

Pak-Hing Leung

List of Publications by Year in descending order

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5,364
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81743

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215
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215
times ranked

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#	ARTICLE	IF	CITATIONS
1	Net atomic charges and molecular dipole moments from spherical-atom X-ray refinements, and the relation between atomic charge and shape. <i>The Acta Crystallographica Section A, Crystal Physics, Diffractionoretical and General Crystallography</i> , 1979, 35, 63-72.	0.6	322
2	Asymmetric Synthesis and Organometallic Chemistry of Functionalized Phosphines Containing Stereogenic Phosphorus Centers. <i>Accounts of Chemical Research</i> , 2004, 37, 169-177.	7.6	139
3	Palladium(ii)-catalyzed asymmetric hydrophosphination of enones: efficient access to chiral tertiary phosphines. <i>Chemical Communications</i> , 2010, 46, 6950.	2.2	128
4	Asymmetric Synthesis of <i>P</i> -Stereogenic Diarylphosphinites by Palladium-Catalyzed Enantioselective Addition of Diarylphosphines to Benzoquinones. <i>Journal of the American Chemical Society</i> , 2014, 136, 4865-4868.	6.6	119
5	Direct Synthesis of Chiral Tertiary Diphosphines <i>via</i> Pd(II)-Catalyzed Asymmetric Hydrophosphination of Dienones. <i>Organic Letters</i> , 2011, 13, 5862-5865.	2.4	116
6	Palladacycle-Catalyzed Asymmetric Hydrophosphination of Enones for Synthesis of C*- and P*-Chiral Tertiary Phosphines. <i>Inorganic Chemistry</i> , 2012, 51, 2533-2540.	1.9	98
7	Versatile chiral palladium(II) complexes for enantiomeric purities of 1,2-diamines. <i>Tetrahedron: Asymmetry</i> , 1992, 3, 529-532.	1.8	87
8	Optical resolutions and chelating properties of (.+.)-[2-(methylsulfinyl)ethyl]diphenylarsine and its phosphorus analog. <i>Inorganic Chemistry</i> , 1993, 32, 4812-4818.	1.9	80
9	Asymmetric Synthesis of Enaminophosphines via Palladacycle-Catalyzed Addition of Ph ₂ PH to β,δ^2 -Unsaturated Imines. <i>Journal of Organic Chemistry</i> , 2012, 77, 6849-6854.	1.7	71
10	Palladacycle-Catalyzed Asymmetric Intermolecular Construction of Chiral Tertiary P-Heterocycles by Stepwise Addition of H ⁺ -P ⁻ H Bonds to Bis(enones). <i>Organometallics</i> , 2012, 31, 4871-4875.	1.1	67
11	NMR assignment of absolute configuration of a P-chiral diphosphine and mechanics of its stereoselective formation. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 1753-1762.	1.8	63
12	Chiral Phosphapalladacycles as Efficient Catalysts for the Asymmetric Hydrophosphination of Substituted Methylidenemalonate Esters: Direct Access to Functionalized Tertiary Chiral Phosphines. <i>Organometallics</i> , 2012, 31, 3022-3026.	1.1	63
13	Resolutions involving metal complexation. Optical resolution and photochemical rearrangement of (.+.)-(2-mercaptoethyl)methylphenylphosphine. <i>Inorganic Chemistry</i> , 1992, 31, 1406-1410.	1.9	62
14	Stereochemical Investigation of Bis(bidentate)-Palladium(II) Complexes. Transmission of Ring Chiralities between Chelating Amine Ligands via Their Prochiral N-Methyl Substituents. <i>Inorganic Chemistry</i> , 1994, 33, 3096-3103.	1.9	56
15	Asymmetric Synthesis of P-Chiral Diphosphines. Steric Effects on the Palladium-Complex-Promoted Asymmetric Diels-Alder Reaction between a Dimethylphenylphosphole and (E/Z)-Methyl-Substituted Diphenylvinylphosphines. <i>Inorganic Chemistry</i> , 1997, 36, 2138-2146.	1.9	56
16	Chiral Metal Complex-Promoted Asymmetric Hydrophosphinations. <i>Topics in Organometallic Chemistry</i> , 2011, , 145-166.	0.7	55
17	Enantioselective Addition of Diphenylphosphine to 3-Methyl-4-Nitro-5-Alkenylisoxazoles. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1403-1408.	2.1	55
18	Optically active arsenic macrocycles. Stereospecific syntheses of enantiomers and diastereomers of 14-membered trans-As ₂ S ₂ chelating macrocycles containing resolved asymmetric tertiary arsine donors. <i>Journal of the American Chemical Society</i> , 1987, 109, 4321-4328.	6.6	54

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19	Stereochemical investigations of coordinated sulfur stereocenters. X-ray structures of diastereomers of (-)-589-[Pd{(R)-CH ₃ CH(1-C ₁₀ H ₆)NMe ₂ -C ₂ N}(R/S)-[Ph ₂ PCH ₂ SM _e -P,S]}PF ₆ . <i>Inorganic Chemistry</i> , 1992, 31, 1494-1500.	1.9	54
20	Facile interconversions between diastereomers of chloro-bridged palladium(II) dimers of orthometallated (A±)-dimethyl[1-(1-naphthyl)ethyl]amine. <i>Tetrahedron</i> , 1997, 53, 4083-4094.	1.0	54
21	Metal Template Promoted Hydroamination of Ethynylphosphines and Aniline. <i>Asymmetric Synthesis, Coordination Chemistry, and the Imine~Enamine Tautomerism of P-Chiral Iminophosphines</i> . <i>Organometallics</i> , 2001, 20, 3918-3926.	1.1	54
22	Asymmetric 1,4-Conjugate Addition of Diarylphosphines to $\hat{I}\pm, \hat{I}^2, \hat{I}^3, \hat{I}'$ -Unsaturated Ketones Catalyzed by Transition-Metal Pincer Complexes. <i>Organometallics</i> , 2015, 34, 5196-5201.	1.1	51
23	Palladium catalyzed asymmetric hydrophosphination of $\hat{I}\pm, \hat{I}^2$ - and $\hat{I}\pm, \hat{I}^2, \hat{I}^3, \hat{I}'$ -unsaturated malonate esters $\hat{a}\hat{e}^{\hat{c}}$ efficient control of reactivity, stereo- and regio-selectivity. <i>Dalton Transactions</i> , 2015, 44, 1258-1263.	1.6	49
24	Our Odyssey with Functionalized Chiral Phosphines: From Optical Resolution to Asymmetric Synthesis to Catalysis. <i>Chemical Record</i> , 2016, 16, 141-158.	2.9	49
25	Catalyst-free and Solvent-free Cyanosilylation and Knoevenagel Condensation of Aldehydes. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 1718-1722.	3.2	49
26	Designer cyclopalladated-amine catalysts for the asymmetric Claisen rearrangement. <i>Chemical Communications</i> , 1999, , 2435-2436.	2.2	48
27	Optical Resolution and the Study of Ligand Effects on the Ortho-Metalation Reaction of Resolved (A±)-Diphenyl[1-(1-naphthyl)ethyl]phosphine and Its Arsenic Analogue. <i>Inorganic Chemistry</i> , 2003, 42, 7674-7682.	1.9	47
28	Enantioselective phospho-Michael addition of diarylphosphines to \hat{I}^2, \hat{I}^3 -unsaturated $\hat{I}\pm$ -ketoesters and amides. <i>Chemical Communications</i> , 2014, 50, 8768-8770.	2.2	46
29	Chiral Palladium Template Promoted Asymmetric Hydrophosphination Reaction between Diphenylphosphine and Vinylphosphines. <i>Inorganic Chemistry</i> , 2004, 43, 8102-8109.	1.9	44
30	[Pt ₂ (μ -S) ₂ (PPh ₃) ₄] as a Metalloligand toward Main-Group Lewis Acids. The First Square-Pyramidal Structure of an Indium(III) Complex Adduct in (PPh ₃) ₄ Pt ₂ (μ -3-S) ₂ InCl ₃ and Tetrahedral Gallium(III) in the Ion Pair [(PPh ₃) ₄ Pt ₂ (μ -3-S) ₂ GaCl ₂][GaCl ₄]. <i>Inorganic Chemistry</i> , 1994, 33, 1572-1574.	1.9	43
31	Isolation and structural characterisation of a reactive chiral palladium(II) complex containing a ClO ₄ ligand. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 45-48.	1.8	43
32	Optical Resolution, Configurational Stability, and Coordination Chemistry of the P-Chiral Heterocyclic Diphosphine 1,1- $\hat{a}\hat{e}$ -Diphenyl-3,3- $\hat{a}\hat{e}$, 4,4- $\hat{a}\hat{e}$ -tetramethyl- 2,2- $\hat{a}\hat{e}$ -diphosphole-3,3- $\hat{a}\hat{e}$ -diene. <i>Organometallics</i> , 1999, 18, 4027-4031.		43
33	[Pt ₂ (dppf) ₂ (μ -S) ₂] as a Heterometallic Ligand. Simple Assembly of an Electroactive Interpolymetallic Complex [Pt ₂ Tl(dppf) ₂ (μ -3-S) ₂]X (X = NO ₃ , PF ₆) (dppf = 1,1'-bis(diphenylphosphino)ferrocene). <i>Inorganic Chemistry</i> , 1995, 34, 6425-6429.	1.9	42
34	A Novel Approach toward Asymmetric Synthesis of Alcohol Functionalized C-Chiral Diphosphines via Two-Stage Hydrophosphination of Terminal Alkynols. <i>Inorganic Chemistry</i> , 2006, 45, 7455-7463.	1.9	42
35	Asymmetric synthesis of dimethyl-1,2-bis-(diphenylphosphino)-1,2-ethanedicarboxylate by means of a chiral palladium template promoted hydrophosphination reaction. <i>Tetrahedron Letters</i> , 2007, 48, 33-35.	0.7	42
36	Catalyst-free and solvent-free hydroboration of ketones. <i>New Journal of Chemistry</i> , 2019, 43, 10744-10749.	1.4	42

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37	A simple route to a novel enantiomerically pure P-chiral phosphine ligand containing a tertiary amide functional group. <i>Chemical Communications</i> , 1996, , 591.	2.2	41
38	Palladium-Complex-Promoted Asymmetric Synthesis of Stereoisomeric P-Chiral Pyridylphosphines via an Unusual Exo-Endo Stereochemically Controlled Asymmetric Diels-Alder Reaction between 2-Vinylpyridine and Coordinated 3,4-Dimethyl-1-phenylphosphole. <i>Organometallics</i> , 1998, 17, 3931-3936.	1.1	41
39	A Rational Approach to the Design and Synthesis of Chiral Organopalladium-Amine Complexes. <i>Inorganic Chemistry</i> , 2003, 42, 3229-3236.	1.9	41
40	A Novel Asymmetric Hydroarsination Reaction Promoted by a Chiral Organopalladium Complex. <i>Inorganic Chemistry</i> , 2007, 46, 4733-4736.	1.9	40
41	Highly Enantioselective Synthesis of (2-Pyridyl)phosphine Based C-Chiral Unsymmetrical P,N-Ligands Using a Chiral Palladium Complex. <i>Organometallics</i> , 2009, 28, 3941-3946.	1.1	40
42	Versatile Syntheses of Optically Pure PCE Pincer Ligands: Facile Modifications of the Pendant Arms and Ligand Backbones. <i>Organometallics</i> , 2015, 34, 1582-1588.	1.1	39
43	The synthesis and efficient one-pot catalytic self-breeding of asymmetrical NC(sp ³)E-hybridised pincer complexes. <i>Chemical Communications</i> , 2016, 52, 4211-4214.	2.2	38
44	Asymmetric Synthesis of a (P-Chiral) As ³⁺ P Bidentate Ligand via an Organopalladium Complex Promoted Asymmetric Diels-Alder Reaction between Ph ₂ AsCHCH ₂ and 1-Phenyl-3,4-dimethylphosphole. <i>Organometallics</i> , 1996, 15, 3640-3643.	1.1	37
45	Di-μ-sulfidotetrakis(triphenylphosphine)diplatinum as a metalloligand towards main-group Lewis acids. Crystal structures of two complex adducts of lead nitrate, [(PPh ₃) ₄ Pt ₂ (μ ₃ -S) ₂ Pb(NO ₃) ₂] and [(PPh ₃) ₄ Pt ₂ (μ ₃ -S) ₂ Pb(NO ₃)]PF ₆ . <i>Inorganic Chemistry</i> , 1993, 32, 4660-4662.	1.9	36
46	Di-μ-sulfidotetrakis(triphenylphosphine) as a metalloligand toward main-group Lewis acids. A "Mexican-hat-like" structure for [Pt ₂ Tl(μ ₃ -S) ₂ (PPh ₃) ₄]X (X = NO ₃ , PF ₆) with a two-coordinate angular thallium(I). <i>Inorganic Chemistry</i> , 1993, 32, 1875-1876.	1.9	36
47	Synthesis and the Stereoelectronic Properties of Novel Cyclopalladated Complexes Derived from Enantiomerically Pure (R/S)-N,N-Dimethyl-1-(9-phenanthryl)ethylamine. <i>Organometallics</i> , 2003, 22, 834-842.	1.1	36
48	A simple route to an enantiomerically pure diphosphine ligand containing a phosphorus stereogenic centre. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 1167-1170.	1.8	35
49	Metal Template Synthesis and Coordination Chemistry of Functionalized P-Chiral Phosphanorbornenes. <i>Tetrahedron</i> , 2000, 56, 7-15.	1.0	35
50	Pd-Catalyzed Enantiodivergent and Regiospecific Phospho-Michael Addition of Diphenylphosphine to 4-oxo-α-enamides: Efficient Access to Chiral Phosphinocarboxamides and Their Analogues. <i>Chemistry - A European Journal</i> , 2015, 21, 4800-4804.	1.7	35
51	C-S Bond Cleavage and C-C Coupling in Cyclopentadienylchromium Complexes To Give the First Dithioamide-Bridged and Doubly Dithiocarbamate-Bridged Double Cubanes: [Cp ₆ Cr ₈ S ₈ {(C(S)NEt ₂) ₂ }] and [Cp ₆ Cr ₈ S ₈ (S ₂ CNEt ₂) ₂]. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3236-3239.	7.2	34
52	Novel Stereochemistry, Reactivity, and Stability of an Arsenic Heterocycle in a Metal-Promoted Asymmetric Cycloaddition Reaction. <i>Inorganic Chemistry</i> , 2007, 46, 9488-9494.	1.9	34
53	Palladacycle-Catalyzed Tandem Allylic Amination/Allylation Protocol for One-Pot Synthesis of 2-Allylanilines from Allylic Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 83-87.	2.1	34
54	Asymmetric Synthesis of Diphosphine Ligands Containing Phosphorus and Carbon Stereogenic Centers by Means of a Chiral Palladium Complex Promoted Hydrophosphination Reaction. <i>Inorganic Chemistry</i> , 2009, 48, 5535-5539.	1.9	33

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55	Resolutions involving metal complexation. Synthesis and resolution of (.+.)-(2-mercaptoethyl)methylphenylarsine. Crystal and molecular structure of (-)-589-bis[(R)-[1-(dimethylamino)ethyl]naphthyl-C2,N]chloro[.mu.-(S)-(2-mercaptoethyl)methylphenylarsine]dipalladium.cntdot.0.67doi.org/10.1002/anie.201801000. <i>Inorganic Chemistry</i> , 1986, 25, 3392-3395.	1.9	31
56	Synthetic and Structural Study of Cyclopentadienylchromium Dithiocarbamate Complexes and Their Thermolytic Derivatives. <i>Organometallics</i> , 2002, 21, 4398-4407.	1.1	30
57	Chiral Metal Template Promoted Asymmetric Pyrrole Diels-Alder Reaction between N-(Diphenylphosphino)pyrrole and Diphenylvinylphosphine. <i>Organometallics</i> , 2004, 23, 3474-3482.	1.1	30
58	Asymmetric synthesis of keto-substituted P-chiral phosphines by means of an unusual exo/endo-stereochemically controlled Diels-Alder reaction. <i>Chemical Communications</i> , 1997, , 1987.	2.2	29
59	Asymmetric Synthesis of Functionalized 1,2-Diphosphine via the Chemoselective Hydrophosphination of Coordinated Allylic Phosphines. <i>Organometallics</i> , 2009, 28, 780-786.	1.1	29
60	Asymmetric Synthesis of New Diphosphines and Pyridylphosphines via a Kinetic Resolution Process Promoted and Controlled by a Chiral Palladacycle. <i>Organometallics</i> , 2010, 29, 3374-3386.	1.1	29
61	Diastereomerism in square-planar complexes of bivalent nickel, palladium, and platinum containing chiral 2-mercaptoethyl-substituted tertiary arsines and phosphines. <i>Inorganic Chemistry</i> , 1986, 25, 3396-3400.	1.9	28
62	A Simple and Efficient Approach to a Rigid Diphosphine Ligand Containing Two Phosphorus and Three Carbon Stereogenic Centers by Means of a Palladium Complex Promoted Asymmetric Diels-Alder Reaction. <i>Inorganic Chemistry</i> , 1996, 35, 4798-4800.	1.9	28
63	Cyclopalladation of the Prochiral (Di-tert-butyl)(diphenylmethyl)phosphine: Kinetic Lability of the Corresponding (+)-Phosphapalladacyclic Pd-C Bond and the Reluctance of the Phosphine to Bind in a Monodentate Fashion. <i>Inorganic Chemistry</i> , 2007, 46, 5100-5109.	1.9	28
64	N-Heterocyclic Carbene C,S Palladium(II) -Allyl Complexes: Synthesis, Characterization, and Catalytic Application In Allylic Amination Reactions. <i>Organometallics</i> , 2013, 32, 2389-2397.	1.1	28
65	Desymmetrization of Achiral Heterobicyclic Alkenes through Catalytic Asymmetric Hydrophosphination. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2829-2833.	1.7	28
66	Asymmetric synthesis of a rigid diphosphine ligand containing two phosphorus and four carbon stereogenic centres by means of a chiral palladium complex promoted Diels-Alder reaction. <i>Chemical Communications</i> , 1997, , 751-752.	2.2	27
67	A versatile and efficient approach to enantiomerically pure monodentate and bidentate P-chiral phosphines. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 1309-1314.	1.8	27
68	Molecular Recognition in a Palladium Complex Promoted Asymmetric Synthesis of a P-Chiral Heterodifunctionalized Bidentate Phosphine Ligand. <i>Organometallics</i> , 1999, 18, 650-655.	1.1	27
69	Coordination chemistry, reactivities, and stereoelectronic properties of chelating phosphine ligands containing thioamide substituents. <i>Dalton Transactions RSC</i> , 2001, , 309-314.	2.3	27
70	Asymmetric Synthesis and Coordination Chemistry of Bidentate P-Stereogenic Phosphines Containing Ester and Thionoester Functionalities. <i>Organometallics</i> , 2003, 22, 3944-3950.	1.1	27
71	Palladacycle Catalyzed Asymmetric P-H Addition of Diarylphosphines to α,β -Unsaturated N-Phthalimides. <i>Chemistry - A European Journal</i> , 2014, 20, 14514-14517.	1.7	27
72	Stereoelectronic effects on the chelating properties of [2-(methylsulfinyl)ethyl]diphenylarsine and its phosphorus analogue.. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 1805-1814.	1.8	26

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73	Asymmetric syntheses, structures and co-ordination chemistry of palladium(II) complexes containing a chiral P,S hybrid bidentate ligand. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 4443.	1.1	26
74	Asymmetric syntheses, structures and reactions of palladium(II) complexes containing thiolato- and sulfinyl-substituted P chiral phosphines. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 893-900.	1.1	26
75	Metal Template Effects on the Asymmetric Cycloaddition Reaction between Diphenylvinylphosphine and 2-Diphenylphosphinofuran. <i>Organometallics</i> , 2001, 20, 2167-2174.	1.1	26
76	Asymmetric Synthesis of Functionalized 1,3-Diphosphines via Chiral Palladium Complex Promoted Hydrophosphination of Activated Olefins. <i>Inorganic Chemistry</i> , 2010, 49, 989-996.	1.9	26
77	Palladium Template Promoted Asymmetric Synthesis of 1,2-Diphosphines by Hydrophosphination of Functionalized Allenes. <i>Organometallics</i> , 2010, 29, 536-542.	1.1	26
78	Metal Effects on the Asymmetric Cycloaddition Reaction between 3,4-Dimethyl-1-phenylarsole and Diphenylvinylphosphine Oxide. <i>Organometallics</i> , 2009, 28, 4886-4889.	1.1	25
79	Mechanistic insights into the role of PC- and PCP-type palladium catalysts in asymmetric hydrophosphination of activated alkenes incorporating potential coordinating heteroatoms. <i>Dalton Transactions</i> , 2016, 45, 13449-13455.	1.6	25
80	Palladium-complex-promoted asymmetric Diels-Alder reaction: stereoselective synthesis of a new sulfinyl-substituted phosphine ligand containing three carbon, one phosphorus and one sulfur stereogenic centres. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1747-1748.	2.0	24
81	Chemistry of cyclopentadienyl tricarbonylchromium dimer. Cleavage of bis(thiophosphinyl)disulfanes and bis(thiophosphoryl)disulfanes. Syntheses of CpCr(CO) ₂ (S ₂ PPh ₂) and CpCr(S ₂ PPh ₂) ₂ . X-ray crystal structure of CpCr(S ₂ PPh ₂) ₂ . <i>Journal of Organometallic Chemistry</i> , 2000, 607, 64-71.	0.8	24
82	Chiral cyclopalladated complex promoted asymmetric synthesis of diester-substituted P,N-ligands via stepwise hydrophosphination and hydroamination reactions. <i>Dalton Transactions</i> , 2012, 41, 5391.	1.6	24
83	Catalytic Asymmetric Diarylphosphine Addition to α -Diazoesters for the Synthesis of P-Stereogenic Phosphinates via P-C-N Bond Formation. <i>Journal of Organic Chemistry</i> , 2020, 85, 14763-14771.	1.7	24
84	Optical resolution and the stereoelectronic properties of chelating (A \pm)-[(methylsulfinyl)methyl]diphenylphosphine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 1639-1644.	1.1	23
85	Formation of Imino-Phosphine Bidentate Chelates by an Unprecedented Organopalladium Complex Promoted Oxidative Coupling Reaction between Diphenylvinylphosphine and Imines. <i>Organometallics</i> , 2000, 19, 3722-3729.	1.1	23
86	Chiral Metal Template Induced Asymmetric Synthesis of a Mixed Phosphine-Phosphine Oxide Ligand. <i>Organometallics</i> , 2005, 24, 5581-5585.	1.1	23
87	Synthesis and structure of a biphenanthrol-palladium complex displaying an unusual bonding mode. <i>Organometallics</i> , 1990, 9, 2406-2408.	1.1	22
88	Metal-template synthesis and co-ordination properties of a palladium complex containing a novel and stable imidazole-substituted phosphine-C-P bidentate chelate. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 2109-2110.	1.1	22
89	Enantioselective Diels-Alder Reaction of 3-Diphenylphosphinofuran with 1-Phenyl-3,4-dimethylphosphole and Subsequent Synthetic Manipulations of the Cycloadduct. <i>Organometallics</i> , 2009, 28, 6254-6259.	1.1	22
90	Steric effects on the control of endo/exo-selectivity in the asymmetric cycloaddition reaction of 3,4-dimethyl-1-phenylarsole. <i>Dalton Transactions</i> , 2010, 39, 5453.	1.6	22

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91	Stereoelectronic and Catalytic Properties of Chiral Cyclometalated Phospha-palladium and -platinum Complexes. <i>Organometallics</i> , 2014, 33, 6053-6058.	1.1	22
92	Palladium(II) and platinum(II) complexes with a novel $\text{P}=\text{S}(\text{O})=\text{P}$ tridentate ligand. <i>Polyhedron</i> , 1994, 13, 3253-3255.	1.0	21
93	Molecular recognition in the palladium complex promoted asymmetric synthesis of a keto-ester heterofunctionalized P-chiral phosphine. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 2961-2964.	1.8	21
94	Synthesis and anti-cancer activities of a pair of enantiomeric gold(I) complexes containing sulfanyl-substituted P-stereogenic phosphines. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 1433-1436.	1.8	21
95	Organopalladium Complex Promoted Asymmetric Hetero Diels-Alder Reactions between a Thiocarbonyl Dienophile and a Phospha-Substituted Cyclic Diene. <i>Organometallics</i> , 2002, 21, 171-174.	1.1	21
96	Base controlled (1,1)- and (1,2)-hydrophosphination of functionalized alkynes. <i>Tetrahedron Letters</i> , 2008, 49, 1762-1767.	0.7	21
97	Metal ion effects on the asymmetric dimerization of 1-phenyl-3,4-dimethylphosphole. <i>Chemical Communications</i> , 2000, , 167-168.	2.2	20
98	In vitro cytotoxic properties of gold(I) and platinum(II) compounds containing asymmetric [2-(methylsulfanyl) ethyl]diphenylarsine and its phosphorus analogue.. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 49-56.	1.8	19
99	A Palladium Complex Promoted Asymmetric Synthesis of a Novel P-Chiral Diphosphine Containing an Ester Functional Group. <i>Inorganic Chemistry</i> , 1998, 37, 6399-6401.	1.9	19
100	Palladium(II) ion promoted hydroamination of di(phenylethynyl)phenylphosphine and aniline: a facile synthesis of a six-membered $\text{P}=\text{N}$ heterocycle. <i>Journal of Organometallic Chemistry</i> , 2002, 643-644, 4-11.	0.8	19
101	Synthesis of P-chiral phosphines via chiral metal template promoted asymmetric furan Diels-Alder reaction. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 2539-2547.	0.8	19
102	Asymmetric synthesis of a chiral hetero-bidentate $\text{As}=\text{P}$ ligand containing both As and P-stereogenic centres. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3289-3294.	0.8	19
103	Asymmetric synthesis of 1,2-bis(diphenylphosphino)-1-phenylethane via a chiral palladium template promoted hydrophosphination reaction. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3500-3505.	0.8	19
104	Novel Synthesis of Chiral 1,3-Diphosphines via Palladium Template Promoted Hydrophosphination and Functional Group Transformation Reactions. <i>Organometallics</i> , 2010, 29, 3582-3588.	1.1	19
105	Asymmetric Catalytic 1,2-Dihydrophosphination of Secondary 1,2-Diphosphines $\text{As}=\text{P}$ Direct Access to Free $\text{P}=\text{P}$ and $\text{P}=\text{C}=\text{P}$ Diphosphines. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2373-2378.	2.1	19
106	Resolution and enantiomeric purities of [2-(methylsulfanyl)ethyl]amine. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 1883-1886.	1.8	18
107	$[\text{Pt}_2(\text{PPh}_3)_4(\text{I}^{-1/4}\text{-S})_2]$ as a metalloligand towards main-group lewis acids. Evidence of a sulfide-linked $\{\text{BiPt}_4\}$ aggregate by 1/2 addition on BiCl_3 . <i>Polyhedron</i> , 1996, 15, 1737-1741.	1.0	18
108	Synthesis and absolute stereochemistry of an organo-palladium complex containing a P-chiral diphosphine ligand. <i>Journal of Organometallic Chemistry</i> , 1997, 542, 61-65.	0.8	18

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109	Design, Synthesis, and Stereochemical Evaluation of a Novel Chiral Amine-Palladacycle. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1880-1891.	1.0	18
110	An Approach to the Efficient Syntheses of Chiral Phosphino-Carboxylic Acid Esters. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3297-3302.	2.1	18
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