Tetsuhiro Nemoto

List of Publications by Year
in descending order

125	3,908	87888	144013
papers	citations	38 h-index	57 g-index

173	173	173	2433
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Computation-guided asymmetric total syntheses of resveratrol dimers. Nature Communications, 2022, 13, 152.	12.8	6
2	Synthesis of Visible-Lightâ€“Activated Hypervalent Iodine and Photo-oxidation under Visible Light Irradiation <i>via</i> a Direct S₀â†’T_n Transition. Chemical and Pharmaceutical Bulletin, 2022, 70, 235-239.	1.3	1
3	Development of Selective Molecular Transformations Based on Unique Chemical Properties of Silver Catalyst: A Theoretical Analysis and Experimental Verification. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2022, 80, 440-450.	0.1	0
4	A visible-light activated secondary phosphine oxide ligand enabling Pd-catalyzed radical cross-couplings. Nature Communications, 2022, 13, .	12.8	7
5	Synthetic Studies on Didymeline Using Spirocyclization of Phenols with Diazo Functionality. Heterocycles, 2021, 103, 687.	0.7	1
6	Py ₃ -FITC: a new fluorescent probe for live cell imaging of collagen-rich tissues and ionocytes. Open Biology, 2021, 11, 200241.	3.6	2
7	Rapid Synthesis of Functionalized Hydrocarbazolones via Indole C2â^'H Activation Using Enone Functionality as a Directing Group/Electrophilic Species. Advanced Synthesis and Catalysis, 2021, 363, 2189-2198.	4.3	4
8	Stereoselective construction of fused cyclopropane from ynamide and its application to synthesis of small drug candidate molecules. Tetrahedron Letters, 2021, 70, 152985.	1.4	4
9	Maleic Acid/Thioureaâ€Catalyzed Dearomative ipsoâ€Friedelâ€“Crafts Reaction of Indoles to Produce Functionalized Spiroindolenines. European Journal of Organic Chemistry, 2021, 2021, 3999-4006.	2.4	3
10	Mechanistic Studies of the Pd- and Pt-Catalyzed Selective Cyclization of Propargyl/Allenyl Complexes. Journal of Organic Chemistry, 2021, 86, 9670-9681.	3.2	1
11	Asymmetric Intramolecular Dearomatization of Nonactivated Arenes with Ynamides for Rapid Assembly of Fused Ring System under Silver Catalysis. Journal of the American Chemical Society, 2021, 143, 604-611.	13.7	58
12	Machine learning enabling prediction of the bond dissociation enthalpy of hypervalent iodine from SMILES. Scientific Reports, 2021, 11, 20207.	3.3	12
13	Dual-Functional Enone-Directing Group/Electrophile for Sequential Câ€“C Bond Formation with Î±-Diazomalonates: A Short Synthesis of Chiral 3,4-Fused Tricyclic Indoles. ACS Catalysis, 2020, 10, 11971-11979.	11.2	32
14	Atypical Dearomative Spirocyclization of Î²-Naphthols with Diazoacetamides Using a Silver Catalyst. Organic Letters, 2020, 22, 8132-8138.	4.6	13
15	Silver-Catalyzed, Chemo- and Enantioselective Intramolecular Dearomatization of Indoles to Access Sterically Congested Azaspiro Frameworks. Journal of Organic Chemistry, 2020, 85, 10934-10950.	3.2	26
16	Site-Selective and Chemoselective Câ€“H Functionalization for the Synthesis of Spiroaminals via a Silver-Catalyzed Nitrene Transfer Reaction. ACS Catalysis, 2020, 10, 13296-13304.	11.2	16
17	Visible Light-Induced Direct S₀ â†’ T_n Transition of Benzophenone Promotes C(sp³)â€“H Alkynylation of Ethers and Amides. Journal of Organic Chemistry, 2020, 85, 11802-11811.	3.2	24
18	Computational studies of the mechanism of Pd-Catalyzed Intramolecular Friedelâ€“Crafts allylic alkylation of phenols. Tetrahedron, 2020, 76, 131146.	1.9	2

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19	Radical cascade cyclization for synthesizing 3,4-fused tricyclic benzofuran derivatives. Tetrahedron Letters, 2020, 61, 151754.	1.4	2
20	Visible-Light-Induced Metal-/Photocatalyst-Free Câ€“H Bond Imidation of Arenes. Organic Letters, 2020, 22, 2235-2239.	4.6	23
21	A Direct S₀â†'T_n Transition in the Photoreaction of Heavyâ€Atomâ€Containing Molecules. Angewandte Chemie - International Edition, 2020, 59, 6847-6852.	13.8	44
22	A Direct S 0 â†'T n Transition in the Photoreaction of Heavyâ€Atomâ€Containing Molecules. Angewandte Chemie, 2020, 132, 6914-6919.	2.0	8
23	Computational Study on the Synergic Effect of BrÃ¸nsted Acid and Hydrogen-Bonding Catalysis for the Dearomatization Reaction of Phenols with Diazo Functionality. Chemical and Pharmaceutical Bulletin, 2020, 68, 1104-1108.	1.3	3
24	Silverâ€Catalyzed Asymmetric Insertion into Phenolic Oâ€'H Bonds using Aryl Diazoacetates and Theoretical Mechanistic Studies. Chemistry - A European Journal, 2019, 25, 12058-12062.	3.3	25
25	Gold-catalyzed chemoselective formal (3+2)-Annulation reaction between Î²-naphthols and methyl aryldiazoacetate. Tetrahedron, 2019, 75, 3650-3656.	1.9	12
26	Determination of the best functional and basis sets for optimization of the structure of hypervalent iodines and calculation of their first and second bond dissociation enthalpies. Journal of Physical Organic Chemistry, 2019, 32, e3961.	1.9	26
27	Asymmetric Formal Synthesis of (+)-Catharanthine via Desymmetrization of Isoquinuclidine. Organic Letters, 2019, 21, 3750-3754.	4.6	24
28	Synthesis of 3,4â€Fused Tricyclic Indoles Using 3â€Alkylidene Indolines as Versatile Precursors. Chemical Record, 2019, 19, 320-332.	5.8	14
29	Chemoselective Intramolecular Formal Insertion Reaction of Rhâ€“Nitrenes into an Amide Bond Over Câ€'H Insertion. Chemistry - A European Journal, 2019, 25, 3119-3124.	3.3	26
30	Development of a Synthetic Process for K-8986, an H1-Receptor Antagonist. Organic Process Research and Development, 2019, 23, 470-476.	2.7	0
31	Exploring New Reactivity of Metal Carbenoids and its Application to Organic Synthesis. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2019, 77, 49-57.	0.1	4
32	Synthesis of LSD1 Inhibitor-Pyrrole-Imidazole Polyamide Conjugates for Region-Specific Alterations of Histone Modification. Heterocycles, 2019, 99, 891.	0.7	0
33	Acidâ€Promoted Cascade Cyclization to Produce 2â€(4â€²â€Alkoxyaryl)â€3,4â€Fused Tricyclic Dihydrobenzopyrans via a Vinylidene paraâ€Quinone Methide Intermediate. European Journal of Organic Chemistry, 2018, 2018, 1785-1788.	2.4	2
34	Catalytic asymmetric synthesis of Î±-methyl-p-boronophenylalanine. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1915-1918.	2.2	8
35	Binary additive effect of benzoic acid in ipso -Friedel-Crafts-type dearomatization of phenols using a chiral silver phosphate. Tetrahedron, 2018, 74, 2435-2439.	1.9	12
36	Synthesis of functionalized iodoalkenes using a multicomponent reaction triggered by electrophilic iodination of alkenyldiazoacetates. Tetrahedron Letters, 2018, 59, 1906-1908.	1.4	4

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37	Synthesis of 7â€Membered Ring Carbocycles via a Palladiumâ€Catalyzed Intramolecular Allylic Alkylationâ€“Isomerizationâ€“Cope Rearrangement Cascade. European Journal of Organic Chemistry, 2018, 2018, 2836-2840.	2.4	10
38	Enantioselective formal synthesis of (â^')-aurantioclavine using Pd-catalyzed cascade cyclization and organocatalytic asymmetric aziridination. Tetrahedron Letters, 2018, 59, 760-762.	1.4	22
39	Merging BrÃ¸nsted Acid and Hydrogenâ€Bonding Catalysis: Metalâ€Free Dearomatization of Phenols via ipsoâ€Friedelâ€Crafts Alkylation to Produce Functionalized Spirolactams. Advanced Synthesis and Catalysis, 2018, 360, 801-807.	4.3	16
40	Urea Insertion Reaction of Rhodium-Carbenoid. Chemical and Pharmaceutical Bulletin, 2018, 66, 1041-1047.	1.3	8
41	Lack of deuterium isotope effects in the antidepressant effects of (R)-ketamine in a chronic social defeat stress model. Psychopharmacology, 2018, 235, 3177-3185.	3.1	29
42	Synthetic Methods for 3,4â€Fused Tricyclic Indoles via Indole Ring Formation. Asian Journal of Organic Chemistry, 2018, 7, 1730-1742.	2.7	47
43	Silver-catalyzed regioselective hydroamination of alkenyl diazoacetates to synthesize Î³-amino acid equivalents. Organic and Biomolecular Chemistry, 2018, 16, 4675-4682.	2.8	26
44	Region-specific alteration of histone modification by LSD1 inhibitor conjugated with pyrrole-imidazole polyamide. Oncotarget, 2018, 9, 29316-29335.	1.8	6
45	Intramolecular Heck Insertion of a Diene-Allylic Amination Cascade to Synthesize a 2-Alkenyl-3,4-fused Indole Structure. Heterocycles, 2018, 97, 1175.	0.7	3
46	Synthetic Study of Dragmacidin E: Construction of the Core Structure Using Pd-Catalyzed Cascade Cyclization and Rh-Catalyzed Aminoacetoxylation. Journal of Organic Chemistry, 2017, 82, 2787-2793.	3.2	14
47	Rhodiumâ€Catalyzed Stereospecific Câ^'H Amination for the Construction of Spiroaminal Cores: Reactivity Difference between Nitrenoid and Carbenoid Species against Amide Functionality. Chemistry - A European Journal, 2017, 23, 7428-7432.	3.3	22
48	Synthesis of pyrrole-imidazole polyamide oligomers based on a copper-catalyzed cross-coupling strategy. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2197-2200.	2.2	2
49	Chemoselective Asymmetric Intramolecular Dearomatization of Phenols with Î±-Diazoacetamides Catalyzed by Silver Phosphate. Journal of the American Chemical Society, 2017, 139, 10188-10191.	13.7	125
50	Total Synthesis of Fargesine Using a Platinum-Catalyzed Intramolecular Friedel-Crafts-Type Câ€“H Couplingâ€“Allylic Amination Cascade. Heterocycles, 2017, 95, 243.	0.7	3
51	Platinumâ€Catalyzed Friedelâ€“Craftsâ€Type Câ^'H Couplingâ€“Allylic Amination Cascade to Synthesize 3,4â€Fused Tricyclic Indoles. Chemistry - A European Journal, 2016, 22, 4418-4421.	3.3	27
52	Inhibition of DNA Methylation at the MLH1 Promoter Region Using Pyrroleâ€“Imidazole Polyamide. ACS Omega, 2016, 1, 1164-1172.	3.5	8
53	Synthetic Study of Pactamycin: Enantioselective Construction of the Pactamycin Core with Five Contiguous Stereocenters. Organic Letters, 2016, 18, 2347-2350.	4.6	22
54	Construction of Functionalized Azapolycyclic Architectures via Formal Amide Insertion at a Low Catalyst Loading of Copper Trifluoroacetylacetonate. Advanced Synthesis and Catalysis, 2016, 358, 3123-3129.	4.3	21

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55	Synthesis of Spirocyclic and Fused Cyclic Compounds by Transition-Metal-Catalyzed Intramolecular Friedelâ€“Crafts-Type Reactions of Phenol Derivatives. Synlett, 2016, 27, 2301-2313.	1.8	51
56	Formal amide insertion strategy for the synthesis of anatoxin-a using rhodium catalysis. Tetrahedron, 2016, 72, 1395-1399.	1.9	14
57	Formal enantioselective synthesis of (â^')-allosamizoline using chiral diamine-catalyzed asymmetric aziridination of cyclic enones. Tetrahedron, 2016, 72, 1991-1997.	1.9	9
58	Enantioselective Total Synthesis of (+)â€Cephyrotoxin 287C. Advanced Synthesis and Catalysis, 2015, 357, 2547-2555.	4.3	13
59	Pd-Catalyzed Cascade Cyclization by Intramolecular Heck Insertion of an Alleneâ€“Allylic Amination Sequence: Application to the Synthesis of 3,4-Fused Tricyclic Indoles. Organic Letters, 2015, 17, 2622-2625.	4.6	42
60	Diastereoselective Synthesis of Trisubstituted Cyclopropanes by Palladium-Catalyzed Intramolecular Allylic Alkylation of Î±-Aryl EstersÂ. Synthesis, 2015, 47, 3914-3924.	2.3	7
61	General Approach to Nitrogen-Bridged Bicyclic Frameworks by Rh-Catalyzed Formal Carbenoid Insertion into an Amide Câ€“N Bond. Journal of Organic Chemistry, 2015, 80, 10317-10333.	3.2	47
62	Diastereoselective synthesis of quinolizidin-4-one and indolizidin-3-one derivatives with a spirocyclic motif via cascade cyclization using a gold(I)/BrÃ¸nsted acid relay catalysis. Tetrahedron Letters, 2015, 56, 6266-6268.	1.4	4
63	Synthesis of Spirocyclic or Fused Cyclic Compounds Using Transition Metal-Catalyzed Dearomatization of Phenols. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2015, 73, 977-986.	0.1	13
64	Goldâ€Catalyzed Carbocyclization of Phenols with a Terminal Alkyne via an Intramolecular ipsoâ€Friedelâ€“Crafts Alkenylation. Advanced Synthesis and Catalysis, 2014, 356, 2417-2421.	4.3	83
65	Scandiumâ€Catalyzed Cascade Cyclization to Produce Cyclobutaneâ€Fused Tetrahydroquinoline, Chromane, Thiochromane, and Tetrahydronaphthalene Derivatives. Advanced Synthesis and Catalysis, 2014, 356, 2088-2096.	4.3	15
66	Synthesis of 4,5-fused tricyclic quinolines via an acid-promoted intramolecular Friedelâ€“Crafts allenylation of aniline derivatives. Tetrahedron Letters, 2014, 55, 6726-6728.	1.4	7
67	Synthesis of nitrogen-containing fused-polycyclic compounds from tyramine derivatives using phenol dearomatization and cascade cyclization. Chemical Communications, 2014, 50, 12775-12778.	4.1	13
68	Enantioselective synthesis of (R)-Sumanirole using organocatalytic asymmetric aziridination of an Î±,Î²-unsaturated aldehyde. Tetrahedron: Asymmetry, 2014, 25, 1133-1137.	1.8	20
69	Synthesis of fused-tricyclic indole derivatives through an acid-promoted skeletal rearrangement. Tetrahedron, 2014, 70, 2151-2160.	1.9	21
70	Construction of Divergent Fused Heterocycles via an Acid-Promoted Intramolecular ipso-Friedelâ€“Crafts Alkylation of Phenol Derivatives. Journal of Organic Chemistry, 2014, 79, 3866-3875.	3.2	26
71	Formal meta-specific intramolecular Friedelâ€“Crafts allylic alkylation of phenols through a spirocyclizationâ€“dienoneâ€“phenol rearrangement cascade. Tetrahedron, 2013, 69, 9609-9615.	1.9	15
72	Palladiumâ€Catalyzed Intramolecular ipsoâ€Friedelâ€“Crafts Alkylation of Phenols and Indoles: Rearomatizationâ€Assisted Oxidative Addition. Angewandte Chemie - International Edition, 2013, 52, 2217-2220.	13.8	165

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73	A novel method for synthesizing 3-arylpyrrolidine and 4-arylpiperidine derivatives through an acid-promoted skeletal rearrangement. Tetrahedron Letters, 2013, 54, 1562-1565.	1.4	18
74	Synthesis of spiro[4.5]cyclohexadienones with an allene motif via a base-promoted intramolecular ipso-Friedelâ€“Crafts addition of phenols to propargyl bromides. Tetrahedron, 2013, 69, 3403-3409.	1.9	21
75	Enantioselective total syntheses of cedrelin A and methylated paralycolin B using Pd-catalyzed asymmetric intramolecular Friedelâ€“Crafts allylic alkylation of phenols. Tetrahedron, 2013, 69, 5913-5919.	1.9	12
76	Acid-promoted Cascade Cyclization to Produce Fused-polycyclic Indole Derivatives. Organic Letters, 2013, 15, 2978-2981.	4.6	54
77	Palladiumâ€Catalyzed Intramolecular ipsoâ€Friedelâ€“Crafts Allylic Alkylation of Phenols via Arylative Activation of Allenes. Advanced Synthesis and Catalysis, 2013, 355, 2693-2700.	4.3	32
78	Efficient Diastereoselective Synthesis of (2R,3R,4R)-2-Amino-3-hydroxy-4,5-dimethylhexanoic Acid, the Lactone Linkage Unit of Homophymine A. Chemical and Pharmaceutical Bulletin, 2013, 61, 245-250.	1.3	9
79	An acid-promoted novel skeletal rearrangement initiated by intramolecular ipso-Friedelâ€“Crafts-type addition to 3-alkylidene indolenium cations. Chemical Communications, 2012, 48, 5431.	4.1	28
80	Enantioselective construction of all-carbon quaternary spirocenters through a Pd-catalyzed asymmetric intramolecular ipso-Friedelâ€“Crafts allylic alkylation of phenols. Tetrahedron: Asymmetry, 2012, 23, 859-866.	1.8	94
81	Asymmetric Synthesis of Chiral 9,10-Dihydrophenanthrenes Using Pd-Catalyzed Asymmetric Intramolecular Friedelâ€“Crafts Allylic Alkylation of Phenols. Organic Letters, 2012, 14, 2350-2353.	4.6	43
82	Asymmetric synthesis of highly functionalized Î³-lactams through an organocatalytic aza-Michaelâ€“Michael reaction cascade using fumaric acid amide esters as multi-reactive substrates. Tetrahedron Letters, 2012, 53, 1245-1248.	1.4	21
83	Synthesis of Novel Bidentate P-Chiral Diaminophosphine Oxide Preligands: Application to Pd-Catalyzed Asymmetric Allylic Substitution Reactions. Chemical and Pharmaceutical Bulletin, 2011, 59, 412-415.	1.3	5
84	Catalytic asymmetric synthesis using P-chiral diaminophosphine oxide preligands: DIAPHOXs. Tetrahedron, 2011, 67, 667-687.	1.9	57
85	Novel chiral hydrogen bond donor catalysts based on a 4,5-diaminoxanthene scaffold: application to enantioselective conjugate addition of 1,3-dicarbonyl compounds to nitroalkenes. Tetrahedron Letters, 2011, 52, 987-991.	1.4	22
86	Asymmetric Synthesis of 2-Substituted Hexahydroquinolin-4-ones Using a Pd-Catalyzed Asymmetric Allylic Amination and Intramolecular Mannich Reaction: Catalytic Asymmetric Synthesis of 2-epi-cis-195A. Synthesis, 2011, 2011, 2540-2548.	2.3	3
87	Development of Transition Metal-Catalyzed Asymmetric Reactions Using Chiral Diaminophosphine Oxide Preligands and Their Applications. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2011, 69, 763-774.	0.1	4
88	Catalytic Asymmetric Total Synthesis of Tangutorine. Organic Letters, 2010, 12, 872-875.	4.6	29
89	Novel Method for Synthesizing Spiro[4.5]cyclohexadienones through a Pd-Catalyzed Intramolecular ipso-Friedelâ€“Crafts Allylic Alkylation of Phenols. Organic Letters, 2010, 12, 5020-5023.	4.6	232
90	Palladiumâ€Catalyzed Asymmetric Allylic Alkylation of 2,3â€Allenyl Acetates Using a Chiral Diaminophosphine Oxide. Advanced Synthesis and Catalysis, 2009, 351, 1773-1778.	4.3	68

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91	Pd-catalyzed asymmetric allylic alkylation of 2-substituted cycloalkenyl carbonates using a chiral diaminophosphine oxide: (S,RP)-Ph-DIAPHOX. Tetrahedron: Asymmetry, 2008, 19, 1106-1113.	1.8	16
92	Pd-catalyzed asymmetric allylic aminations with aromatic amine nucleophiles using chiral diaminophosphine oxides: DIAPHOXs. Tetrahedron: Asymmetry, 2008, 19, 1751-1759.	1.8	23
93	Transition Metal-Catalyzed Asymmetric Reactions Using P-Chirogenic Diaminophosphine Oxides: DIAPHOXs. Chemical and Pharmaceutical Bulletin, 2008, 56, 1213-1228.	1.3	38
94	Pd-Catalyzed Asymmetric Allylic Amination of Moritaâ^'Baylisâ^'Hillman Adduct Derivatives Using Chiral Diaminophosphine Oxides:Â DIAPHOXs. Organic Letters, 2007, 9, 927-930.	4.6	80
95	Synthesis of novel P-stereogenic phenylphosphonamides and their application to Lewis base-catalyzed asymmetric allylation of benzaldehyde. Tetrahedron: Asymmetry, 2007, 18, 1844-1849.	1.8	11
96	Ir-catalyzed asymmetric allylic alkylation using chiral diaminophosphine oxides: DIAPHOXs. Formal enantioselective synthesis of (â^')-paroxetine. Tetrahedron Letters, 2007, 48, 4977-4981.	1.4	47
97	Pd-catalyzed enantioselective synthesis of quaternary Î±-amino acid derivatives using a phenylalanine-derived P-chirogenic diaminophosphine oxide. Tetrahedron Letters, 2007, 48, 6304-6307.	1.4	28
98	Pd-catalyzed asymmetric allylic substitution reactions using P-chirogenic diaminophosphine oxides: DIAPHOXs. Chemical Record, 2007, 7, 150-158.	5.8	39
99	Efficient synthesis of 3-substituted 2,3-dihydroquinolin-4-ones using a one-pot sequential multi-catalytic process: Pd-catalyzed allylic aminationâ€"thiazolium salt-catalyzed Stetter reaction cascade. Tetrahedron Letters, 2006, 47, 4365-4368.	1.4	77
100	Pd-catalyzed asymmetric allylic alkylation with nitromethane using a chiral diaminophosphine oxide: (S,RP)-Ph-DIAPHOX. Enantioselective synthesis of (R)-preclamol and (R)-baclofen. Tetrahedron Letters, 2006, 47, 6577-6581.	1.4	49
101	Ir-catalyzed asymmetric allylic amination using chiral diaminophosphine oxides. Tetrahedron Letters, 2006, 47, 8737-8740.	1.4	44
102	Development of a New Class of Chiral Phosphorus Ligands: P-Chirogenic Diaminophosphine Oxides. A Unique Source of Enantioselection in Pd-Catalyzed Asymmetric Construction of Quaternary Carbons.. ChemInform, 2006, 37, no.	0.0	0
103	Pd-Catalyzed Asymmetric Allylic Amination Using Aspartic Acid Derived P-Chirogenic Diaminophosphine Oxides: DIAPHOXs.. ChemInform, 2006, 37, no.	0.0	0
104	Enantioselective Construction of All-Carbon Quaternary Stereocenters Using Palladium-Catalyzed Asymmetric Allylic Alkylation of Î³-Acetoxy-Î±,Î²-unsaturated Carbonyl Compounds. Advanced Synthesis and Catalysis, 2005, 347, 1504-1506.	4.3	48
105	Pd-Catalyzed Asymmetric Allylic Amination Using Aspartic Acid Derived P-Chirogenic Diaminophosphine Oxides:â€‰ DIAPHOXs. Organic Letters, 2005, 7, 4447-4450.	4.6	52
106	Development of a New Class of Chiral Phosphorus Ligands:Â P-Chirogenic Diaminophosphine Oxides. A Unique Source of Enantioselection in Pd-Catalyzed Asymmetric Construction of Quaternary Carbons. Journal of Organic Chemistry, 2005, 70, 7172-7178.	3.2	65
107	Asymmetric Catalysis Special Feature Part I: Enantioselective syntheses and biological studies of aeruginosin 298-A and its analogs: Application of catalytic asymmetric phase-transfer reaction. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5433-5438.	7.1	46
108	Efficient Synthesis of ChiralÎ±- andÎ²-Hydroxy Amides: Application to the Synthesis of (R)-Fluoxetine. Angewandte Chemie - International Edition, 2004, 43, 317-320.	13.8	100

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109	Catalytic Asymmetric Epoxidation of Î±,Î²-Unsaturated Carboxylic Acid Imidazolides and Amides by Lanthanoidâ€"BINOL Complexes.. ChemInform, 2004, 35, no.	0.0	0
110	Efficient Synthesis of Chiral Î±- and Î²-Hydroxy Amides: Application to the Synthesis of (R)-Fluoxetine.. ChemInform, 2004, 35, no.	0.0	0
111	P-Chirogenic Diaminophosphine Oxide: A New Class of Chiral Phosphorus Ligands for Asymmetric Catalysis.. ChemInform, 2004, 35, no.	0.0	0
112	Strategy for Enantio- and Diastereoselective Syntheses of All Possible Stereoisomers of 1,3-Polyol Arrays Based on a Highly Catalyst-Controlled Epoxidation ofÎ±,Î²-Unsaturated Morpholinyl Amides: Application to Natural Product Synthesis. Chemistry - A European Journal, 2004, 10, 1527-1544.	3.3	50
113	P-Chirogenic Diaminophosphine Oxide:Â A New Class of Chiral Phosphorus Ligands for Asymmetric Catalysis. Journal of the American Chemical Society, 2004, 126, 3690-3691.	13.7	122
114	Catalytic asymmetric epoxidation of Î±,Î²-unsaturated carboxylic acid imidazolides and amides by lanthanideâ€"BINOL complexes. Tetrahedron, 2003, 59, 10485-10497.	1.9	37
115	Catalytic Asymmetric Epoxidation of Î±,Î²-Unsaturated Amides: Efficient Synthesis of Î²-Aryl Î±-Hydroxy Amides Using a One-Pot Tandem Catalytic Asymmetric Epoxidationâ€"Pd-Catalyzed Epoxide Opening Process.. ChemInform, 2003, 34, no.	0.0	0
116	Catalytic Asymmetric Synthesis of Both syn- and anti-3,5-Dihydroxy Esters: Application to 1,3-Polyol/Î±-Pyrone Natural Product Synthesis.. ChemInform, 2003, 34, no.	0.0	0
117	Unique reactivity of ?,?-unsaturated carboxylic acid imidazolides: Catalytic asymmetric synthesis of ?,?-epoxy esters and ?,?-epoxy carboxylic acid derivatives. Chirality, 2003, 15, 306-311.	2.6	14
118	Enantioselective total syntheses of (+)-decursin and related natural compounds using catalytic asymmetric epoxidation of an enone. Tetrahedron, 2003, 59, 6889-6897.	1.9	58
119	Enantioselective Syntheses of Aeruginosin 298-A and Its Analogues Using a Catalytic Asymmetric Phase-Transfer Reaction and Epoxidation. Journal of the American Chemical Society, 2003, 125, 11206-11207.	13.7	89
120	Catalytic Asymmetric Synthesis of Both syn- and anti-3,5-Dihydroxy Esters:â€‰ Application to 1,3-Polyol/Î±-Pyrone Natural Product Synthesis. Organic Letters, 2003, 5, 495-498.	4.6	56
121	Catalytic Asymmetric Epoxidation of Î±,Î²-Unsaturated Amides:Â Efficient Synthesis of Î²-Aryl Î±-Hydroxy Amides Using a One-Pot Tandem Catalytic Asymmetric Epoxidationâ^'Pd-Catalyzed Epoxide Opening Process. Journal of the American Chemical Society, 2002, 124, 14544-14545.	13.7	117
122	Catalytic Asymmetric Epoxidation of .ALPHA.,.BETA.-Unsaturated Carbonyl Compounds.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2002, 60, 94-105.	0.1	60
123	Catalytic Asymmetric Epoxidation of Enones Using Laâ^'BINOLâ^'Triphenylarsine Oxide Complex:Â Structural Determination of the Asymmetric Catalyst. Journal of the American Chemical Society, 2001, 123, 2725-2732.	13.7	162
124	Catalytic Asymmetric Synthesis of Î±,Î²-Epoxy Esters, Aldehydes, Amides, and Î³,Î´-Epoxy Î²-Keto Esters:Â Unique Reactivity of Î±,Î²-Unsaturated Carboxylic Acid Imidazolides. Journal of the American Chemical Society, 2001, 123, 9474-9475.	13.7	104
125	Enantioselective total syntheses of novel PKC activator (+)-decursin and its derivatives using catalytic asymmetric epoxidation of an enone. Tetrahedron Letters, 2000, 41, 9569-9574.	1.4	53