	Pummerer-type Cyclization of Arnstein Tripeptide Analogs Induced by O-Silylated Ketene Acetals: Studies of Penicillin Biosynthesis. Journal of the American Chemical Society, 1994, 116, 5116-5121.	13.7	29

#	Article	IF	Citations
379	An Unprecedented Cleavage of the .beta.-Lactam Ring: Stereoselective Synthesis of Chiral .beta.-Amido Cyanides. Journal of Organic Chemistry, 1994, 59, 938-939.	3.2	11
380	The first highly asymmetric pummerer-type reaction in chiral acyclic sulfoxides: Chemistry of O-silylated ketene acetals. Tetrahedron Letters, 1993, 34, 4063-4066.	1.4	34
381	A Novel Method for the Alkoxylation of Azetidin-2-ones at the 4-Position.. Chemical and Pharmaceutical Bulletin, 1992, 40, 1044-1046.	1.3	10
382	Chemistry of O-Silylated Ketene Acetals: A Stereoselective Synthesis of Optically Active Carbapenem Antibiotics, (+)-Thienamycin and (+)-PS-5.. Chemical and Pharmaceutical Bulletin, 1992, 40, 12-20.	1.3	25
383	An Efficient Synthesis of 4-Heterofunction-Substituted 3-(1-Hydroxy)ethylazetidin-2-ones from 3-(1-Hydroxy)ethyl-4-phenylsulfinylazetidin-2-one by Reaction with Silylated Heteronucleophiles.. Chemical and Pharmaceutical Bulletin, 1992, 40, 1733-1736.	1.3	10
384	Chemistry of O-silylated ketene acetals: an efficient synthesis of carbapenem and 1Î²-methylcarbapenem intermediates. Journal of the Chemical Society Perkin Transactions 1, 1992, , 1795-1799.	0.9	14
385	Chemistry of O-Silylated Ketene Acetals: A Mild and Convenient Synthesis of .BETA.-Lactam Antibiotics.. Chemical and Pharmaceutical Bulletin, 1991, 39, 2225-2232.	1.3	20
386	A novel substitution reaction of 4-sulfinylazetidin-2-one with silylated heteronucleophiles: an efficient synthesis of 4-heterofunction substituted 3-(1-hydroxy)ethylazetidin-2-ones. Tetrahedron Letters, 1991, 32, 2375-2378.	1.4	19
387	Chemistry of O-silylated ketene acetals: A novel intramolecular Pummerer-type reaction of .OMEGA.-carbamoylsulfoxides leading to .ALPHA.-thiolactams.. Chemical and Pharmaceutical Bulletin, 1990, 38, 1473-1478.	1.3	21
388	Chemistry of O-silylated ketene acetals: a stereoselective synthesis of chiral thienamycin intermediate. Journal of the Chemical Society Chemical Communications, 1990, , 727.	2.0	26
389	Chemistry of O -silylated ketene acetals: Biomimetic synthesis of cis -Î²-lactams. Tetrahedron Letters, 1989, 30, 729-730.	1.4	29
390	Chemistry of O-silylated ketene acetals: a synthesis of Î²-lactam antibiotics. Journal of the Chemical Society Perkin Transactions 1, 1989, , 1862-1864.	0.9	19
391	Novel transformation of azabicyclothionocarbonate to azaspirolactone.. Chemical and Pharmaceutical Bulletin, 1989, 37, 2647-2650.	1.3	3
392	Lewis Acid-Catalyzed Selective Mono-fluorination of Malonates Using Me-NFSI. Fluorine Notes, 0, , .	0.1	1
393	Synthesis of 5-nitro-pyrazole triflones via [3+2] cycloaddition reaction and its application for potential insecticide. Fluorine Notes, 0, 116, 9-10.	0.1	1