

Li-Biao Han

List of Publications by Year in descending order

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71102

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146
docs citations

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times ranked

3541
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct phosphorylation of benzylic C-H bonds under transition metal-free conditions forming sp ³ -C-P bonds. RSC Advances, 2022, 12, 18441-18444.	3.6	1
2	Phosphorylation of Carboxylic Acids and Their Derivatives with P(O)-H Compounds Forming P(O)-C Bonds. Synthesis, 2021, 53, 95-106.	2.3	11
3	Conversion of Î±-hydroxy(2,4,6-trimethylbenzyl)diphenylphosphine oxide to TPO: oxidation vs decomposition. Phosphorus, Sulfur and Silicon and the Related Elements, 2021, 196, 207-210.	1.6	2
4	Ready approach to poly(vinyldiphenylphosphine): A novel soluble polymer for conveniently conducting Wittig reactions. Tetrahedron Letters, 2021, 65, 152796.	1.4	2
5	Reductive conversion of phosphoryl P(O) compounds to trivalent organophosphines R ₃ P. Tetrahedron Letters, 2021, 67, 152870.	1.4	3
6	Selective P-C bond cleavage of tertiary phosphine boranes by sodium. Phosphorus, Sulfur and Silicon and the Related Elements, 2021, 196, 961-964.	1.6	4
7	Conversion of Aryl Aldehydes to Benzyl Iodides and Diarylmethanes by H ₃ PO ₃ /I ₂ . Journal of Organic Chemistry, 2021, 86, 3081-3088.	3.2	18
8	One-pot synthesis of binaphthyl-based phosphines via direct modification of BINAP. Tetrahedron Letters, 2021, 86, 153489.	1.4	1
9	Facial conversion of secondary phosphine oxides R ₁ R ₂ P(O)H to chlorophosphines R ₁ R ₂ PCl by acetyl chloride. Tetrahedron Letters, 2020, 61, 151556.	1.4	3
10	Three-Component Reaction of p-Quinone Monoacetals, Amines and Diarylphosphine Oxides to Afford Î±-(Phosphinyl)anilides. Advanced Synthesis and Catalysis, 2020, 362, 942-948.	4.3	12
11	Conversion of triphenylphosphine oxide to organophosphorus via selective cleavage of C-P, O-P, and C-H bonds with sodium. Communications Chemistry, 2020, 3, .	4.5	102
12	Palladium-Catalyzed Solvent-Free Preparation of Arylphosphonates ArP(O)(OAr) ₂ from (ArO) ₃ P via the Michaelis-Arbuzov Rearrangement. Organometallics, 2020, 39, 3613-3617.	2.3	4
13	Cross-Dehydrogenative Alkynylation: A Powerful Tool for the Synthesis of Internal Alkynes. ChemSusChem, 2020, 13, 4776-4794.	6.8	28
14	Love in the Time of COVID. Journal of Organic Chemistry, 2020, 85, 14273-14275.	3.2	1
15	Selective C-P(O) Bond Cleavage of Organophosphine Oxides by Sodium. Journal of Organic Chemistry, 2020, 85, 14166-14173.	3.2	9
16	Chlorosilane-Catalyzed Coupling of Hydrogen Phosphine Oxides with Acyl Chlorides Generating Acylphosphine Oxides. Organic Letters, 2020, 22, 4633-4637.	4.6	12
17	Three-Component Reactions of Î±-Amino Acids, p-Quinone Monoacetals, and Diarylphosphine Oxides to Selectively Afford 3-(Diarylphosphinyl)anilides and N-Aryl-2-diarylphosphinylpyrrolidines. Journal of Organic Chemistry, 2020, 85, 14753-14762.	3.2	14
18	Palladium-catalyzed asymmetric hydrophosphorylation of alkynes: facile access to <i>i</i> -P-stereogenic phosphinates. Chemical Science, 2020, 11, 7451-7455.	7.4	76

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19	Ready Approach to Organophosphines from ArCl via Selective Cleavage of C–P Bonds by Sodium. <i>Organometallics</i> , 2020, 39, 2682-2694.	2.3	34
20	Palladium-Catalyzed Direct Decarbonylative Phosphorylation of Benzoic Acids with P(O)–H Compounds. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1148-1153.	2.4	31
21	Wet and Dry Processes for the Selective Transformation of Phosponates to Phosphonic Acids Catalyzed by Brønsted Acids. <i>Journal of Organic Chemistry</i> , 2020, 85, 14411-14419.	3.2	13
22	Phosphonic acid mediated practical dehalogenation and benzylation with benzyl halides. <i>RSC Advances</i> , 2019, 9, 22343-22347.	3.6	11
23	Photoredox-catalyzed decarboxylative alkylation/cyclization of alkynylphosphine oxides: a metal- and oxidant-free method for accessing benzo[<i>b</i>]phosphole oxides. <i>Chemical Communications</i> , 2019, 55, 233-236.	4.1	40
24	Phosphonium Phenolate Zwitterion vs Phosphonium Ylide: Synthesis, Characterization and Reactivity Study of a Trimethylphosphonium Phenolate Zwitterion. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5715-5720.	4.3	20
25	Water determines the products: an unexpected Brønsted acid-catalyzed PO–R cleavage of P(–) esters selectively producing P(O)–H and P(O)–R compounds. <i>Green Chemistry</i> , 2019, 21, 2916-2922.	9.0	18
26	Ready access to organoiodides: Practical hydroiodination and double-iodination of carbon-carbon unsaturated bonds with I ₂ . <i>Tetrahedron</i> , 2019, 75, 3510-3515.	1.9	20
27	General Oxidative Aryl C–P Bond Formation through Palladium-Catalyzed Decarbonylative Coupling of Aroylhydrazides with P(O)H Compounds. <i>Organic Letters</i> , 2019, 21, 3198-3203.	4.6	27
28	Zinc-catalyzed regioselective C–P coupling of <i>p</i> -quinol ethers with secondary phosphine oxides to afford 2-phosphinylphenols. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2972-2984.	2.8	17
29	Oxidative Dephosphorylation of Benzylic Phosponates with Dioxxygen Generating Symmetrical <i>trans</i> -Stilbenes. <i>Journal of Organic Chemistry</i> , 2018, 83, 2959-2965.	3.2	17
30	Transition-Metal-Free C–P Bond Formation via Decarboxylative Phosphorylation of Cinnamic Acids with P(O)H Compounds. <i>Journal of Organic Chemistry</i> , 2018, 83, 4190-4196.	3.2	40
31	Efficient and selective hydrogenation of C=O bonds with a simple sodium formate catalyzed by nickel. <i>Chemical Communications</i> , 2018, 54, 1521-1524.	4.1	31
32	Hydrophosphorylation of Alkynes Catalyzed by Palladium: Generality and Mechanism. <i>Journal of the American Chemical Society</i> , 2018, 140, 3139-3155.	13.7	107
33	Copper-Catalyzed Dehydrative Cyclization of 1-(2-Hydroxyphenyl)propargyl Alcohols with P(O)H Compounds for the Synthesis of 2-Phosphorylmethylbenzofurans. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 334-345.	4.3	28
34	Ph ₃ P-mediated highly selective C(=)–P coupling of quinone monoacetals with R ₂ P(O)H: convenient and practical synthesis of <i>ortho</i> -phosphinyl phenols. <i>Green Chemistry</i> , 2018, 20, 5111-5116.	9.0	24
35	Oxidative addition of (RO)2P(O)H to Pt(0) complexes generating Pt–H complexes: P(O)–H bond cleavage vs P(O–H) bond cleavage. <i>Heteroatom Chemistry</i> , 2018, 29, e21460.	0.7	1
36	Catalytic sp ³ –C–CN Bond Cleavage: Ni-Mediated Phosphorylation of Alkyl nitriles. <i>Organic Letters</i> , 2018, 20, 6746-6749.	4.6	19

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37	Copper(II) Acetate-catalyzed Synthesis of Phosphorylated Pyridines via Denitrogenative C ^α -P Coupling between Pyridotriazoles and P(O)H Compounds. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4252-4258.	4.3	31
38	Alcohol-based Michaelis-Arbuzov reaction: an efficient and environmentally-benign method for C ^α -P(O) bond formation. <i>Green Chemistry</i> , 2018, 20, 3408-3413.	9.0	47
39	Direct C ^α -OH/P(O) ^α -H dehydration coupling forming phosphine oxides. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5090-5093.	2.8	12
40	Radical Hydrophosphorylation of Alkynes with R ₂ P(O)H Generating Alkenylphosphine Oxides: Scope and Limitations. <i>Journal of Organic Chemistry</i> , 2018, 83, 8743-8749.	3.2	26
41	Solvent-free Zn(OTf) ₂ -catalyzed dehydrative cross coupling of propargyl alcohols with diarylphosphine oxides to afford allenylphosphine oxides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018, 193, 691-696.	1.6	1
42	Transition-Metal-Catalyzed Three-Component Difunctionalizations of Alkenes. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2277-2291.	3.3	211
43	Air-induced double addition of P(O) ^α -H bonds to alkynes: a clean and practical method for the preparation of 1,2-bisphosphorylethanes. <i>Green Chemistry</i> , 2017, 19, 1502-1506.	9.0	32
44	Silver-Catalyzed Atom-Economic Hydrophosphorylation of Propargyl Epoxides: An Access to 4-Phosphoryl 2,3-Allenols and Stereodefined 1-Phosphoryl 1,3-Dienes. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3626-3637.	4.3	19
45	t-BuOK-mediated reductive addition of P(O) ^α -H compounds to terminal alkynes forming ^β -arylphosphine oxides. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 5462-5467.	2.8	17
46	The PMe ₃ -catalyzed addition of enantiomerically pure (S)-MenthylO(Ph)P(O)H to electron-deficient alkenes: an efficient way for the preparation of P-stereogenic compounds. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 84-89.	1.8	15
47	Me ₃ P-catalyzed addition of hydrogen phosphoryl compounds P(O)H to electron-deficient alkenes: 1 to 1 vs 1 to 2 adducts. <i>Tetrahedron</i> , 2017, 73, 7085-7093.	1.9	13
48	Cadmium(II) Chloride-catalyzed Dehydrative C ^α -P Coupling of Propargyl Alcohols with Diarylphosphine Oxides to Afford Allenylphosphine Oxides. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 4417-4426.	4.3	18
49	Reinvestigation of the Substitutions Reaction of Stereogenic Phosphoryl Compounds: Stereochemistry, Mechanism, and Applications. <i>Journal of Organic Chemistry</i> , 2017, 82, 11990-12002.	3.2	17
50	Silver-Free Direct Synthesis of Alkynylphosphine Oxides via C ^α -H/P(O) ^α -H Dehydrogenative Coupling Catalyzed by Palladium. <i>Organic Letters</i> , 2017, 19, 4692-4695.	4.6	28
51	Rhodium- and Iridium-catalyzed Asymmetric Addition of Optically Pure Chiral Phosphinates to Aldehydes Leading to Optically Active ^β -Hydroxyphosphinates. <i>Chemistry - A European Journal</i> , 2016, 22, 6213-6217.	3.3	9
52	Nickel-catalyzed ^β -benzylation of Arylacetonitriles via C ^α -O Activation. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 816-819.	4.3	20
53	Convenient synthesis of allenylphosphoryl compounds via Cu-catalysed couplings of P(O)H compounds with propargyl acetates. <i>Chemical Communications</i> , 2016, 52, 6451-6454.	4.1	43
54	Nickel-catalyzed ^β -benzylation of sulfones with esters via C ^α -O activation. <i>RSC Advances</i> , 2016, 6, 42656-42659.	3.6	8

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55	Nickel-Catalyzed Phosphorylation of Phenol Derivatives via C=O/H Cross-Coupling. <i>Journal of Organic Chemistry</i> , 2016, 81, 3911-3916.	3.2	64
56	Efficient Pd-Catalyzed Dehydrogenative Coupling of P(O)H with RSH: A Precise Construction of P(O)-S Bonds. <i>Journal of the American Chemical Society</i> , 2016, 138, 5825-5828.	13.7	130
57	Efficient nickel-catalyzed phosphinylation of C-S bonds forming C-P bonds. <i>Chemical Communications</i> , 2016, 52, 12233-12236.	4.1	74
58	Nickel-catalyzed phosphorylation of aryl triflates with P(O)H compounds. <i>Journal of Organometallic Chemistry</i> , 2016, 820, 120-124.	1.8	25
59	Iron-catalyzed clean dehydrogenative coupling of alcohols with P(O)-H compounds: a new protocol for ROH phosphorylation. <i>Dalton Transactions</i> , 2016, 45, 14893-14897.	3.3	45
60	Copper-Catalyzed Allenylation-Isomerization Sequence of Penta-1,4-diyne Acetates with P(O)H Compounds: Facile Synthesis of α -Phosphonyl 2,4-diyne. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3897-3906.	4.3	21
61	Cu-Catalyzed hydrophosphorylative ring opening of propargyl epoxides: highly selective access to 4-phosphoryl 2,3-allenols. <i>Chemical Communications</i> , 2016, 52, 11959-11962.	4.1	25
62	Stereospecific Preparations of <i>P</i> -Stereogenic Phosphonothioates and Phosphonoselenoates. <i>Journal of Organic Chemistry</i> , 2016, 81, 6843-6847.	3.2	34
63	An efficient base-catalyzed double addition of H-phosphine oxides to alkynes. <i>Tetrahedron Letters</i> , 2016, 57, 3382-3384.	1.4	32
64	Nickel-catalyzed synthesis of (E)-olefins from benzylic alcohol derivatives and arylacetonitriles via C=O activation. <i>Chemical Communications</i> , 2016, 52, 2157-2160.	4.1	15
65	Dehydrogenative coupling involving P(O)-H bonds: a powerful way for the preparation of phosphoryl compounds. <i>Dalton Transactions</i> , 2016, 45, 1843-1849.	3.3	71
66	Nickel-Catalyzed C ₂ O/C ₂ H Cross-Coupling Reactions for C-C Bond Formation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8600-8602.	13.8	27
67	Nickel-catalysed P-C bond formation via H/C=CN cross coupling reactions. <i>Chemical Communications</i> , 2015, 51, 7540-7542.	4.1	81
68	Optically Active H-Phosphinates and Their Stereospecific Transformations into Optically Active P-Stereogenic Organophosphoryl Compounds. <i>Synlett</i> , 2015, 26, 1153-1163.	1.8	59
69	Nickel-Catalyzed Direct H/C=O Cross Couplings Generating Fluorobenzenes and Heteroarenes. <i>Organic Letters</i> , 2015, 17, 812-815.	4.6	30
70	C-P Bond-Forming Reactions via C=O/H Cross-Coupling Catalyzed by Nickel. <i>Journal of the American Chemical Society</i> , 2015, 137, 1782-1785.	13.7	197
71	Palladium-catalyzed dehydrogenative coupling of terminal alkynes with secondary phosphine oxides. <i>Chemical Communications</i> , 2015, 51, 3549-3551.	4.1	43
72	A Convenient Stereoselective Reduction of Gem-Dibromides with a Combination of Dimethyl Phosphite and Potassium Carbonate. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015, 190, 1820-1827.	1.6	1

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73	Diastereoselective Hydrolysis of Asymmetric P(=O)Cl Species and Synthesis of Optically Pure (R)-Menthyl Phenylphosphinate. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2342-2345.	2.4	25
74	Mechanistic Studies on the Palladium-Catalyzed Cross Dehydrogenative Coupling of P(O)H Compounds with Terminal Alkynes: Stereochemistry and Reactive Intermediates. <i>Organometallics</i> , 2015, 34, 5095-5098.	2.3	34
75	A salt-free synthesis of 1,2-bisphosphorylethanes via an efficient PMe ₃ -catalyzed addition of >P(O)H to vinylphosphoryl compounds. <i>Tetrahedron Letters</i> , 2015, 56, 5303-5305.	1.4	21
76	Chloroform-based Atherton-Todd-type reactions of alcohols and thiols with secondary phosphine oxides generating phosphinothioates and phosphinates. <i>RSC Advances</i> , 2015, 5, 71544-71546.	3.6	50
77	Copper-mediated selective aerobic oxidative C3-cyanation of indoles with DMF. <i>Tetrahedron Letters</i> , 2015, 56, 5937-5940.	1.4	18
78	Catalyst-Free and Selective C-N Bond Functionalization: Stereospecific Three-Component Coupling of Amines, Dichloromethane, and >P(O)H Species Affording \pm -Aminophosphorus Compounds. <i>Journal of Organic Chemistry</i> , 2015, 80, 62-69.	3.2	17
79	Preparation of enantiomerically pure \pm -hydroxyl phosphinates via hydrophosphorylation of aldehydes with H-phosphinate. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 1520-1526.	1.8	6
80	Copper-Catalyzed Selective Semihydrogenation of Terminal Alkynes with Hypophosphorous Acid. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 765-769.	4.3	42
81	Stereoselective Synthesis of Phosphoryl-Substituted Phenols. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 781-794.	4.3	26
82	Efficient Asymmetric Hydrogenation of \pm -Acetamidocinnamates through a Simple, Readily Available Monodentate Chiral H-P Phosphinate. <i>Chemistry - A European Journal</i> , 2014, 20, 3631-3635.	3.3	27
83	Nickel-catalyzed (E)-selective semihydrogenation of internal alkynes with hypophosphorous acid. <i>Journal of Organometallic Chemistry</i> , 2014, 749, 51-54.	1.8	41
84	Facile Base-Mediated Redox Transformation: An Efficient Strategy for the Synthesis of \pm -Acyloxyphosphoryl Compounds. <i>Organic Letters</i> , 2014, 16, 6152-6155.	4.6	4
85	Addition of optically pure H-phosphinate to ketones: selectivity, stereochemistry and mechanism. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 9457-9465.	2.8	25
86	Stereogenic Phosphorus-Induced Diastereoselective Formation of Chiral Carbon during Nucleophilic Addition of Chiral H ₂ P Species to Aldehydes or Ketones. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1329-1333.	3.3	28
87	Synthesis and molecular structure of tetranuclear Cu ₄ P ₄ complexes with R ₂ P(=O)PR ₂ ligands. <i>Inorganica Chimica Acta</i> , 2014, 422, 36-39.	2.4	6
88	Direct Amidation of Carboxylic Acids with Tertiary Amines: Amide Formation over Copper Catalysts through C-N Bond Cleavage. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4244-4247.	2.4	26
89	Stereospecific Aerobic Oxidative Dehydrocoupling of P(O)H Bonds with Amines Catalyzed by Copper. <i>Bulletin of the Chemical Society of Japan</i> , 2014, 87, 400-402.	3.2	23
90	A Brønsted acid-catalyzed generation of palladium complexes: efficient head-to-tail dimerization of alkynes. <i>Chemical Communications</i> , 2013, 49, 7498.	4.1	51

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91	Systematic study for the stereochemistry of the Atherton-Todd reaction. <i>Tetrahedron</i> , 2013, 69, 9373-9380.	1.9	56
92	Selective Addition of P(O)-H Bonds to Alkynes Catalyzed by Transition Metals Immobilized on Polystyrene-bound Triphenylphosphine. <i>Chemistry Letters</i> , 2013, 42, 1065-1067.	1.3	19
93	Transition Metal-Catalyzed Efficient and Green Transformations of P(O)-H Compounds to Functional Organophosphorus Compounds. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013, 13, 824-835.	2.4	25
94	Highly Selective 1,4- and 1,6-Addition of P(O)-H Compounds to <i>p</i> - and <i>o</i> -Quinones: A Divergent Method for the Synthesis of <i>C</i> - and <i>O</i> -Phosphoryl Hydroquinone Derivatives. <i>Chemistry - A European Journal</i> , 2012, 18, 16902-16910.	3.3	31
95	Umpolung catalyzed by organophosphines: efficient $\hat{1}, \hat{1}^2$ -dimerization of vinylphosphonates affording linear dimers. <i>RSC Advances</i> , 2012, 2, 5935.	3.6	14
96	A new oxapalladacycle generated via ortho C-H activation of phenylphosphinic acid: an efficient catalyst for Markovnikov-type additions of E-H bonds to alkynes. <i>Chemical Communications</i> , 2011, 47, 2333-2335.	4.1	32
97	Facile Regio- and Stereoselective Hydrometalation of Alkynes with a Combination of Carboxylic Acids and Group 10 Transition Metal Complexes: Selective Hydrogenation of Alkynes with Formic Acid. <i>Journal of the American Chemical Society</i> , 2011, 133, 17037-17044.	13.7	218
98	Metal-catalyzed additions of H-P(O) bonds to carbon-carbon unsaturated bonds. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 130-140.	1.8	121
99	Highly Selective Markovnikov Addition of Hypervalent <i>H</i> -Spirophosphoranes to Alkynes Mediated by Palladium Acetate: Generality and Mechanism. <i>Bulletin of the Chemical Society of Japan</i> , 2010, 83, 1086-1099.	3.2	26
100	Selective P-H and P-O-H Bond Formations through Copper-Catalyzed Aerobic Oxidative Dehydrogenative Couplings of H-Phosphonates. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6852-6855.	13.8	73
101	Stereospecific Coupling of <i>H</i> -Phosphinates and Secondary Phosphine Oxides with Amines and Alcohols: A General Method for the Preparation of Optically Active Organophosphorus Acid Derivatives. <i>Journal of Organic Chemistry</i> , 2010, 75, 3890-3892.	3.2	121
102	Stereospecific Halogenation of P(O)-H Bonds with Copper(II) Chloride Affording Optically Active $Z_1Z_2P(O)Cl$. <i>Journal of Organic Chemistry</i> , 2010, 75, 7924-7927.	3.2	55
103	è;æ;é;â±žâ, -âCE-é«~é€%æ©æ€§è æ°çâCE-ââ°”. <i>Scientia Sinica Chimica</i> , 2010, 40, 802-826.	0.4	3
104	Copper-Catalyzed Aerobic Oxidative Coupling of Terminal Alkynes with <i>H</i> -Phosphonates Leading to Alkynylphosphonates. <i>Journal of the American Chemical Society</i> , 2009, 131, 7956-7957.	13.7	268
105	Stereospecific Nucleophilic Substitution of Optically Pure <i>H</i> -Phosphinates: A General Way for the Preparation of Chiral P-Stereogenic Phosphine Oxides. <i>Journal of the American Chemical Society</i> , 2008, 130, 12648-12655.	13.7	169
106	Palladium-Catalyzed Dehydrogenative Cis Double Phosphorylation of Alkynes with <i>H</i> -Phosphonate Leading to (<i>Z</i>)-Bisphosphoryl-1-alkenes. <i>Journal of the American Chemical Society</i> , 2008, 130, 2752-2753.	13.7	64
107	Air-Induced anti-Markovnikov Addition of Secondary Phosphine Oxides and H-Phosphinates to Alkenes. <i>Organic Letters</i> , 2007, 9, 53-55.	4.6	118
108	Palladium-Catalyzed Asymmetric Hydrophosphorylation of Norbornenes. <i>Organic Letters</i> , 2006, 8, 2099-2101.	4.6	85

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109	Selective Homo- and Heterodehydrocouplings of Phosphines Catalyzed by Rhodium Phosphido Complexes. <i>Journal of the American Chemical Society</i> , 2006, 128, 13698-13699.	13.7	74
110	Palladium-Catalyzed Insertion of Isocyanides into P(O)-H Bonds: Selective Formation of Phosphinoyl Imines and Bisphosphinoylaminomethanes. <i>Journal of the American Chemical Society</i> , 2006, 128, 7422-7423.	13.7	58
111	Epoxidation of phosphinoyl alkenes with hydrogen peroxide. <i>Tetrahedron Letters</i> , 2006, 47, 421-424.	1.4	14
112	Nickel-Catalyzed Addition of P(O)-H Bonds to Propargyl Alcohols: One-Pot Generation of Phosphinoyl 1,3-Butadienes. <i>ChemInform</i> , 2005, 36, no.	0.0	0
113	Regio- and stereoselective synthesis of poly(arylenevinylene phosphine oxide)s by the metal-catalyzed addition polymerization of bisphosphoroyl compounds with diynes. <i>Journal of Polymer Science Part A</i> , 2005, 43, 5328-5336.	2.3	12
114	Stereospecific Addition of H-P Bond to Alkenes: A Simple Method for the Preparation of (RP)-Phenylphosphinates. <i>Journal of Organic Chemistry</i> , 2005, 70, 10121-10123.	3.2	119
115	Nickel-Catalyzed Addition of P(O)-H Bonds to Propargyl Alcohols: One-Pot Generation of Phosphinoyl 1,3-Butadienes. <i>Organic Letters</i> , 2005, 7, 2909-2911.	4.6	57
116	Efficient and Selective Nickel-Catalyzed Addition of H-P(O) and H-S Bonds to Alkynes. <i>ChemInform</i> , 2004, 35, no.	0.0	0
117	Efficient and Selective Nickel-Catalyzed Addition of H-P(O) and H-S Bonds to Alkynes. <i>Journal of the American Chemical Society</i> , 2004, 126, 5080-5081.	13.7	220
118	Retention of Configuration on the Oxidative Addition of P-H Bond to Platinum (0) Complexes: The First Straightforward Synthesis of Enantiomerically Pure P-Chiral Alkenylphosphinates via Palladium-Catalyzed Stereospecific Hydrophosphinylation of Alkynes. <i>Journal of the American Chemical Society</i> , 2002, 124, 3842-3843.	13.7	120
119	Rhodium-Catalyzed Regio- and Stereoselective Addition of Diphenylphosphine Oxide to Alkynes. <i>Journal of Organic Chemistry</i> , 2001, 66, 5929-5932.	3.2	108
120	Rhodium-Catalyzed Hydrophosphorylation of Terminal Alkynes Leading to Highly Selective Formation of (E)-Alkenylphosphonates: Complete Reversal of Regioselectivity to the Palladium-Catalyzed Counterpart. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1929-1932.	13.8	109
121	High Reactivity of a Five-Membered Cyclic Hydrogen Phosphonate Leading to Development of Facile Palladium-Catalyzed Hydrophosphorylation of Alkenes. <i>Journal of the American Chemical Society</i> , 2000, 122, 5407-5408.	13.7	117
122	Transition metal-catalysed addition reactions of H-heteroatom and inter-heteroatom bonds to carbon-carbon unsaturated linkages via oxidative additions. <i>Chemical Communications</i> , 1999, , 395-402.	4.1	211
123	Phosphinic Acid Induced Reversal of Regioselectivity in Pd-Catalyzed Hydrophosphinylation of Alkynes with Ph ₂ P(O)H. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 94-96.	13.8	94
124	Palladium-Catalyzed Hydrophosphorylation of Alkynes via Oxidative Addition of HP(O)(OR) ₂ . <i>Journal of the American Chemical Society</i> , 1996, 118, 1571-1572.	13.7	244
125	Oxidative Addition of HP(O)Ph ₂ to Platinum(0) and Palladium(0) Complexes and Palladium-Catalyzed Regio- and Stereoselective Hydrophosphinylation of Alkynes. <i>Organometallics</i> , 1996, 15, 3259-3261.	2.3	144