

# Tetsuhiro Nemoto

## List of Publications by Year in descending order

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125  
papers

3,908  
citations

87888

38  
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144013

57  
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173  
all docs

173  
docs citations

173  
times ranked

2433  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Method for Synthesizing Spiro[4.5]cyclohexadienones through a Pd-Catalyzed Intramolecular <i>ipso</i> -Friedel-Crafts Allylic Alkylation of Phenols. <i>Organic Letters</i> , 2010, 12, 5020-5023.	4.6	232
2	Palladium-Catalyzed Intramolecular <i>ipso</i> -Friedel-Crafts Alkylation of Phenols and Indoles: Rearomatization-Assisted Oxidative Addition. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2217-2220.	13.8	165
3	Catalytic Asymmetric Epoxidation of Enones Using La-BINOL-Triphenylarsine Oxide Complex: Structural Determination of the Asymmetric Catalyst. <i>Journal of the American Chemical Society</i> , 2001, 123, 2725-2732.	13.7	162
4	Chemoselective Asymmetric Intramolecular Dearomatization of Phenols with $\beta$ -Diazoacetamides Catalyzed by Silver Phosphate. <i>Journal of the American Chemical Society</i> , 2017, 139, 10188-10191.	13.7	125
5	P-Chirogenic Diaminophosphine Oxide: A New Class of Chiral Phosphorus Ligands for Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , 2004, 126, 3690-3691.	13.7	122
6	Catalytic Asymmetric Epoxidation of $\beta,\beta$ -Unsaturated Amides: Efficient Synthesis of $\beta$ -Aryl $\beta$ -Hydroxy Amides Using a One-Pot Tandem Catalytic Asymmetric Epoxidation-Pd-Catalyzed Epoxide Opening Process. <i>Journal of the American Chemical Society</i> , 2002, 124, 14544-14545.	13.7	117
7	Catalytic Asymmetric Synthesis of $\beta,\beta$ -Epoxy Esters, Aldehydes, Amides, and $\beta,\beta$ -Epoxy $\beta$ -Keto Esters: Unique Reactivity of $\beta,\beta$ -Unsaturated Carboxylic Acid Imidazolides. <i>Journal of the American Chemical Society</i> , 2001, 123, 9474-9475.	13.7	104
8	Efficient Synthesis of Chiral $\beta$ - and $\beta$ -Hydroxy Amides: Application to the Synthesis of (R)-Fluoxetine. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 317-320.	13.8	100
9	Enantioselective construction of all-carbon quaternary spirocenters through a Pd-catalyzed asymmetric intramolecular <i>ipso</i> -Friedel-Crafts allylic alkylation of phenols. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 859-866.	1.8	94
10	Enantioselective Syntheses of Aeruginosin 298-A and Its Analogues Using a Catalytic Asymmetric Phase-Transfer Reaction and Epoxidation. <i>Journal of the American Chemical Society</i> , 2003, 125, 11206-11207.	13.7	89
11	Gold-Catalyzed Carbocyclization of Phenols with a Terminal Alkyne <i>via</i> an Intramolecular <i>ipso</i> -Friedel-Crafts Alkenylation. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2417-2421.	4.3	83
12	Pd-Catalyzed Asymmetric Allylic Amination of Morita-Baylis-Hillman Adduct Derivatives Using Chiral Diaminophosphine Oxides: DIAPHOXs. <i>Organic Letters</i> , 2007, 9, 927-930.	4.6	80
13	Efficient synthesis of 3-substituted 2,3-dihydroquinolin-4-ones using a one-pot sequential multi-catalytic process: Pd-catalyzed allylic amination-thiazolium salt-catalyzed Stetter reaction cascade. <i>Tetrahedron Letters</i> , 2006, 47, 4365-4368.	1.4	77
14	Palladium-Catalyzed Asymmetric Allylic Alkylation of 2,3-Allenyl Acetates Using a Chiral Diaminophosphine Oxide. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1773-1778.	4.3	68
15	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. <i>Journal of Organic Chemistry</i> , 2005, 70, 7172-7178.	3.2	65
16	Catalytic Asymmetric Epoxidation of .ALPHA.,.BETA.-Unsaturated Carbonyl Compounds.. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 2002, 60, 94-105.	0.1	60
17	Enantioselective total syntheses of (+)-decursin and related natural compounds using catalytic asymmetric epoxidation of an enone. <i>Tetrahedron</i> , 2003, 59, 6889-6897.	1.9	58
18	Asymmetric Intramolecular Dearomatization of Nonactivated Arenes with Ynamides for Rapid Assembly of Fused Ring System under Silver Catalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 604-611.	13.7	58

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19	Catalytic asymmetric synthesis using P-chiral diaminophosphine oxide preligands: DIAPHOXs. <i>Tetrahedron</i> , 2011, 67, 667-687.	1.9	57
20	Catalytic Asymmetric Synthesis of Both syn- and anti-3,5-Dihydroxy Esters: Application to 1,3-Polyol/1,4-Pyrone Natural Product Synthesis. <i>Organic Letters</i> , 2003, 5, 495-498.	4.6	56
21	Acid-promoted Cascade Cyclization to Produce Fused-polycyclic Indole Derivatives. <i>Organic Letters</i> , 2013, 15, 2978-2981.	4.6	54
22	Enantioselective total syntheses of novel PKC activator (+)-decursin and its derivatives using catalytic asymmetric epoxidation of an enone. <i>Tetrahedron Letters</i> , 2000, 41, 9569-9574.	1.4	53
23	Pd-Catalyzed Asymmetric Allylic Amination Using Aspartic Acid Derived P-Chirogenic Diaminophosphine Oxides: DIAPHOXs. <i>Organic Letters</i> , 2005, 7, 4447-4450.	4.6	52
24	Synthesis of Spirocyclic and Fused Cyclic Compounds by Transition-Metal-Catalyzed Intramolecular Friedel-Crafts-Type Reactions of Phenol Derivatives. <i>Synlett</i> , 2016, 27, 2301-2313.	1.8	51
25	Strategy for Enantio- and Diastereoselective Syntheses of All Possible Stereoisomers of 1,3-Polyol Arrays Based on a Highly Catalyst-Controlled Epoxidation of 1,2-Unsaturated Morpholinyl Amides: Application to Natural Product Synthesis. <i>Chemistry - A European Journal</i> , 2004, 10, 1527-1544.	3.3	50
26	Pd-catalyzed asymmetric allylic alkylation with nitromethane using a chiral diaminophosphine oxide: (S,RP)-Ph-DIAPHOX. Enantioselective synthesis of (R)-preclamol and (R)-baclofen. <i>Tetrahedron Letters</i> , 2006, 47, 6577-6581.	1.4	49
27	Enantioselective Construction of All-Carbon Quaternary Stereocenters Using Palladium-Catalyzed Asymmetric Allylic Alkylation of 1 <sup>3</sup> -Acetoxy-1,2-unsaturated Carbonyl Compounds. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1504-1506.	4.3	48
28	Ir-catalyzed asymmetric allylic alkylation using chiral diaminophosphine oxides: DIAPHOXs. Formal enantioselective synthesis of (S)-paroxetine. <i>Tetrahedron Letters</i> , 2007, 48, 4977-4981.	1.4	47
29	General Approach to Nitrogen-Bridged Bicyclic Frameworks by Rh-Catalyzed Formal Carbenoid Insertion into an Amide C-N Bond. <i>Journal of Organic Chemistry</i> , 2015, 80, 10317-10333.	3.2	47
30	Synthetic Methods for 3,4-Fused Tricyclic Indoles via Indole Ring Formation. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1730-1742.	2.7	47
31	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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 5433-5438.	7.1	46
32	Ir-catalyzed asymmetric allylic amination using chiral diaminophosphine oxides. <i>Tetrahedron Letters</i> , 2006, 47, 8737-8740.	1.4	44
33	A Direct S <sub>0</sub> →T <sub>1</sub> Transition in the Photoreaction of Heavy-Atom-Containing Molecules. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6847-6852.	13.8	44
34	Asymmetric Synthesis of Chiral 9,10-Dihydrophenanthrenes Using Pd-Catalyzed Asymmetric Intramolecular Friedel-Crafts Allylic Alkylation of Phenols. <i>Organic Letters</i> , 2012, 14, 2350-2353.	4.6	43
35	Pd-Catalyzed Cascade Cyclization by Intramolecular Heck Insertion of an Allene-Allylic Amination Sequence: Application to the Synthesis of 3,4-Fused Tricyclic Indoles. <i>Organic Letters</i> , 2015, 17, 2622-2625.	4.6	42
36	Pd-catalyzed asymmetric allylic substitution reactions using P-chirogenic diaminophosphine oxides: DIAPHOXs. <i>Chemical Record</i> , 2007, 7, 150-158.	5.8	39

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37	Transition Metal-Catalyzed Asymmetric Reactions Using P-Chirogenic Diaminophosphine Oxides: DIAPHOXs. <i>Chemical and Pharmaceutical Bulletin</i> , 2008, 56, 1213-1228.	1.3	38
38	Catalytic asymmetric epoxidation of $\hat{1}\pm, \hat{1}^2$ -unsaturated carboxylic acid imidazolides and amides by lanthanide-BINOL complexes. <i>Tetrahedron</i> , 2003, 59, 10485-10497.	1.9	37
39	Palladium-Catalyzed Intramolecular <i>ipso</i> -Friedel-Crafts Allylic Alkylation of Phenols via Arylative Activation of Allenes. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2693-2700.	4.3	32
40	Dual-Functional Enone-Directing Group/Electrophile for Sequential C-C Bond Formation with $\hat{1}\pm$ -Diazomalونات: A Short Synthesis of Chiral 3,4-Fused Tricyclic Indoles. <i>ACS Catalysis</i> , 2020, 10, 11971-11979.	11.2	32
41	Catalytic Asymmetric Total Synthesis of Tangutorine. <i>Organic Letters</i> , 2010, 12, 872-875.	4.6	29
42	Lack of deuterium isotope effects in the antidepressant effects of (R)-ketamine in a chronic social defeat stress model. <i>Psychopharmacology</i> , 2018, 235, 3177-3185.	3.1	29
43	Pd-catalyzed enantioselective synthesis of quaternary $\hat{1}\pm$ -amino acid derivatives using a phenylalanine-derived P-chirogenic diaminophosphine oxide. <i>Tetrahedron Letters</i> , 2007, 48, 6304-6307.	1.4	28
44	An acid-promoted novel skeletal rearrangement initiated by intramolecular <i>ipso</i> -Friedel-Crafts-type addition to 3-alkylidene indolenium cations. <i>Chemical Communications</i> , 2012, 48, 5431.	4.1	28
45	Platinum-Catalyzed Friedel-Crafts Type C-H Coupling-Allylic Amination Cascade to Synthesize 3,4-Fused Tricyclic Indoles. <i>Chemistry - A European Journal</i> , 2016, 22, 4418-4421.	3.3	27
46	Construction of Divergent Fused Heterocycles via an Acid-Promoted Intramolecular <i>ipso</i> -Friedel-Crafts Alkylation of Phenol Derivatives. <i>Journal of Organic Chemistry</i> , 2014, 79, 3866-3875.	3.2	26
47	Silver-catalyzed regioselective hydroamination of alkenyl diazoacetates to synthesize $\hat{1}^3$ -amino acid equivalents. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 4675-4682.	2.8	26
48	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. <i>Journal of Physical Organic Chemistry</i> , 2019, 32, e3961.	1.9	26
49	Chemoselective Intramolecular Formal Insertion Reaction of Rh-Nitrenes into an Amide Bond Over C-H Insertion. <i>Chemistry - A European Journal</i> , 2019, 25, 3119-3124.	3.3	26
50	Silver-Catalyzed, Chemo- and Enantioselective Intramolecular Dearomatization of Indoles to Access Sterically Congested Azaspiro Frameworks. <i>Journal of Organic Chemistry</i> , 2020, 85, 10934-10950.	3.2	26
51	Silver-Catalyzed Asymmetric Insertion into Phenolic O-H Bonds using Aryl Diazoacetates and Theoretical Mechanistic Studies. <i>Chemistry - A European Journal</i> , 2019, 25, 12058-12062.	3.3	25
52	Asymmetric Formal Synthesis of (+)-Catharanthine via Desymmetrization of Isoquinulidine. <i>Organic Letters</i> , 2019, 21, 3750-3754.	4.6	24
53	Visible Light-Induced Direct S <sub>0</sub> → T <sub>1</sub> Transition of Benzophenone Promotes C(sp <sup>3</sup> )-H Alkynylation of Ethers and Amides. <i>Journal of Organic Chemistry</i> , 2020, 85, 11802-11811.	3.2	24
54	Pd-catalyzed asymmetric allylic aminations with aromatic amine nucleophiles using chiral diaminophosphine oxides: DIAPHOXs. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 1751-1759.	1.8	23

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55	Visible-Light-Induced Metal-/Photocatalyst-Free C-H Bond Imidation of Arenes. <i>Organic Letters</i> , 2020, 22, 2235-2239.	4.6	23
56	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. <i>Tetrahedron Letters</i> , 2011, 52, 987-991.	1.4	22
57	Synthetic Study of Pactamycin: Enantioselective Construction of the Pactamycin Core with Five Contiguous Stereocenters. <i>Organic Letters</i> , 2016, 18, 2347-2350.	4.6	22
58	Rhodium-Catalyzed Stereospecific C-H Amination for the Construction of Spiroaminal Cores: Reactivity Difference between Nitrenoid and Carbenoid Species against Amide Functionality. <i>Chemistry - A European Journal</i> , 2017, 23, 7428-7432.	3.3	22
59	Enantioselective formal synthesis of ( $\alpha$ )-aurantioclavine using Pd-catalyzed cascade cyclization and organocatalytic asymmetric aziridination. <i>Tetrahedron Letters</i> , 2018, 59, 760-762.	1.4	22
60	Asymmetric synthesis of highly functionalized $\beta$ -lactams through an organocatalytic aza-Michael-Michael reaction cascade using fumaric acid amide esters as multi-reactive substrates. <i>Tetrahedron Letters</i> , 2012, 53, 1245-1248.	1.4	21
61	Synthesis of spiro[4.5]cyclohexadienones with an allene motif via a base-promoted intramolecular ipso-Friedel-Crafts addition of phenols to propargyl bromides. <i>Tetrahedron</i> , 2013, 69, 3403-3409.	1.9	21
62	Synthesis of fused-tricyclic indole derivatives through an acid-promoted skeletal rearrangement. <i>Tetrahedron</i> , 2014, 70, 2151-2160.	1.9	21
63	Construction of Functionalized Azapolycyclic Architectures via Formal Amide Insertion at a Low Catalyst Loading of Copper Trifluoroacetylacetonate. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3123-3129.	4.3	21
64	Enantioselective synthesis of (R)-Sumaniole using organocatalytic asymmetric aziridination of an $\alpha,\beta$ -unsaturated aldehyde. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 1133-1137.	1.8	20
65	A novel method for synthesizing 3-arylpyrrolidine and 4-arylpiperidine derivatives through an acid-promoted skeletal rearrangement. <i>Tetrahedron Letters</i> , 2013, 54, 1562-1565.	1.4	18
66	Pd-catalyzed asymmetric allylic alkylation of 2-substituted cycloalkenyl carbonates using a chiral diaminophosphine oxide: (S,RP)-Ph-DIAPHOX. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 1106-1113.	1.8	16
67	Merging Brønsted Acid and Hydrogen Bonding Catalysis: Metal-Free Dearomatization of Phenols via ipso-Friedel-Crafts Alkylation to Produce Functionalized Spirolactams. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 801-807.	4.3	16
68	Site-Selective and Chemoselective C-H Functionalization for the Synthesis of Spiroaminals via a Silver-Catalyzed Nitrene Transfer Reaction. <i>ACS Catalysis</i> , 2020, 10, 13296-13304.	11.2	16
69	Formal meta-specific intramolecular Friedel-Crafts allylic alkylation of phenols through a spirocyclization-dienone-phenol rearrangement cascade. <i>Tetrahedron</i> , 2013, 69, 9609-9615.	1.9	15
70	Scandium-Catalyzed Cascade Cyclization to Produce Cyclobutane-Fused Tetrahydroquinoline, Chromane, Thiochromane, and Tetrahydronaphthalene Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2088-2096.	4.3	15
71	Unique reactivity of $\alpha,\beta$ -unsaturated carboxylic acid imidazolides: Catalytic asymmetric synthesis of $\alpha,\beta$ -epoxy esters and $\alpha,\beta$ -epoxy carboxylic acid derivatives. <i>Chirality</i> , 2003, 15, 306-311.	2.6	14
72	Formal amide insertion strategy for the synthesis of anatoxin-a using rhodium catalysis. <i>Tetrahedron</i> , 2016, 72, 1395-1399.	1.9	14

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73	Synthetic Study of Dragmacidin E: Construction of the Core Structure Using Pd-Catalyzed Cascade Cyclization and Rh-Catalyzed Aminoacetoxylation. <i>Journal of Organic Chemistry</i> , 2017, 82, 2787-2793.	3.2	14
74	Synthesis of 3,4-Fused Tricyclic Indoles Using $\beta$ -Alkylidene Indolines as Versatile Precursors. <i>Chemical Record</i> , 2019, 19, 320-332.	5.8	14
75	Synthesis of nitrogen-containing fused-polycyclic compounds from tyramine derivatives using phenol dearomatization and cascade cyclization. <i>Chemical Communications</i> , 2014, 50, 12775-12778.	4.1	13
76	Enantioselective Total Synthesis of (+)-Gephyrotoxin 287C. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2547-2555.	4.3	13
77	Atypical Dearomative Spirocyclization of $\beta$ -Naphthols with Diazoacetamides Using a Silver Catalyst. <i>Organic Letters</i> , 2020, 22, 8132-8138.	4.6	13
78	Synthesis of Spirocyclic or Fused Cyclic Compounds Using Transition Metal-Catalyzed Dearomatization of Phenols. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2015, 73, 977-986.	0.1	13
79	Enantioselective total syntheses of cedrelin A and methylated paralycolin B using Pd-catalyzed asymmetric intramolecular Friedel-Crafts allylic alkylation of phenols. <i>Tetrahedron</i> , 2013, 69, 5913-5919.	1.9	12
80	Binary additive effect of benzoic acid in ipso-Friedel-Crafts-type dearomatization of phenols using a chiral silver phosphate. <i>Tetrahedron</i> , 2018, 74, 2435-2439.	1.9	12
81	Gold-catalyzed chemoselective formal (3+2)-Annulation reaction between $\beta$ -naphthols and methyl aryl diazoacetate. <i>Tetrahedron</i> , 2019, 75, 3650-3656.	1.9	12
82	Machine learning enabling prediction of the bond dissociation enthalpy of hypervalent iodine from SMILES. <i>Scientific Reports</i> , 2021, 11, 20207.	3.3	12
83	Synthesis of novel P-stereogenic phenylphosphonamides and their application to Lewis base-catalyzed asymmetric allylation of benzaldehyde. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 1844-1849.	1.8	11
84	Synthesis of 7-Membered Ring Carbocycles via a Palladium-Catalyzed Intramolecular Allylic Alkylation-Isomerization-Cope Rearrangement Cascade. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2836-2840.	2.4	10
85	Efficient Diastereoselective Synthesis of (2 <i>R</i> ,3 <i>R</i> ,4 <i>R</i> )-2-Amino-3-hydroxy-4,5-dimethylhexanoic Acid, the Lactone Linkage Unit of Homophymine A. <i>Chemical and Pharmaceutical Bulletin</i> , 2013, 61, 245-250.	1.3	9
86	Formal enantioselective synthesis of ( $\beta$ )-allosamizoline using chiral diamine-catalyzed asymmetric aziridination of cyclic enones. <i>Tetrahedron</i> , 2016, 72, 1991-1997.	1.9	9
87	Inhibition of DNA Methylation at the <i>MLH1</i> Promoter Region Using Pyrrole-Imidazole Polyamide. <i>ACS Omega</i> , 2016, 1, 1164-1172.	3.5	8
88	Catalytic asymmetric synthesis of $\beta$ -methyl-p-boronophenylalanine. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 1915-1918.	2.2	8
89	Urea Insertion Reaction of Rhodium-Carbenoid. <i>Chemical and Pharmaceutical Bulletin</i> , 2018, 66, 1041-1047.	1.3	8
90	A Direct S <sub>0</sub> $\rightarrow$ T <sub>n</sub> Transition in the Photoreaction of Heavy-Atom-Containing Molecules. <i>Angewandte Chemie</i> , 2020, 132, 6914-6919.	2.0	8

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91	Synthesis of 4,5-fused tricyclic quinolines via an acid-promoted intramolecular Friedel-Crafts alkylation of aniline derivatives. <i>Tetrahedron Letters</i> , 2014, 55, 6726-6728.	1.4	7
92	Diastereoselective Synthesis of Trisubstituted Cyclopropanes by Palladium-Catalyzed Intramolecular Allylic Alkylation of $\beta$ -Aryl Esters. <i>Synthesis</i> , 2015, 47, 3914-3924.	2.3	7
93	A visible-light activated secondary phosphine oxide ligand enabling Pd-catalyzed radical cross-couplings. <i>Nature Communications</i> , 2022, 13, .	12.8	7
94	Region-specific alteration of histone modification by LSD1 inhibitor conjugated with pyrrole-imidazole polyamide. <i>Oncotarget</i> , 2018, 9, 29316-29335.	1.8	6
95	Computation-guided asymmetric total syntheses of resveratrol dimers. <i>Nature Communications</i> , 2022, 13, 152.	12.8	6
96	Synthesis of Novel Bidentate P-Chiral Diaminophosphine Oxide Preligands: Application to Pd-Catalyzed Asymmetric Allylic Substitution Reactions. <i>Chemical and Pharmaceutical Bulletin</i> , 2011, 59, 412-415.	1.3	5
97	Diastereoselective synthesis of quinolizidin-4-one and indolizidin-3-one derivatives with a spirocyclic motif via cascade cyclization using a gold(I)/Brønsted acid relay catalysis. <i>Tetrahedron Letters</i> , 2015, 56, 6266-6268.	1.4	4
98	Synthesis of functionalized iodoalkenes using a multicomponent reaction triggered by electrophilic iodination of alkenyldiazoacetates. <i>Tetrahedron Letters</i> , 2018, 59, 1906-1908.	1.4	4
99	Rapid Synthesis of Functionalized Hydrocarbazolones via Indole C2-H Activation Using Enone Functionality as a Directing Group/Electrophilic Species. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 2189-2198.	4.3	4
100	Stereoselective construction of fused cyclopropane from ynamide and its application to synthesis of small drug candidate molecules. <i>Tetrahedron Letters</i> , 2021, 70, 152985.	1.4	4
101	Development of Transition Metal-Catalyzed Asymmetric Reactions Using Chiral Diaminophosphine Oxide Preligands and Their Applications. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2011, 69, 763-774.	0.1	4
102	Exploring New Reactivity of Metal Carbenoids and its Application to Organic Synthesis. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2019, 77, 49-57.	0.1	4
103	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. <i>Synthesis</i> , 2011, 2011, 2540-2548.	2.3	3
104	Total Synthesis of Fargesine Using a Platinum-Catalyzed Intramolecular Friedel-Crafts-Type C-H Coupling-Allylic Amination Cascade. <i>Heterocycles</i> , 2017, 95, 243.	0.7	3
105	Maleic Acid/Thiourea-Catalyzed Dearomative Friedel-Crafts Reaction of Indoles to Produce Functionalized Spiroindolenines. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 3999-4006.	2.4	3
106	Intramolecular Heck Insertion of a Diene-Allylic Amination Cascade to Synthesize a 2-Alkenyl-3,4-fused Indole Structure. <i>Heterocycles</i> , 2018, 97, 1175.	0.7	3
107	Computational Study on the Synergic Effect of Brønsted Acid and Hydrogen-Bonding Catalysis for the Dearomatization Reaction of Phenols with Diazo Functionality. <i>Chemical and Pharmaceutical Bulletin</i> , 2020, 68, 1104-1108.	1.3	3
108	Synthesis of pyrrole-imidazole polyamide oligomers based on a copper-catalyzed cross-coupling strategy. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 2197-2200.	2.2	2

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109	Acid-Promoted Cascade Cyclization to Produce 2-(4-Alkoxyaryl)-3,4-Fused Tricyclic Dihydrobenzopyrans via a Vinylidene Quinone Methide Intermediate. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1785-1788.	2.4	2
110	Computational studies of the mechanism of Pd-Catalyzed Intramolecular Friedel-Crafts allylic alkylation of phenols. <i>Tetrahedron</i> , 2020, 76, 131146.	1.9	2
111	Radical cascade cyclization for synthesizing 3,4-fused tricyclic benzofuran derivatives. <i>Tetrahedron Letters</i> , 2020, 61, 151754.	1.4	2
112	Py <sub>3</sub> -FITC: a new fluorescent probe for live cell imaging of collagen-rich tissues and ionocytes. <i>Open Biology</i> , 2021, 11, 200241.	3.6	2
113	Synthetic Studies on Didymeline Using Spirocyclization of Phenols with Diazo Functionality. <i>Heterocycles</i> , 2021, 103, 687.	0.7	1
114	Mechanistic Studies of the Pd- and Pt-Catalyzed Selective Cyclization of Propargyl/Allenyl Complexes. <i>Journal of Organic Chemistry</i> , 2021, 86, 9670-9681.	3.2	1
115	Synthesis of Visible-Light-Activated Hypervalent Iodine and Photo-oxidation under Visible Light Irradiation via a Direct S <sub>0</sub> T <sub>1</sub> Transition. <i>Chemical and Pharmaceutical Bulletin</i> , 2022, 70, 235-239.	1.3	1
116	Catalytic Asymmetric Epoxidation of $\hat{1},\hat{2}$ -Unsaturated Amides: Efficient Synthesis of $\hat{1},\hat{2}$ -Aryl $\hat{1},\hat{2}$ -Hydroxy Amides Using a One-Pot Tandem Catalytic Asymmetric Epoxidation-Pd-Catalyzed Epoxide Opening Process.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
117	Catalytic Asymmetric Synthesis of Both syn- and anti-3,5-Dihydroxy Esters: Application to 1,3-Polyol/ $\hat{1},\hat{2}$ -Pyrone Natural Product Synthesis.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
118	Catalytic Asymmetric Epoxidation of $\hat{1},\hat{2}$ -Unsaturated Carboxylic Acid Imidazolides and Amides by Lanthanoid-BINOL Complexes.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
119	Efficient Synthesis of Chiral $\hat{1},\hat{2}$ - and $\hat{1},\hat{2}$ -Hydroxy Amides: Application to the Synthesis of (R)-Fluoxetine.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
120	P-Chirogenic Diaminophosphine Oxide: A New Class of Chiral Phosphorus Ligands for Asymmetric Catalysis.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
121	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.. <i>ChemInform</i> , 2006, 37, no.	0.0	0
122	Pd-Catalyzed Asymmetric Allylic Amination Using Aspartic Acid Derived P-Chirogenic Diaminophosphine Oxides: DIAPHOXs.. <i>ChemInform</i> , 2006, 37, no.	0.0	0
123	Development of a Synthetic Process for K-8986, an H1-Receptor Antagonist. <i>Organic Process Research and Development</i> , 2019, 23, 470-476.	2.7	0
124	Synthesis of LSD1 Inhibitor-Pyrrole-Imidazole Polyamide Conjugates for Region-Specific Alterations of Histone Modification. <i>Heterocycles</i> , 2019, 99, 891.	0.7	0
125	Development of Selective Molecular Transformations Based on Unique Chemical Properties of Silver Catalyst: A Theoretical Analysis and Experimental Verification. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2022, 80, 440-450.	0.1	0