

Sumod A Pullarkat

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Alkali Additives Enable Efficient Large Area (>55 cm ²) Slot-Die Coated Perovskite Solar Modules. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	39
2	Access to <i>C</i> -Stereogenic PN(<i>sp</i>) ² P Pincer Ligands via Phosphapalladacycle Catalyzed Asymmetric Hydrophosphination. <i>Organometallics</i> , 2021, 40, 682-692.	1.1	7
3	Access to a Chiral Phosphine-NHC Palladium(II) Complex via the Asymmetric Hydrophosphination of Achiral Vinyl Azoles. <i>Organometallics</i> , 2021, 40, 2118-2122.	1.1	10
4	Inducing thermoreversible optical transitions in urethane-acrylate systems via ionic liquid incorporation for stretchable smart devices. <i>Journal of Materials Chemistry A</i> , 2021, 9, 13615-13624.	5.2	11
5	Catalytic Asymmetric Hydrophosphination as a Valuable Tool to Access Dihydrophosphinated Curcumin and Its Derivatives. <i>Organometallics</i> , 2021, 40, 3454-3461.	1.1	4
6	Chelating Phosphine-N-Heterocyclic Carbene Platinum Complexes via Catalytic Asymmetric Hydrophosphination and Their Cytotoxicity Toward MKN74 and MCF7 Cancer Cell Lines. <i>Inorganic Chemistry</i> , 2021, 60, 17276-17287.	1.9	5
7	Chemoselective Synthesis and Evaluation of \hat{I}^2 -Oxovinylarsines as an Arsenic Synthetic Precursor. <i>Organometallics</i> , 2020, 39, 271-278.	1.1	2
8	Divergent Reactivity of Phosphapalladacycles toward E-H (E = N, P, As) Bonds. <i>Organometallics</i> , 2020, 39, 182-188.	1.1	3
9	C-As Bond Formation Reactions for the Preparation of Organoarsenic(III) Compounds. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2428-2436.	1.7	10
10	Catalytic access to ferrocenyl phosphines bearing both planar and central chirality - A kinetic resolution approach via catalytic asymmetric P(III)-C bond formation. <i>Tetrahedron</i> , 2020, 76, 131259.	1.0	2
11	Air-stable phosphine organocatalysts for the hydroarsination reaction. <i>Journal of Organometallic Chemistry</i> , 2020, 914, 121216.	0.8	4
12	Catalytic Asymmetric Diarylphosphine Addition to \hat{I}^2 -Diazoesters for the Synthesis of P-Stereogenic Phosphinates via P-N Bond Formation. <i>Journal of Organic Chemistry</i> , 2020, 85, 14763-14771.	1.7	24
13	Catalytic Approach toward Chiral P,N-Chelate Complexes Utilizing the Asymmetric Hydrophosphination Protocol. <i>Inorganic Chemistry</i> , 2020, 59, 3874-3886.	1.9	14
14	Grignard reagents-catalyzed hydroboration of aldehydes and ketones. <i>Tetrahedron</i> , 2020, 76, 131145.	1.0	20
15	Asymmetric Catalytic 1,2-Dihydrophosphination of Secondary 1,2-Diphosphines - Direct Access to Free <i>P</i> - and <i>C</i> -Diphosphines. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2373-2378.	2.1	19
16	Tandem double hydrophosphination of $\hat{I}^2, \hat{I}^3, \hat{I}^1$ -unsaturated-1,3-indandiones: diphosphine synthesis, mechanistic investigations and coordination chemistry. <i>Chemical Communications</i> , 2019, 55, 10936-10939.	2.2	6
17	Catalytic and Mechanistic Developments of the Nickel(II) Pincer Complex-Catalyzed Hydroarsination Reaction. <i>Chemistry - A European Journal</i> , 2019, 25, 11308-11317.	1.7	5
18	Palladacycle promoted asymmetric hydrophosphination of \hat{I}^2, \hat{I}^2 -unsaturated sulfonyl fluorides. <i>Journal of Organometallic Chemistry</i> , 2019, 899, 120912.	0.8	14

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19	Evaluation of ferrocenyl phosphines as potent antimalarials targeting the digestive vacuole function of <i>Plasmodium falciparum</i> . Dalton Transactions, 2019, 48, 1108-1117.	1.6	14
20	Catalyst-free and solvent-free hydroboration of ketones. New Journal of Chemistry, 2019, 43, 10744-10749.	1.4	42
21	Investigating palladium pincer complexes in catalytic asymmetric hydrophosphination and hydroarsination. Dalton Transactions, 2019, 48, 4602-4610.	1.6	15
22	Catalyst-free and Solvent-free Cyanosilylation and Knoevenagel Condensation of Aldehydes. ACS Sustainable Chemistry and Engineering, 2019, 7, 1718-1722.	3.2	49
23	Low-valent magnesium(ⁱ)-catalyzed cyanosilylation of ketones. Chemical Communications, 2018, 54, 3042-3044.	2.2	42
24	Stereogenic Lock in 1-Naphthylethanamine Complexes for Catalyst and Auxiliary Design: Structural and Reactivity Analysis for Cycloiridated Pseudotetrahedral Complexes. Organometallics, 2018, 37, 99-106.	1.1	12
25	Catalytic asymmetric synthesis of Pt- and Pd-PCP pincer complexes bearing a para-N pyridinyl backbone. Journal of Organometallic Chemistry, 2018, 862, 22-27.	0.8	5
26	Ytterbium-Catalyzed Hydroboration of Aldehydes and Ketones. Journal of Organic Chemistry, 2018, 83, 69-74.	1.7	74
27	Unsymmetrical ^η -diketiminate magnesium(ⁱ) complexes: syntheses and application in catalytic hydroboration of alkyne, nitrile and carbonyl compounds. Organic Chemistry Frontiers, 2018, 5, 3538-3547.	2.3	83
28	Efficient Synthesis of Malonate Functionalized Chiral Phosphapalladacycles and their Catalytic Evaluation in Asymmetric Hydrophosphination of Chalcone. European Journal of Inorganic Chemistry, 2018, 2018, 4385-4390.	1.0	5
29	Synthesis of Stereoprojecting, Chiral N-C(sp ³)-E Type Pincer Complexes. Organometallics, 2018, 37, 2272-2285.	1.1	15
30	Desymmetrization of Achiral Heterobicyclic Alkenes through Catalytic Asymmetric Hydrophosphination. Chemistry - an Asian Journal, 2018, 13, 2829-2833.	1.7	28
31	Challenges in cyclometalation: steric effects leading to competing pathways and ^η - ² -cyclometalated iridium(ⁱⁱⁱ) complexes. Dalton Transactions, 2018, 47, 13046-13051.	1.6	4
32	Triflic-Acid-Catalyzed Tandem Allylic Substitution–Cyclization Reaction of Alcohols with Thiophenols–Facile Access to Polysubstituted Thiochromans. ACS Omega, 2018, 3, 8945-8951.	1.6	8
33	Screening of ferrocenyl phosphines identifies a gold-coordinated derivative as a novel anticancer agent for hematological malignancies. RSC Advances, 2018, 8, 28960-28968.	1.7	5
34	Efficient access to a designed phosphapalladacycle catalyst via enantioselective catalytic asymmetric hydrophosphination. Dalton Transactions, 2017, 46, 1311-1316.	1.6	10
35	Nickel catalyzed enantioselective hydroarsination of nitrostyrene. Chemical Communications, 2017, 53, 6307-6310.	2.2	16
36	Sterically bulky amido magnesium methyl complexes: syntheses, structures and catalysis. RSC Advances, 2017, 7, 45401-45407.	1.7	33

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37	Metal effects on the asymmetric syntheses of chiral Pd~N bidentate ligands. <i>Journal of Organometallic Chemistry</i> , 2016, 824, 99-103.	0.8	0
38	Efficient and stereoselective synthesis of monomeric and bimetallic pincer complexes containing Pd-bonded stereogenic carbons. <i>RSC Advances</i> , 2016, 6, 75951-75959.	1.7	17
39	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
40	Highly Regioselective Introduction of Aryl Substituents via Asymmetric 1,4-Addition of Boronic Acids to Linear $\hat{1}\pm, \hat{1}^2, \hat{1}^3, \hat{1}^n$ -Unsaturated Ketones. <i>Synlett</i> , 2016, 27, 254-258.	1.0	5
41	Palladacyclo-promoted asymmetric hydrophosphination reaction between diphenylphosphine and 2-ethynylpyridine. <i>Journal of Organometallic Chemistry</i> , 2016, 801, 1-5.	0.8	4
42	Recent Progress in Palladium-Catalyzed Asymmetric Hydrophosphination. <i>Synthesis</i> , 2016, 48, 493-503.	1.2	65
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	Computational and carbon-13 NMR studies of Pt~C bonds in Pd~C~P pincer complexes. <i>Dalton Transactions</i> , 2016, 45, 2095-2101.	1.6	8
45	Pd-Catalyzed Enantiodivergent and Regiospecific α -phosphinoyl Michael Addition of Diphenylphosphine to α -oxoenamides: Efficient Access to Chiral Phosphinocarboxamides and Their Analogues. <i>Chemistry - A European Journal</i> , 2015, 21, 4800-4804.	1.7	35
46	Palladium catalyzed asymmetric hydrophosphination of $\hat{1}\pm, \hat{1}^2$ - and $\hat{1}\pm, \hat{1}^2, \hat{1}^3, \hat{1}^n$ -unsaturated malonate esters "efficient control of reactivity, stereo- and regio-selectivity. <i>Dalton Transactions</i> , 2015, 44, 1258-1263.	1.6	49
47	Kinetic resolution of racemic 5-alkylcyclohexenones via Pd-catalyzed 1,4-additions of arylboronic acids "access to trans 3-alkyl-5-aryl-cyclohexanones. <i>Organic Chemistry Frontiers</i> , 2015, 2, 1059-1065.	2.3	3
48	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
49	Metal Effects on the Asymmetric Cycloaddition Reaction between 3,4-Dimethyl-1-phenylphosphole and Sulfoxide. <i>Organometallics</i> , 2015, 34, 5081-5087.	1.1	2
50	Palladacycle promoted base controlled regio- and enantioselective hydrophosphination of 2-pyridylacrylate/amide and the cytotoxicity of their gold complexes. <i>Dalton Transactions</i> , 2015, 44, 17557-17564.	1.6	9
51	Asymmetric 1,4-Conjugate Addition of Diarylphosphines to $\hat{1}\pm, \hat{1}^2, \hat{1}^3, \hat{1}^n$ -Unsaturated Ketones Catalyzed by Transition-Metal Pincer Complexes. <i>Organometallics</i> , 2015, 34, 5196-5201.	1.1	51
52	Evaluation of Palladacycles as a Non-Rhodium Based Alternative for the Asymmetric Conjugate 1,4-Addition of Arylboronic Acids to $\hat{1}\pm, \hat{1}^2$ -Unsaturated Enones. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3391-3400.	2.1	23
53	Mechanistic Insights into the PdII-Catalyzed Chemoselective N-Demethylation vs. Cyclometalation Reactivity Pathways in 1-Aryl-N,N-dimethylethanamines. <i>European Journal of Inorganic Chemistry</i> , 2014, 5046-5052.	1.0	6
54	Palladium-promoted asymmetric cycloaddition reaction of arsole via an unusual exo~endo stereochemically controlled method. <i>Journal of Organometallic Chemistry</i> , 2014, 756, 34-37.	0.8	9

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55	Development of a novel chiral palladacycle and its application in asymmetric hydrophosphination reaction. <i>Dalton Transactions</i> , 2014, 43, 5777-5784.	1.6	16
56	Palladacycle Catalyzed Asymmetric $\text{P}i\text{H}$ Addition of Diarylphosphines to α,β -Enoyl Phthalimides. <i>Chemistry - A European Journal</i> , 2014, 20, 14514-14517.	1.7	27
57	Enantioselective phospho-Michael addition of diarylphosphines to α,β -unsaturated α -ketoesters and amides. <i>Chemical Communications</i> , 2014, 50, 8768-8770.	2.2	46
58	Asymmetric Construction of a Ferrocenyl Phosphapalladacycle from Achiral Enones and a Demonstration of Its Catalytic Potential. <i>Organometallics</i> , 2014, 33, 5074-5076.	1.1	20
59	Synthesis, Optical Resolution, and Stereochemical Properties of a Rationally Designed Chiral C^*N Palladacycle. <i>Organometallics</i> , 2014, 33, 930-940.	1.1	10
60	Asymmetric synthesis of a chiral diarsine ligand via a cycloaddition reaction between 3,4-dimethyl-1-phenylarsole and diphenylvinylarsine. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 1100-1103.	1.8	8
61	Stereoelectronic and Catalytic Properties of Chiral Cyclometalated Phospho-palladium and -platinum Complexes. <i>Organometallics</i> , 2014, 33, 6053-6058.	1.1	22
62	A One-Pot Diastereoselective Self Assembly of C-Stereogenic Copper(I) Diphosphine Clusters. <i>Inorganic Chemistry</i> , 2014, 53, 10232-10239.	1.9	10
63	Copper(II) Triflate Catalyzed Allylic Arylation of Allylic Alcohols: Direct and Selective Access to α -Allylanilines. <i>ChemCatChem</i> , 2013, 5, 3882-3888.	1.8	24
64	Synthesis and Characterization of Conformationally Rigid Chiral Pyridine- N -Heterocyclic Carbene-Based Palladacycles with an Unexpected $\text{Pd}-\text{N}$ Bond Cleavage. <i>Chirality</i> , 2013, 25, 149-159.	1.3	6
65	Stability and Reactivity of Cyclometallated Naphthylamine Complexes in $\text{Pd}-\text{C}$ Bond Insertion Reactions with Coordinated Alkynylphosphanes. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5487-5494.	1.0	4
66	N-Heterocyclic Carbene C,S Palladium(II) η -Allyl Complexes: Synthesis, Characterization, and Catalytic Application In Allylic Amination Reactions. <i>Organometallics</i> , 2013, 32, 2389-2397.	1.1	28
67	Enantioselective Addition of Diphenylphosphine to 3-Methyl-4-nitro-5-alkenylisoxazoles. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1403-1408.	2.1	55
68	Synthesis, Structural Characterisation and Stereochemical Investigation of Chiral Sulfur-Functionalised N -Heterocyclic Carbene Complexes of Palladium and Platinum. <i>Chemistry - A European Journal</i> , 2013, 19, 5468-5475.	1.7	15
69	Asymmetric Synthesis of Enaminophosphines via Palladacycle-Catalyzed Addition of Ph_2PH to α,β -Unsaturated Imines. <i>Journal of Organic Chemistry</i> , 2012, 77, 6849-6854.	1.7	71
70	Domino cyclization-alkylation protocol for the synthesis of 2,3-functionalized indoles from o-alkynylanilines and allylic alcohols. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 3875.	1.5	30
71	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
72	Reactivity of Cycloplatinated Amine Complexes: Intramolecular $\text{C}-\text{C}$ Bond Formation, $\text{C}-\text{H}$ Activation, and PPh_2 Migration in Coordinated Alkynylphosphines. <i>Organometallics</i> , 2012, 31, 8407-8413.	1.1	8

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73	New thioether-dithiolate complexes of Cp [*] -Ir and some reactivity features. <i>Journal of Organometallic Chemistry</i> , 2012, 696, 4207-4214.	0.8	1
74	Asymmetric hydroarsination reactions toward synthesis of alcohol functionalised C-chiral As [*] -P ligands promoted by chiral cyclometallated complexes. <i>Journal of Organometallic Chemistry</i> , 2012, 696, 4215-4220.	0.8	17
75	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
76	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
77	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
78	A tandem Heck [*] -aza-Michael addition protocol for the one-pot synthesis of isoindolines from unprotected amines. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 6600.	1.5	24
79	Intermolecular Insertion of Dialkynylphosphanes into the M-C Bond of Cyclopalladated Rings through Activation by Cyclometallated Amines. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 1823-1831.	1.0	4
80	One-pot \hat{I}^2 -alkylation of secondary alcohols with primary alcohols catalyzed by ruthenacycles. <i>Tetrahedron Letters</i> , 2012, 53, 1450-1455.	0.7	39
81	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
82	Asymmetric Synthesis of P-Stereogenic Homo- and Heterobimetallic Complexes via Selective Monoinsertion of Dialkynylphosphine into the Pd [*] C Bond of a Palladacycle. <i>Organometallics</i> , 2011, 30, 1530-1550.	1.1	11
83	Efficient Iridium-Thioether-Dithiolate Catalyst for \hat{I}^2 -Alkylation of Alcohols and Selective Imine Formation via N-Alkylation Reactions. <i>Organometallics</i> , 2011, 30, 6499-6502.	1.1	87
84	Chiral Metal Complex-Promoted Asymmetric Hydrophosphinations. <i>Topics in Organometallic Chemistry</i> , 2011, , 145-166.	0.7	55
85	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
86	Synthesis of Homo [*] and Hetero [*] Bimetallic Arsenic Complexes by Means of Regioselective Monoinsertion of Alkynylarsane into the Pd [*] C Bond of a Palladacycle. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 3111-3121.	1.0	11
87	Chiral palladacycle promoted asymmetric synthesis of functionalized bis-phosphine monoxide ligand. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 709-714.	0.8	7
88	Palladacycle mediated synthesis of cyano-functionalized chiral 1,2-diphosphine and subsequent functional group transformations. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 905-912.	0.8	5
89	Metal Effects on the Asymmetric Synthesis of a New Heterobidentate As/P=S Ligand. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 1865-1871.	1.0	7
90	Synthesis of a Chiral Palladacycle and Its Application in Asymmetric Hydrophosphination Reactions. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4427-4437.	1.0	15

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91	Palladium(ii)-catalyzed asymmetric hydrophosphination of enones: efficient access to chiral tertiary phosphines. <i>Chemical Communications</i> , 2010, 46, 6950.	2.2	128
92	Syntheses of Bimetallic Zwitterionic Complexes Containing Stereogenic Bifunctionalized Phosphine through Stepwise Insertion and Hydration Reactions. <i>Organometallics</i> , 2010, 29, 893-903.	1.1	7
93	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
94	Palladium Template Promoted Asymmetric Synthesis of 1,2-Diphosphines by Hydrophosphination of Functionalized Allenes. <i>Organometallics</i> , 2010, 29, 536-542.	1.1	26
95	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
96	Synthesis and Characterisation of a Novel Chiral Bidentate Pyridine-N-Heterocyclic Carbene-Based Palladacycle. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 1413-1418.	1.0	17
97	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
98	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
99	Rational Design of a Novel Chiral Palladacycle: Synthesis, Optical Resolution, and Stereochemical Evaluation. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 267-276.	1.0	17
100	Enantioselective, High-Yielding Synthesis of Alcohol-Functionalized Diphosphanes Utilizing Asymmetric Control with a Chiral Auxiliary. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 2375-2382.	1.0	14
101	Novel Enantioselective Synthesis of Functionalized Pyridylarsanes by a Chiral Palladium Template Promoted Asymmetric Hydroarsanation Reaction. <i>European Journal of Inorganic Chemistry</i> , 2009, 4134-4140.	1.0	17
102	Template effects on the asymmetric cycloaddition reaction between 3,4-dimethyl-1-phenylarsole and diphenylvinylphosphine and their arsenic elimination reaction. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 1929-1933.	0.8	8
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	Organoplatinum Complex Promoted the Asymmetric <i>Endo</i> Stereochemically Controlled Diels-Alder Reaction between 3-Diphenylphosphinofuran and Diphenylvinylphosphine. <i>Inorganic Chemistry</i> , 2009, 48, 11394-11398.	1.9	15
105	Synthesis, Coordination Characteristics, Conformational Behavior, and Bond Reactivity Studies of a Novel Chiral Phosphapalladacycle Complex. <i>Organometallics</i> , 2009, 28, 4358-4370.	1.1	12
106	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
107	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
108	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

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109	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
110	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
111	Controllable synthesis of P-chiral 1,2- and 1,3-diphosphines via asymmetric Diels-Alder reactions involving functionalized allylic phosphines as dienophiles. <i>Dalton Transactions</i> , 2009, , 3668.	1.6	14
112	Bis(allyl)ruthenium(iv)-initiated S - S and C - S Bond Cleavages in Tetraalkylthiuram Sulfides. Formation and X-ray Crystal Structures of Dithiocarbamate Complexes. <i>Australian Journal of Chemistry</i> , 2009, 62, 1537.	0.5	6
113	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
114	Asymmetric synthesis of a chiral hetero-bidentate As-P ligand containing both As and P-stereogenic centres. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3289-3294.	0.8	19
115	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
116	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
117	Asymmetric synthesis of a P-chiral heteroditopic ligand via chiral metal template promoted cycloaddition between 3,4-dimethyl-1-phenylphosphole and its sulfonated analog. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 3083-3088.	0.8	16
118	Synthesis, Spectral, Thermal and CO ₂ Absorption Studies on Birnessites Type Layered MnO ₆ Oxide. <i>Transition Metal Chemistry</i> , 2006, 31, 429-433.	0.7	10