Yoo Tanabe

List of Publications by Year
in descending order

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		172457	233421
96	2,537	29	45
papers	citations	h-index	g-index

107	107	107	1725
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ipso-Type Regiocontrolled Benzannulation for the Synthesis of Uniquely Substituted Î±-Arylnaphthalenes: Application to the First Total Synthesis of Chaihunaphthone. ACS Omega, 2021, 6, 18135-18156.	3.5	3
2	Asymmetric Total Syntheses of Both Enantiomers of Plymuthipyranone B and Its Unnatural Analogues: Evaluation of anti-MRSA Activity and Its Chiral Discrimination. Pharmaceuticals, 2021, 14, 938.	3.8	3
3	Hetero-Type Benzannulation Leading to Substituted Benzothio-Phenes. Molecules, 2021, 26, 7008.	3.8	0
4	Synthesis of Naphthaleman Family Utilizing Regiocontrolled Benzannulation: Unique Molecules Composed of Multisubstituted Naphthalenes. ACS Omega, 2021, 6, 32682-32694.	3.5	1
5	Total Syntheses of All Six Chiral Natural Pyrethrins: Accurate Determination of the Physical Properties, Their Insecticidal Activities, and Evaluation of Synthetic Methods. Journal of Organic Chemistry, 2020, 85, 2984-2999.	3.2	12
6	Gram-Scale Robust Synthesis of 1-Chloro-2,3-dimethyl-4-phenylnaphthalene: A Promising Scaffold with Three Contiguous Reaction Positions. Synthesis, 2020, 52, 3811-3817.	2.3	4
7	Stereocomplementary and Parallel Syntheses of Multiâ€Substituted (E)â€, (Z)â€Stereodefined Î±,Î²â€Unsaturated Esters: Application to Drug Syntheses. Chemical Record, 2020, 20, 1410-1429.	5.8	6
8	(E)â€,(Z)â€Stereodefined Î±â€Chloroâ€Î²â€tosyloxyâ€Î±,Î²â€unsaturated Esters: Sequential Crossâ€Couplings for (E)â€,(Z) Tj ETQq Chemistry, 2020, 9, 604-615.	2.7	5
9	Divergent Asymmetric Total Synthesis of All Four Pestalotin Diastereomers from (R)-Glycidol. Molecules, 2020, 25, 394.	3.8	7
10	Synthesis and Stereostructure-Activity Relationship of Novel Pyrethroids Possessing two Asymmetric Centers on a Cyclopropane Ring. Molecules, 2019, 24, 1023.	3.8	6
11	Chiral syntheses of methyl (R)â€2â€Sulfanylcarboxylic esters and acids with optical purity determination using HPLC. Chirality, 2018, 30, 816-827.	2.6	2
12	Stereocomplementary Synthesis of cisâ€and transâ€2â€(pâ€Bromophenyl)â€5â€methylthiazolidinâ€4â€ones: Useful Umpolungâ€type Suzukiâ€Miyaura Crossâ€coupling Partner and Donor. Journal of Heterocyclic Chemistry, 2018, 55, 1112-1118.	2.1	1
13	Benzyl (R)-2-(Acetylthio)Propanoate: A Promising Sulfur Isoster of (R)-Lactic Acid and Ester Precursors. MolBank, 2018, 2018, M1010.	0.5	0
14	Ringâ€Closing Strategy Utilizing Nitrile Î±â€Anions: Chiral Synthesis of (+)â€Norchrysanthemic Acid and Expeditious Asymmetric Total Synthesis of (+)â€Grandisol. European Journal of Organic Chemistry, 2018, 2018, 6018-6027.	2.4	8
15	Straightforward Synthesis of N-Methyl-4-(pin)B-2(3H)-benzothiazol-2-one: A Promising Cross-Coupling Reagent. MolBank, 2018, 2018, M976.	0.5	2
16	Stereoretentive Suzukiâ€“Miyaura and Kumadaâ€“Tamaoâ€“Corriu Cross-Couplings for Preparing (E)- and (Z)-Stereodefined, Fully Substituted Î±,Î²-Unsaturated Esters: Application for a Pharmacophore Synthesis. Synthesis, 2018, 50, 4659-4667.	2.3	10
17	Divergent Synthetic Access toE- andZ-Stereodefined All-Carbon-Substituted Olefin Scaffolds: Application to Parallel Synthesis of (E)- and (Z)-Tamoxifens. ChemistryOpen, 2017, 6, 73-89.	1.9	14
18	Dehydrationâ€type Tiâ€Claisen Condensation (Carbonhomologation) of Î±â€Heteroatomâ€substituted Acetates with Alkyl Formates: Utilization as (Z)â€Stereodefined Crossâ€coupling Partners and Application to Concise Synthesis of Strobilurin A. Advanced Synthesis and Catalysis, 2017, 359, 3865-3879.	4.3	5

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19	Asymmetric Total Syntheses of Two 3-Acyl-5,6- dihydro-2H-pyrones: (R)-Podoblastin-S and (R)-Lachnelluloic Acid with Verification of the Absolute Configuration of (â^')-Lachnelluloic Acid. Molecules, 2017, 22, 69.	3.8	8
20	Straightforward Synthesis of 2(5H)-Furanones as Promising Cross-Coupling Partners: Direct Furanone Annulation Utilizing Ti-Mediated Aldol Addition. MolBank, 2016, 2016, M908.	0.5	2
21	Asymmetric Total Synthesis of (â€“)â€Azaspirene by Utilizing Tiâ€Claisen Condensation and Tiâ€Direct Aldol Reaction. European Journal of Organic Chemistry, 2016, 2016, 4834-4841.	2.4	16
22	A General and Robust Method for the Preparation of (E)- and (Z)-Stereodefined Fully Substituted Enol Tosylates: Promising Cross-Coupling Partners. Synthesis, 2016, 48, 4072-4080.	2.3	8
23	Acid-induced Favorskii-type Reaction: Regiocontrolled Elimination of Acyloin Mesylates Leading to Î±,Î²-Unsaturated Ketones and Application to Formal Total Synthesis of (R)-Muscone from Racemic Muscone. ChemistrySelect, 2016, 1, 3215-3218.	1.5	3
24	(E)â€“(Z)â€Parallel Preparative Methods for Stereodefined Î²,Î²â€Diarylâ€•and Î±,Î²â€Diarylâ€Î±,Î²â€•unsaturated Esters: Application to the Stereocomplementary Concise Synthesis of Zimelidine. Chemistry - A European Journal, 2015, 21, 5934-5945.	3.3	29
25	(E)- and (Z)-stereodefined enol phosphonates derived from Î²-ketoesters: stereocomplementary synthesis of fully-substituted Î±,Î²-unsaturated esters. Organic and Biomolecular Chemistry, 2015, 13, 8205-8210.	2.8	24
26	Asymmetric Ti-crossed Claisen condensation: application to concise asymmetric total synthesis of alternaric acid. Chemical Communications, 2013, 49, 7001.	4.1	21
27	Pentafluorophenylammonium Trifluoromethanesulfonimide: Mild, Powerful, and Robust Catalyst for Mukaiyama Aldol and Mannich Reactions between Ketene Silyl Acetals and Ketones or Oxime Ethers. Advanced Synthesis and Catalysis, 2010, 352, 1128-1134.	4.3	21
28	Practical and robust method for stereoselective preparations of ketene silyl (thio)acetal derivatives and NaOH-catalyzed crossed-Claisen condensation between ketene silyl acetals and methyl esters. Tetrahedron, 2009, 65, 5596-5607.	1.9	13
29	Practical method for crystalline-liquid resolution of chrysanthemic acids utilizing chiral 1,1â€²-binaphthol monoethyl ethers directed for process chemistry. Tetrahedron: Asymmetry, 2009, 20, 1015-1019.	1.8	3
30	General, Robust, and Stereocomplementary Preparation of Î±,Î²-Disubstituted Î±,Î²-Unsaturated Esters. Organic Letters, 2009, 11, 4258-4261.	4.6	56
31	Synthesis of the seed germination stimulant 3-methyl-2H-furo[2,3-c]pyran-2-ones utilizing direct and regioselective Ti-crossed aldol addition. Tetrahedron Letters, 2008, 49, 4509-4512.	1.4	34
32	Ti-mediated direct and highly stereoselective Mannich reactions between esters and oximeethers. Chemical Communications, 2008, , 771-773.	4.1	11
33	General, Robust, and Stereocomplementary Preparation of Î²-Ketoester Enol Tosylates as Cross-Coupling Partners Utilizing TsClâ^'N-Methylimidazole Agents. Organic Letters, 2008, 10, 2131-2134.	4.6	67
34	Practical, general, and systematic method for optical resolution of gem-dihalo- and monohalocyclopropanecarboxylic acids utilizing chiral 1,1â€²-binaphtholmonomethyl ethers: Application to the synthesis of three chiral pesticides. Organic and Biomolecular Chemistry, 2008, 6, 540-547.	2.8	16
35	Reductive Ti-crossed Claisen Condensation between Methyl Î±-Bromocarboxylates and Acid Chlorides Utilizing a TiCl4â€“PPh3â€“N-Methylimidazole Reagent. Chemistry Letters, 2007, 36, 48-49.	1.3	8
36	Synthesis of Unsymmetrically and Highly Substituted Thiophenes Utilizing Regioselective Ring-expansion ofgem-Dichlorocyclopropyl Ketones with Lawessonâ€™s Reagent. Chemistry Letters, 2007, 36, 62-63.	1.3	12

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37	Mild and Efficient Pentafluorophenylammonium Triflate (PFPAT)-Catalyzed C-Acylations of Enol Silyl Ethers or Ketene Silyl (Thio)Acetals with Acid Chlorides. Organic Letters, 2007, 9, 1859-1862.	4.6	53
38	Highly Stereoselective Radical Carbonylations of gem-Dihalocyclopropane Derivatives with CO. Organic Letters, 2007, 9, 563-566.	4.6	26
39	Practical and Robust Method for Regio- and Stereoselective Preparation of (E)-Ketene tert-Butyl TMS Acetals and Î²-Ketoester-derived tert-Butyl (1Z,3E)-1,3-Bis(TMS)dienol Ethers. Journal of Organic Chemistry, 2007, 72, 8142-8145.	3.2	29
40	Mild, powerful, and robust methods for esterification, amide formation, and thioesterification between acid chlorides and alcohols, amines, thiols, respectively. Tetrahedron, 2007, 63, 12071-12080.	1.9	25
41	Ti-direct, powerful, stereoselective aldol-type additions of esters and thioesters to carbonyl compounds: application to the synthesis and evaluation of lactone analogs of jasmone perfumes. Organic and Biomolecular Chemistry, 2007, 5, 151-159.	2.8	31
42	Regioselective Synthesis of Methyl 3-Thiothiophene-2-carboxylate Derivatives Utilizing a Dehydration-Type Ti-Dieckmann Condensation. Heterocycles, 2007, 72, 697.	0.7	10
43	Improved Practical Asymmetric Synthesis of Î±-Alkylmandelic Acids Utilizing Highly Diastereoselective Alkylation of 5-Aryl-2-(1-naphthyl)-1,3-dioxolan-4-ones. Organic Process Research and Development, 2006, 10, 500-504.	2.7	13
44	Efficient Method for the Deprotection of tert-Butyldimethylsilyl Ethers with TiCl4â^'Lewis Base Complexes:â€‰ Application to the Synthesis of 1Î²-Methylcarbapenems. Journal of Organic Chemistry, 2006, 71, 5380-5383.	3.2	21
45	Pentafluorophenylammonium triflate (PFPAT): an efficient, practical, and cost-effective catalyst for esterification, thioesterification, transesterification, and macrolactone formation. Green Chemistry, 2006, 8, 1022.	9.0	104
46	Powerful Ti-Crossed Claisen Condensation between Ketene Silyl Acetals or Thioacetals and Acid Chlorides or Acids. Organic Letters, 2006, 8, 5215-5218.	4.6	41
47	Water Solvent Method for Esterification and Amide Formation between Acid Chlorides and Alcohols Promoted by Combined Catalytic Amines: Synergy betweenN-Methylimidazole andN,N,Nâ€²,Nâ€²-Tetramethylethylenediamine (TMEDA). Advanced Synthesis and Catalysis, 2006, 348, 2057-2062.	4.3	26
48	Ti-Crossed-Claisen Condensation between Carboxylic Esters and Acid Chlorides or Acids:Â A Highly Selective and General Method for the Preparation of Various Î²-Keto Esters. Journal of the American Chemical Society, 2005, 127, 2854-2855.	13.7	85
49	NaOH-catalyzed crossed Claisen condensation between ketene silyl acetals and methyl esters. Chemical Communications, 2005, , 3171.	4.1	20
50	Regiocontrolled Benzannulation of Diaryl(gem-dichlorocyclopropyl)methanols for the Synthesis of Unsymmetrically Substituted Î±-Arylnaphthalenes:â€‰ Application to Total Synthesis of Natural Lignan Lactones. Journal of Organic Chemistry, 2005, 70, 2667-2678.	3.2	57
51	Water-solvent method for tosylation and mesylation of primary alcohols promoted by KOH and catalytic amines. Green Chemistry, 2005, 7, 711.	9.0	45
52	Simple, Mild, and Practical Esterification, Thioesterification, and Amide Formation Utilizing p-Toluenesulfonyl Chloride and N-Methylimidazole.. ChemInform, 2004, 35, no.	0.0	0
53	Chirality Exchange from sp3Central Chirality to Axial Chirality:Â Benzannulation of Optically Active Diaryl-2,2-dichlorocyclopropylmethanols to Axially Chiral Î±-Arylnaphthalenes. Journal of the American Chemical Society, 2004, 126, 5358-5359.	13.7	85
54	Synthetic Study on Macrocyclic Musks, Mints, and Jasmine Perfumes Utilizing Ti-Claisen and Aldol Reactions. ACS Symposium Series, 2004, , 267-272.	0.5	0

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55	Practical Short Synthesis of 1Î²-Methylcarbapenem Utilizing a New Dehydration Type Ti-Dieckmann Condensation. Advanced Synthesis and Catalysis, 2003, 345, 967-970.	4.3	25
56	Simple, Mild, and Practical Esterification, Thioesterification, and Amide Formation Utilizingp-Toluenesulfonyl Chloride andN-Methylimidazole. Advanced Synthesis and Catalysis, 2003, 345, 1209-1214.	4.3	85
57	Direct, Practical, and Powerful Crossed Aldol Additions Between Ketones and Ketones or Aldehydes Utilizing Environmentally Benign TiCl4â€”Bu3N Reagent.. ChemInform, 2003, 34, no.	0.0	0
58	Novel and efficient method for esterification, amidation between carboxylic acids and equimolar amounts of alcohols, and amines utilizing Me2NSO2Cl and N,N-dimethylamines; its application to the synthesis of coumaperine, a natural chemopreventive dieneamide. Tetrahedron, 2003, 59, 5337-5345.	1.9	50
59	Lack of Inhibitory Effects of Coumaperine from Pepper on the Promotion Stage of Chemical Hepatocarcinogenesis in the Rat. Journal of Toxicologic Pathology, 2003, 16, 161-164.	0.7	3
60	Stereoselective Bifurcating-type Radical Cyclization ofgem-Dibromocyclopropanes for the Synthesis of Uniquely Fused 5-3-5-Type Tricyclic Compounds. Chemistry Letters, 2002, 31, 30-31.	1.3	12
61	Silazanes/catalytic bases: mild, powerful and chemoselective agents for the preparation of enol silyl ethers from ketones and aldehydes. Chemical Communications, 2002, , 1628-1629.	4.1	51
62	Efficient one-step synthesis of trialkylsubstituted 2(5H)-furanones utilizing direct Ti-crossed aldol condensation and its application to the straightforward synthesis of (R)-mintlactone and (R)-menthofuranElectronic supplementary information (ESI) available: calculated structures of 7 and 8. See http://www.rsc.org/suppdata/cc/b2/b208077j/. Chemical Communications, 2002, , 2542-2543.	4.1	34
63	Practical Synthesis of (Z)-Civetone Utilizing Ti-Dieckmann Condensation. Advanced Synthesis and Catalysis, 2002, 344, 507.	4.3	49
64	Direct, practical, and powerful crossed aldol additions between ketones and ketones or aldehydes utilizing environmentally benign TiCl 4 â€“Bu 3 N reagent. Tetrahedron, 2002, 58, 8269-8280.	1.9	72
65	Si-BEZA â€“ catalytic pyridinium triflate: a mild and powerful agent for the silylation of alcohols. Chemical Communications, 2001, , 2478-2479.	4.1	26
66	Powerful Claisen condensation and Claisenâ€“aldol tandem reaction of Î±,Î±-dialkylated esters promoted by ZrCl4â€“iPr2NEt. Chemical Communications, 2001, , 1674-1675.	4.1	30
67	Me2NSO2Cl and N,N-dimethylamines; a novel and efficient agent for esterification, amidation between carboxylic acids, and equimolar amounts of alcohols and amines. Tetrahedron Letters, 2001, 42, 7427-7430.	1.4	50
68	Synthesis and stereostructureâ€“activity relationship of three asymmetric center pyrethroids: 2-methyl-3-phenylcyclopropyl-methyl 3-phenoxybenzyl ether and cyanohydrin ester. Bioorganic and Medicinal Chemistry, 2001, 9, 33-39.	3.0	50
69	Powerful Stereoselective Aldol-type Additions of Phenyl and Phenylthio Esters with Aldehydes or Ketones Mediated by TiCl4/Amine Reagent. Synlett, 2001, 2001, 1959-1961.	1.8	22
70	Cyclopropane-shift type reaction of diaryl(2-halogenocyclopropyl)methanols promoted by Lewis acids. Tetrahedron Letters, 2000, 41, 5937-5942.	1.4	11
71	A Highly Efficient Synthesis of Civetone. Tetrahedron, 2000, 56, 7423-7425.	1.9	30
72	Synthetic Study on the Utilization of gem-Dihalo- and Halocyclopropanes: Cationic Approach toward Versatile and Highly Selective Benzannulations.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1999, 57, 170-180.	0.1	4

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73	Catalytic TMSCl promoted powerful aldol addition and Claisen condensation mediated by TiCl4/Bu3N agent: comparison and evaluation with the Mukaiyama aldol addition. Tetrahedron Letters, 1999, 40, 4227-4230.	1.4	49
74	Practical and efficient methods for sulfonylation of alcohols using Ts(Ms)Cl/Et3N and catalytic Me3HÂ·HCl as combined base: Promising alternative to traditional pyridine. Tetrahedron, 1999, 55, 2183-2192.	1.9	147
75	Dimethylation and Hydrodechlorination ofgem-Dichlorocyclopropanes with Grignard Reagents Promoted by Fe(III) or Co(II) Catalyst. Synlett, 1998, 1998, 67-69.	1.8	33
76	Sequential and regioselective Friedelâ€“Crafts reactions of gem-dihalogenocyclopropanecarbonyl chlorides with benzenes for the synthesis of 4-aryl-1-naphthol derivatives. Journal of the Chemical Society Perkin Transactions 1, 1997, , 477-486.	0.9	20
77	Regiocontrolled benzannulation of diaryl(gem-dichlorocyclopropyl)methanols for the synthesis of â€œunsymmetricallyâ€•substituted Î±-arylnaphthalenes. Tetrahedron Letters, 1997, 38, 7195-7198.	1.4	19
78	TiCl4/Bu3N/(catalytic TMSOTf): Efficient agent for direct aldol addition and Claisen condensation. Tetrahedron Letters, 1997, 38, 8727-8730.	1.4	70
79	Synthesis and stereostructureâ€“activity relationship of a synthetic pyrethroid, 2-chloro-1-methyl-3-phenylcyclopropylmethyl-3-phenoxybenzyl ether. Journal of the Chemical Society Perkin Transactions 1, 1996, , 1243-1249.	0.9	24
80	Novel method for the synthesis of Î±- and Î²-halogenonaphthalenes by regioselective benzannulation of aryl(gem-dihalogenocyclopropyl)methanols: application to the total synthesis of the lignan lactones, justicidin E and taiwanin C1. Journal of the Chemical Society Perkin Transactions 1, 1996, , 2157-2165.	0.9	38
81	Sequential and highly stereoselective intermolecular radical additions of 2,3-cis-disubstituted 1,1-dibromo- and 1-bromocyclopropanes to electron-deficient olefins. Tetrahedron Letters, 1996, 37, 1837-1840.	1.4	25
82	Regioselective Cyclocondensations of Chlorocarbonylsulfenyl Chloride with Hydrazones: Effective Synthesis of a Class of Sulfur and Nitrogen Containing Heterocycles with -COS- Linkage. Heterocycles, 1996, 43, 141.	0.7	3
83	Practical and Safe Sulfonylation of 2-Alkynyl and 2-Alkenyl Alcohols Using the Combined Bases of a Catalytic Amount of Tertiary Amine and Potassium Carbonate. Bulletin of the Chemical Society of Japan, 1995, 68, 297-300.	3.2	29
84	Novel Synthetic Pyrethroid Containing a Halocyclopropane Structure. Bioscience, Biotechnology and Biochemistry, 1995, 59, 1355-1357.	1.3	11
85	Synthetic study of the highly potent and selective anti-platelet activating factor thiazolidin-4-one agents and related compounds. Journal of the Chemical Society Perkin Transactions 1, 1995, , 935.	0.9	47
86	Mild, effective and selective method for the silylation of alcohols using silazanes promoted by catalytic tetrabutylammonium fluoride. Tetrahedron Letters, 1994, 35, 8409-8412.	1.4	69
87	A Novel and Regioselective Radical Cyclization ofgem-Dihalocyclopropyl Substituted Alkenes and Alkynes Using Tributyltin Hydride and Catalytic AIBN. Chemistry Letters, 1994, 23, 1757-1760.	1.3	18
88	Regioselective .alpha.-methoxycarbonylsulfenylation of ketones and aldehydes: a versatile method for preparation of thiazolones, thiadiazinones, and 3-indolethiols. Journal of Organic Chemistry, 1992, 57, 1053-1056.	3.2	28
89	Stereoselective synthesis of anti-PAF active thiazolidin-4-ones via cyclo-condensation of alkyl Î±-mercaptocarboxylates with arylimines. Tetrahedron Letters, 1991, 32, 383-386.	1.4	24
90	A novel synthesis of Î±- and Î²-halonaphthalenes via regioselective ring cleavage of aryl(gem-dihalocyclopropyl)methanols and its application to total synthesis of lignan lactones, justicidin e and taiwanin c. Tetrahedron Letters, 1990, 31, 6883-6886.	1.4	29

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91	The Selective Claisen and Dieckmann Ester Condensations Promoted by Dichlorobis(trifluoromethanesulfonato)titanium(IV). Bulletin of the Chemical Society of Japan, 1989, 62, 1917-1924.	3.2	62
92	Novel and efficient synthesis of 2(5H)-furanone derivatives. Journal of Organic Chemistry, 1988, 53, 1560-1563.	3.2	26
93	A Convenient Synthesis of 3-Chloromethyl-2(3H)-benzothiazolones. Synthesis, 1988, 1988, 482-483.	2.3	9
94	An Improved Method for Preparation ofN-Alkyl-2(3H)-benzothiazolone Analogs. Bulletin of the Chemical Society of Japan, 1983, 56, 1255-1256.	3.2	6
95	PODOBLASTIN A, B AND C. NEW ANTIFUNGAL 3-ACYL-4-HYDROXY-5,6-DIHYDRO-2-PYRONES OBTAINED FROMPODOPHYLLUM PELTATUML. Chemistry Letters, 1982, 11, 1539-1542.	1.3	15
96	A NEW 3-ACYL-4-HYDROXY-2-PYRONE SYNTHESIS AND ITS APPLICATION TO TOTAL SYNTHESIS OF (Â±) PODOBLASTIN A, B AND C. Chemistry Letters, 1982, 11, 1543-1546.	1.3	18