Takahiro Soeta

List of Publications by Year
in descending order

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59 papers	1,913 citations	279798 23 h-index	254184 43 g-index
90 all docs	90 docs citations	90 times ranked	1686 citing authors

#	Article	IF	Citations
1	N-Boc-l-Valine-Connected Amidomonophosphane Rhodium(I) Catalyst for Asymmetric Arylation of N-Tosylarylimines with Arylboroxines. Journal of the American Chemical Society, 2004, 126, 8128-8129.	13.7	215
2	Small-Molecule CD4 Mimics Interact with a Highly Conserved Pocket on HIV-1 gp120. Structure, 2008, 16, 1689-1701.	3.3	160
3	Copper(II)-Catalyzed Exo and Enantioselective Cycloadditions of Azomethine Imines. Organic Letters, 2008, 10, 2971-2974.	4.6	116
4	Enantioselective 1,3-Dipolar Cycloadditions of Diazoacetates with Electron-Deficient Olefins. Organic Letters, 2007, 9, 1553-1556.	4.6	110
5	Structure-Based Design, Synthesis, and Characterization of Dual Hotspot Small-Molecule HIV-1 Entry Inhibitors. Journal of Medicinal Chemistry, 2012, 55, 4382-4396.	6.4	90
6	Asymmetric Alkylation ofN-Toluenesulfonylimines with Dialkylzinc Reagents Catalyzed by Copperâ^'Chiral Amidophosphine. Journal of Organic Chemistry, 2003, 68, 9723-9727.	3.2	79
7	[5 + 1] Cycloaddition of C,N-Cyclic Nâ€²-Acyl Azomethine Imines with Isocyanides. Organic Letters, 2012, 14, 1226-1229.	4.6	76
8	Design, synthesis and biological evaluation of small molecule inhibitors of CD4-gp120 binding based on virtual screening. Bioorganic and Medicinal Chemistry, 2011, 19, 91-101.	3.0	72
9	Enantioselective Conjugate Addition of Hydrazines to Î±,Î²-Unsaturated Imides. Synthesis of Chiral Pyrazolidinones. Journal of the American Chemical Society, 2007, 129, 4522-4523.	13.7	65
10	Enantioselective 1,3-Dipolar Cycloaddition of Nitrile Imines to Î±-Substituted and Î±,Î²-Disubstituted Î±,Î²-Unsaturated Carbonyl Substrates: A Method for Synthesizing Dihydropyrazoles Bearing a Chiral Quaternary Center. Advanced Synthesis and Catalysis, 2006, 348, 2371-2375.	4.3	60
11	O-Silylative Passerini Reaction: A New One-Pot Synthesis of Î±-Siloxyamides. Organic Letters, 2010, 12, 4341-4343.	4.6	51
12	Catalytic Asymmetric Conjugate Addition of Dialkylzinc Reagents to Î²-Aryl-Î±,Î²-unsaturatedN-2,4,6-Triisopropylphenylsulfonylaldimines with Use ofN-Boc-l-Val-Connected Amidophosphane-Copper(I) Catalyst. Journal of Organic Chemistry, 2005, 70, 297-300.	3.2	49
13	Asymmetric benzoin condensation promoted by chiral triazolium precatalyst bearing a pyridine moiety. Tetrahedron, 2012, 68, 894-899.	1.9	42
14	Borinic acid catalyzed Î±-addition to isocyanide with aldehyde and water. Tetrahedron Letters, 2011, 52, 2557-2559.	1.4	34
15	The Lewis acid-catalyzed [3+1+1] cycloaddition of azomethine ylides with isocyanides. Tetrahedron, 2014, 70, 6623-6629.	1.9	34
16	Kinetic resolution of 5-substituted cycloalkenones by peptidic amidophosphane-copper-catalyzed asymmetric conjugate addition of dialkylzinc. Tetrahedron, 2007, 63, 6573-6576.	1.9	33
17	Chiral amidophosphaneâ€“copper-catalyzed asymmetric conjugate addition of dialkylzinc reagents to nitroalkenes. Tetrahedron, 2005, 61, 7420-7424.	1.9	32
18	Nitrile Ylides: Diastereoselective Cycloadditions using Chiral Oxzolidinones Without Lewis Acid. Organic Letters, 2009, 11, 5366-5369.	4.6	32

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19	A three-component reaction of C,N-cyclic Nâ€²-acyl azomethine imines, isocyanides, and azide compounds: effective synthesis of 1,5-disubstituted tetrazoles with tetrahydroisoquinoline skeletons. Organic and Biomolecular Chemistry, 2013, 11, 2168.	2.8	28
20	Peptidic Amidomonophosphane Ligand for Copper-Catalyzed Asymmetric Conjugate Addition of Diorganozincs to Cycloalkenones. Advanced Synthesis and Catalysis, 2007, 349, 629-635.	4.3	27
21	Asymmetric Synthesis of 5-Arylcyclohexenones by Rhodium(I)-Catalyzed Conjugate Arylation of Racemic 5-(Trimethylsilyl)cyclohexenone with Arylboronic Acids. Organic Letters, 2005, 7, 4439-4441.	4.6	26
22	Stereoselective Synthesis of (2Z,4E)-2,4-Pentadien-1-ols via Sequential 1,4-Elimination Reaction and [1,2]-Wittig Rearrangement Starting from (E)-4-Alkoxy-2-butenyl Benzoates. Journal of Organic Chemistry, 2013, 78, 12654-12661.	3.2	26
23	Desymmetrization of 1,4â€Pentadienâ€3â€ol by the Asymmetric 1,3â€Dipolar Cycloaddition of Azomethine Imines. Chemistry - A European Journal, 2014, 20, 2058-2064.	3.3	26
24	Chlorosilane-Promoted Addition Reaction of Isocyanides to 3,4-Dihydroisoquinoline N-Oxides. Journal of Organic Chemistry, 2012, 77, 9878-9883.	3.2	24
25	Efficient Catalytic Asymmetric Synthesis oftrans-5-Aryl-2-substituted Cyclohexanones by Rhodium-Catalyzed Conjugate Arylation of Racemic 6-Substituted Cyclohexenones. Advanced Synthesis and Catalysis, 2006, 348, 2604-2608.	4.3	23
26	A Oneâ€Pot Oâ€Phosphinative Passerini/Pudovik Reaction: Efficient Synthesis of Highly Functionalized Î±â€(Phosphinyloxy)amide Derivatives. Chemistry - A European Journal, 2014, 20, 5007-5012.	3.3	23
27	An asymmetric intramolecular Stetter reaction catalyzed by a chiral triazolium precatalyst bearing a pyridine moiety. Tetrahedron, 2012, 68, 10188-10193.	1.9	21
28	N-Heterocyclic Carbene Catalyzed Oxidative Coupling of Aldehydes with Carbodiimides under Aerobic Conditions: Efficient Synthesis of N-Acylureas. Organic Letters, 2013, 15, 2088-2091.	4.6	21
29	Formal Total Synthesis of Manzacidin C Based on Asymmetric 1,3-Dipolar Cycloaddition of Azomethine Imines. Journal of Organic Chemistry, 2017, 82, 1969-1976.	3.2	21
30	Development of a One-Pot Synthetic Method for Multifunctional Oxazole Derivatives Using Isocyanide Dichloride. Journal of Organic Chemistry, 2017, 82, 4930-4935.	3.2	21
31	Amidophosphaneâ€“Copper(I)â€Catalyzed Asymmetric Conjugate Addition of Dialkylzinc Reagents to Racemic 6â€Substituted Cyclohexenones to Form 2,5â€Diâ€and 2,2,5â€Trisubstituted Cyclohexanones. Chemistry - an Asian Journal, 2008, 3, 342-350.	3.3	20
32	Oneâ€Pot Stereoselective Synthesis of 2â€Acylaziridines and 2â€Acylpyrrolidines from Nâ€(Propargylic)hydroxylamines. Chemistry - an Asian Journal, 2013, 8, 824-831.	3.3	19
33	Carboxylic Acid Free Novel Isocyanideâ€Based Reactions. Chemical Record, 2014, 14, 101-116.	5.8	19
34	Magnesiumâ€“Tartramide Complex Mediated Asymmetric Strecker-Type Reaction of Nitrones Using Cyanohydrin. Organic Letters, 2013, 15, 2422-2425.	4.6	18
35	[4+1] Cycloaddition of N-acylimine derivatives with isocyanides: efficient synthesis of 5-aminooxazoles and 5-aminothiazoles. Tetrahedron, 2014, 70, 3005-3010.	1.9	18
36	Chiral NHC Ligands Bearing a Pyridine Moiety in Copper-Catalyzed 1,2-Addition of Dialkylzinc Reagents to Î²-Aryl-Î±,Î²-unsaturated N-Tosylaldimines. Journal of Organic Chemistry, 2016, 81, 2817-2826.	3.2	18

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37	Ring Enlargement Reaction of C,N-Cyclic-Nâ€²-acyl Azomethine Imines with Sulfonium Ylide: An Efficient Synthesis of 3-Benzazepine Derivatives. Organic Letters, 2014, 16, 4854-4857.	4.6	16
38	(Z)-Selective Enol Triflation of Î±-Alkoxyacetoaldehydes: Application to Synthesis of (Z)-Allylic Alcohols via Cross-Coupling Reaction and [1,2]-Wittig Rearrangement. Journal of Organic Chemistry, 2015, 80, 5696-5703.	3.2	15
39	A One-Pot O-Sulfinative Passerini/Oxidation Reaction: Synthesis of Î±-(Sulfonyloxy)amide Derivatives. Journal of Organic Chemistry, 2015, 80, 3688-3694.	3.2	13
40	Asymmetric cross-benzoin condensation promoted by a chiral triazolium precatalyst bearing a pyridine moiety. Tetrahedron, 2017, 73, 3430-3437.	1.9	13
41	Phosphinic acid-promoted addition reaction of isocyanides to (Z)-hydroximoyl chlorides: efficient synthesis of Î±-(hydroxyimino)amides. Organic and Biomolecular Chemistry, 2016, 14, 694-700.	2.8	12
42	Chiral Amidophosphane-Rhodium(I)-Catalyzed Asymmetric Conjugate Arylation of Acyclic Enones with Arylboronic Acids. Chemical and Pharmaceutical Bulletin, 2009, 57, 1024-1027.	1.3	11
43	Chiral NHC ligands bearing a pyridine moiety in copper-catalyzed addition of diethylzinc to nitroalkenes. Tetrahedron, 2018, 74, 4601-4605.	1.9	10
44	Strecker-Type Reaction of Nitrones Using Cyanohydrin. Bulletin of the Chemical Society of Japan, 2012, 85, 231-235.	3.2	9
45	Development of a Synthetic Method for Multifunctionalized Pyrroles Using Isocyanide Dichloride as a Key Intermediate. Journal of Organic Chemistry, 2018, 83, 4831-4834.	3.2	9
46	Chiral Nâ€Heterocyclic Carbene Ligands Bearing a Pyridine Moiety for the Copperâ€Catalyzed Alkylation of Nâ€Sulfonylimines with Dialkylzinc Reagents. Chemistry - A European Journal, 2014, 20, 16773-16778.	3.3	8
47	Palladium-catalyzed Câ€“H Alkenylation of C-Aryl Nitrones. Chemistry Letters, 2017, 46, 45-47.	1.3	8
48	Synthesis of 3,6-Dihydro-2H-1,2-oxazines via Dimethylsulfoxonium Methylide Addition to Î±,Î²-Unsaturated Nitrones. Journal of Organic Chemistry, 2020, 85, 11258-11264.	3.2	8
49	Ugiâ€type Multicomponent Reaction of Nitrile Imines, Isocyanides, and Isocyanates: Effective Synthesis of 1,2,4â€Triazinedione Derivatives. Asian Journal of Organic Chemistry, 2016, 5, 1041-1047.	2.7	6
50	One-Carbon Homologation of Pyrrole Carboxaldehyde via Wittig Reaction and Mild Hydrolysis of Vinyl Ether â€“ toward the Synthesis of a Sterically Locked Phytochrome Chromophore. Heterocycles, 2015, 91, 593.	0.7	5
51	Efficient synthesis of benzothiophenes by [4+1] cycloaddition of 2-mercaptobenzaldehyde derivatives with isocyanides. Tetrahedron, 2016, 72, 7901-7905.	1.9	5
52	DIRECT OXIDATION OF 4-METHYLPYRROLE-2-CARBOXYLATES WITH DDQ IN THE PRESENCE OF A GLYCOL. Heterocycles, 2012, 86, 1031.	0.7	2
53	Regioselective Introduction of Substituents to the meso-Position of Pyrromethenone Derivative â€“ Application to the Synthesis of Sterically Fixed Phytochrome Chromophore Anchored to the C15 meso-Position. Heterocycles, 2015, 90, 883.	0.7	2
54	Development of New Synthetic Methods for Heterocycles Utilizing 1,3-Dipoles. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2015, 73, 65-75.	0.1	2

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55	N-Heterocyclic Carbene-Catalyzed Chemoselective Monoacylation of 1,n-Linear Diols. Organic Letters, 2021, 23, 8138-8142.	4.6	2
56	Synthesis of Sterically Fixed Phytochrome Chromophore Derivatives Bearing a 15E-Fixed or 15E-Anti-Fixed CD-Ring Component. Journal of Organic Chemistry, 2018, 83, 10743-10748.	3.2	1
57	Correction to â€œRegioselective Introduction of Substituents to The Meso-Position of Pyrromethenone Derivative â€“ Application to the Synthesis of Sterically Fixed Phytochrome Chromophore Anchored to the C15 Meso-Positionâ€• Heterocycles, 2015, 90, 883: DOI: 10.3987/COM-14-S(K)97. Heterocycles, 2017, 94, 1623.	0.7	1
58	Molecular Dynamics of Octyl Urea Crystals Analyzed by Solid-state NMR. Chemistry Letters, 2012, 41, 1433-1435.	1.3	0
59	Development of Multi-functional NHC Catalysts bearing Pyridine Moiety: Application to Catalytic Asymmetric Reactions. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2020, 78, 338-349.	0.1	0