

# Carmen Claver

## List of Publications by Year in descending order

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308  
papers

11,416  
citations

39113

52  
h-index

54771

88  
g-index

379  
all docs

379  
docs citations

379  
times ranked

7689  
citing authors

#	ARTICLE	IF	CITATIONS
1	Supported Catalysts. European Journal of Inorganic Chemistry, 2022, 2022, .	1.0	1
2	Mechanistic Insights of Photocatalytic CO <sub>2</sub> Reduction: Experimental <i>versus</i> Computational Studies. European Journal of Inorganic Chemistry, 2022, 2022, .	1.0	10
3	Controlled One-Pot Synthesis of PdAg Nanoparticles and Their Application in the Semi-Hydrogenation of Acetylene in Ethylene-Rich Mixtures. ChemNanoMat, 2022, 8, .	1.5	3
4	Immobilized Molecular Catalysts for CO <sub>2</sub> Photoreduction. Advanced Sustainable Systems, 2022, 6, .	2.7	15
5	Metal complexes bearing ONO ligands as highly active catalysts in carbon dioxide and epoxide coupling reactions. Inorganica Chimica Acta, 2021, 517, 120194.	1.2	8
6	Sustainable Synthesis of Polymeric Materials versus Fine Chemicals via CO <sub>2</sub> Addition to Epoxides. Chemistry Proceedings, 2021, 3, 17.	0.1	1
7	Pd, Cu and Bimetallic PdCu NPs Supported on CNTs and Phosphine-Functionalized Silica: One-Pot Preparation, Characterization and Testing in the Semi-Hydrogenation of Alkynes. European Journal of Inorganic Chemistry, 2021, 2021, 4970-4978.	1.0	6
8	Asymmetric hydrogenation of imines. Advances in Catalysis, 2021, 68, 205-289.	0.1	3
9	Recent advances in the use of catalysts based on natural products for the conversion of CO <sub>2</sub> into cyclic carbonates. Green Chemistry, 2020, 22, 7665-7706.	4.6	110
10	Regioselectivity Control in Pd-Catalyzed Telomerization of Isoprene Enabled by Solvent and Ligand Selection. ACS Catalysis, 2020, 10, 11458-11465.	5.5	9
11	Efficient synthesis of chiral $\beta$ -aminobutyric esters <i>via</i> direct rhodium-catalysed enantioselective hydroaminomethylation of acrylates. Catalysis Science and Technology, 2020, 10, 630-634.	2.1	8
12	Heterogeneous palladium SALOPHEN onto porous polymeric microspheres as catalysts for heck reaction. Pure and Applied Chemistry, 2019, 91, 1651-1664.	0.9	2
13	Immobilized chiral rhodium nanoparticles stabilized by chiral P-ligands as efficient catalysts for the enantioselective hydrogenation of 1-phenyl-1,2-propanedione. Molecular Catalysis, 2019, 477, 110551.	1.0	0
14	A General One-Pot Methodology for the Preparation of Mono- and Bimetallic Nanoparticles Supported on Carbon Nanotubes: Application in the Semi-Hydrogenation of Alkynes and Acetylene. Chemistry - A European Journal, 2019, 25, 8321-8331.	1.7	24
15	Highly Efficient Rh-catalysts Immobilised by $\pi$ - $\pi$ Stacking for the Asymmetric Hydroformylation of Norbornene under Continuous Flow Conditions. ChemCatChem, 2019, 11, 2195-2205.	1.8	29
16	Hollow PdAg-CeO <sub>2</sub> heterodimer nanocrystals as highly structured heterogeneous catalysts. Scientific Reports, 2019, 9, 18776.	1.6	13
17	Hybrid Metalloporphyrin Magnetic Nanoparticles as Catalysts for Sequential Transformation of Alkenes and CO <sub>2</sub> into Cyclic Carbonates. ChemCatChem, 2018, 10, 2792-2803.	1.8	34
18	Selective Oxidative Carbonylation of Aniline to Diphenylurea with Ionic Liquids. ChemCatChem, 2018, 10, 2450-2457.	1.8	12

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19	Recyclable supported Pd-NHC catalytic systems for the copper-free Sonogashira cross-coupling in flow. <i>Sustainable Chemistry and Pharmacy</i> , 2018, 9, 69-75.	1.6	6
20	A new approach for the preparation of well-defined Rh and Pt nanoparticles stabilized by phosphine-functionalized silica for selective hydrogenation reactions. <i>Chemical Communications</i> , 2017, 53, 3261-3264.	2.2	19
21	Core-substituted naphthalenediimides anchored on BiVO <sub>4</sub> for visible light-driven water splitting. <i>Green Chemistry</i> , 2017, 19, 2448-2462.	4.6	11
22	Facile synthesis of NHC-stabilized Ni nanoparticles and their catalytic application in the Z-selective hydrogenation of alkynes. <i>Chemical Communications</i> , 2017, 53, 7894-7897.	2.2	51
23	NHC-stabilised Rh nanoparticles: Surface study and application in the catalytic hydrogenation of aromatic substrates. <i>Journal of Catalysis</i> , 2017, 354, 113-127.	3.1	48
24	Salicylic Naphthalene Cobalt Complexes as Catalysts for the Synthesis of High Molecular Weight Polycarbonates. <i>ChemCatChem</i> , 2017, 9, 3974-3981.	1.8	10
25	Advances in the preparation of highly selective nanocatalysts for the semi-hydrogenation of alkynes using colloidal approaches. <i>Dalton Transactions</i> , 2017, 46, 12381-12403.	1.6	117
26	Solventless Coupling of Epoxides and CO <sub>2</sub> in Compressed Medium Catalysed by Fluorinated Metalloporphyrins. <i>Catalysts</i> , 2017, 7, 210.	1.6	16
27	Effect of the Polymeric Stabilizer in the Aqueous Phase Fischer-Tropsch Synthesis Catalyzed by Colloidal Cobalt Nanocatalysts. <i>Nanomaterials</i> , 2017, 7, 58.	1.9	4
28	Homogeneous Hydrogenation of Imines Catalyzed by Iridium Complexes. , 2017, , 181-188.		0
29	Robust Zinc Complexes that Contain Pyrrolidine-Based Ligands as Recyclable Catalysts for the Synthesis of Cyclic Carbonates from Carbon Dioxide and Epoxides. <i>ChemCatChem</i> , 2016, 8, 234-243.	1.8	44
30	Effect of polymeric stabilizers on Fischer-Tropsch synthesis catalyzed by cobalt nanoparticles supported on TiO <sub>2</sub> . <i>Journal of Molecular Catalysis A</i> , 2016, 417, 43-52.	4.8	8
31	A Simple and Versatile Approach for the Fabrication of Paper-Based Nanocatalysts: Low Cost, Easy Handling, and Catalyst Recovery. <i>ChemCatChem</i> , 2016, 8, 3041-3044.	1.8	8
32	Novel iminopyridine derivatives: ligands for preparation of Fe(II) and Cu(II) dinuclear complexes. <i>Dalton Transactions</i> , 2016, 45, 3564-3576.	1.6	9
33	Fischer-Tropsch synthesis catalysed by small TiO <sub>2</sub> supported cobalt nanoparticles prepared by sodium borohydride reduction. <i>Applied Catalysis A: General</i> , 2016, 513, 39-46.	2.2	34
34	Recyclable NHC Catalyst for the Development of a Generalized Approach to Continuous Buchwald-Hartwig Reaction and Workup. <i>Organic Process Research and Development</i> , 2016, 20, 551-557.	1.3	38
35	Development of silica-supported frustrated Lewis pairs: highly active transition metal-free catalysts for the Z-selective reduction of alkynes. <i>Catalysis Science and Technology</i> , 2016, 6, 882-889.	2.1	39
36	A mild route to solid-supported rhodium nanoparticle catalysts and their application to the selective hydrogenation reaction of substituted arenes. <i>Catalysis Science and Technology</i> , 2015, 5, 3762-3772.	2.1	17

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37	Surface characterisation of phosphine and phosphite stabilised Rh nanoparticles: a model study. <i>RSC Advances</i> , 2015, 5, 97036-97043.	1.7	17
38	Câ€H benzylic oxidation promoted by dinuclear iron DBDOC iminopyridine complexes. <i>Inorganica Chimica Acta</i> , 2015, 431, 156-160.	1.2	15
39	Correlation between Hydrocarbon Product Distribution and Solvent Composition in the Fischerâ€Tropsch Synthesis Catalyzed by Colloidal Cobalt Nanoparticles. <i>ACS Catalysis</i> , 2015, 5, 4568-4578.	5.5	11
40	Effect of pH on catalyst activity and selectivity in the aqueous Fischerâ€Tropsch synthesis catalyzed by cobalt nanoparticles. <i>Catalysis Communications</i> , 2015, 71, 88-92.	1.6	13
41	Selective catalytic deuteration of phosphorus ligands using ruthenium nanoparticles: a new approach to gain information on ligand coordination. <i>Chemical Communications</i> , 2015, 51, 16342-16345.	2.2	24
42	Heterogenization of Pdâ€NHC complexes onto a silica support and their application in Suzukiâ€Miyaura coupling under batch and continuous flow conditions. <i>Catalysis Science and Technology</i> , 2015, 5, 310-319.	2.1	58
43	Tuning the Selectivity in the Hydrogenation of Aromatic Ketones Catalyzed by Similar Ruthenium and Rhodium Nanoparticles. <i>ChemCatChem</i> , 2014, 6, 3160-3168.	1.8	42
44	Pdâ€Catalysed Monoâ€and Dicarboxylation of Aryl Iodides: Insights into the Mechanism and the Selectivity. <i>Chemistry - A European Journal</i> , 2014, 20, 10982-10989.	1.7	26
45	Modular Synthesis of Functionalisable Alkoxyâ€Tethered Nâ€Heterocyclic Carbene Ligands and an Active Catalyst for Buchwaldâ€Hartwig Aminations. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 460-474.	2.1	30
46	Novel Polymer Stabilized Water Soluble Ru-Nanoparticles as Aqueous Colloidal Fischerâ€Tropsch Catalysts. <i>Topics in Catalysis</i> , 2013, 56, 1208-1219.	1.3	11
47	Asymmetric Carbonylations. , 2013, , 383-411.		6
48	Pd-catalysed asymmetric Suzukiâ€Miyaura reactions using chiral mono- and bidentate phosphorus ligands. <i>Journal of Organometallic Chemistry</i> , 2013, 743, 31-36.	0.8	12
49	Ligand effect in the Rh-NP catalysed partial hydrogenation of substituted arenes. <i>Catalysis Science and Technology</i> , 2013, 3, 2828.	2.1	16
50	Feâ€Catalyzed Olefin Epoxidation with Tridentate Nonâ€Heme Ligands and Hydrogen Peroxide as the Oxidant. <i>ChemCatChem</i> , 2013, 5, 1092-1095.	1.8	12
51	Asymmetric Hydroformylation. <i>Topics in Current Chemistry</i> , 2013, 342, 79-115.	4.0	15
52	Novel Metal Nanoparticles Stabilized with (2R,4R)-2,4-bis(diphenylphosphino) Pentane on SiO <sub>2</sub> . Their Use as Catalysts in Enantioselective Hydrogenation Reactions. <i>Current Organic Chemistry</i> , 2012, 16, 2754-2762.	0.9	5
53	Interception of a Rh(I)â€Rh(III) dinuclear trihydride complex revealing the dihydrogen activation by [Rh(CO) <sub>2</sub> {(R,R)-Phâ€BPE}]. <i>Dalton Transactions</i> , 2012, 41, 3369.	1.6	7
54	Recycling of allylic alkylation Pd catalysts containing phosphine-imidazoline ligands in ionic liquids. <i>Green Chemistry</i> , 2012, 14, 2715.	4.6	17

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55	A phosphine-free Pd catalyst for the selective double carbonylation of aryl iodides. <i>Chemical Communications</i> , 2012, 48, 1695-1697.	2.2	46
56	Highly Selective Palladium-Catalysed Aminocarbonylation of Aryl Iodides using a Bulky Diphosphine Ligand. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1971-1979.	2.1	20
57	Interplay between Cationic and Neutral Species in the Rhodium-Catalyzed Hydroaminomethylation Reaction. <i>Chemistry - A European Journal</i> , 2012, 18, 7128-7140.	1.7	38
58	Room temperature asymmetric Pd-catalyzed methoxycarbonylation of norbornene: highly selective catalysis and HP-NMR studies. <i>Dalton Transactions</i> , 2012, 41, 6980.	1.6	27
59	Colloidal Ru, Co and Fe-nanoparticles. Synthesis and application as nanocatalysts in the Fischer-Tropsch process. <i>Catalysis Today</i> , 2012, 183, 154-171.	2.2	90
60	C1-Symmetric carbohydrate diphosphite ligands for asymmetric Pd-allylic alkylation reactions. Study of the key Pd-allyl intermediates. <i>Dalton Transactions</i> , 2011, 40, 2852.	1.6	7
61	Phosphite-Containing Ligands for Asymmetric Catalysis. <i>Chemical Reviews</i> , 2011, 111, 2077-2118.	23.0	287
62	Efficient recycling of a chiral palladium catalytic system for asymmetric allylic substitutions in ionic liquid. <i>Chemical Communications</i> , 2011, 47, 7869.	2.2	20
63	SPANamine derivatives in the catalytic asymmetric $\alpha$ -fluorination of $\beta$ -keto esters. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1490-1498.	1.8	29
64	Iridium-Catalyzed Hydrogenation Using Phosphorus Ligands. <i>Topics in Organometallic Chemistry</i> , 2011, , 11-29.	0.7	17
65	Pd nanoparticles for C-C coupling reactions. <i>Chemical Society Reviews</i> , 2011, 40, 4973.	18.7	744
66	Tridentate chiral NPN ligands based on bis(oxazolines) and their use in Pd-catalyzed enantioselective allylic substitution in molecular and ionic liquids. <i>Tetrahedron</i> , 2011, 67, 5402-5408.	1.0	32
67	Changing the Palladium Coordination to Phosphinoimidazolines with a Remote Triazole Substituent. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 3255-3261.	2.1	19
68	Highlights of Transition Metal-Catalyzed Asymmetric Hydrogenation of Imines. <i>ChemCatChem</i> , 2010, 2, 1346-1371.	1.8	251
69	Norbornene Bidentate Ligands: Coordination Chemistry and Enantioselective Catalytic Applications. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 758-766.	1.0	4
70	Highly Efficient Rhodium Catalysts for the Asymmetric Hydroformylation of Vinyl and Allyl Ethers using C <sub>1</sub> -Symmetrical Diphosphite Ligands. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 463-477.	2.1	49
71	Phosphine Ligands in the Palladium-Catalysed Methoxycarbonylation of Ethene: Insights into the Catalytic Cycle through an HP-NMR Spectroscopic Study. <i>Chemistry - A European Journal</i> , 2010, 16, 6919-6932.	1.7	74
72	Highlights of the Rh-catalysed asymmetric hydroformylation of alkenes using phosphorus donor ligands. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1135-1146.	1.8	91

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73	Chiral Pt/ZrO <sub>2</sub> Catalysts. Enantioselective Hydrogenation of 1-phenyl-1,2-propanedione. <i>Molecules</i> , 2010, 15, 3428-3440.	1.7	2
74	Soluble transition-metal nanoparticles-catalysed hydrogenation of arenes. <i>Dalton Transactions</i> , 2010, 39, 11499.	1.6	118
75	Unprecedented Chemo- and Stereoselective Palladium-Catalysed Methoxycarbonylation of Norbornene. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1813-1816.	2.1	14
76	Carbohydrate-Derived 1,3-Diphosphite Ligands as Chiral Nanoparticle Stabilizers: Promising Catalytic Systems for Asymmetric Hydrogenation. <i>ChemSusChem</i> , 2009, 2, 769-779.	3.6	54
77	Chiral Asymmetric Diphosphite Ligands Derived from Carbohydrates: Influence of Structural Modifications on the Rhodium-Catalyzed Asymmetric Hydroformylation of Styrene. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 1191-1201.	1.2	33
78	New chiral diphosphites derived from substituted 9,10-dihydroanthracene. Applications in asymmetric catalytic processes. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1009-1014.	1.8	17
79	Metal-catalysed polymerisation. <i>Dalton Transactions</i> , 2009, , 8783.	1.6	0
80	Chiral Diphosphite-Modified Rhodium(0) Nanoparticles: Catalyst Reservoir for Styrene Hydroformylation. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3460-3466.	1.0	54
81	HP-NMR Study of the Pd-Catalyzed Methoxycarbonylation of Styrene Using Monodentate and Bidentate Phosphane-Modified Systems. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 4625-4637.	1.0	13
82	Pyrazolyl-pyrimidine based ligands in palladium catalyzed copolymerization and terpolymerization of CO/olefins. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1269-1275.	0.8	23
83	Strategies for the Immobilization of Homogeneous Catalysts and Their Use in the Synthesis of Carbamates. <i>Industrial &amp; Engineering Chemistry Research</i> , 2008, 47, 8032-8036.	1.8	20
84	Pd-catalysed asymmetric mono- and bis-alkoxycarbonylation of vinylarenes. <i>Dalton Transactions</i> , 2008, , 853-860.	1.6	81
85	Diphosphite ligands derived from carbohydrates as stabilizers for ruthenium nanoparticles: promising catalytic systems in arene hydrogenation. <i>Chemical Communications</i> , 2008, , 2759.	2.2	65
86	An outstanding palladium system containing a C <sub>2</sub> -symmetrical phosphite ligand for enantioselective allylic substitution processes. <i>Chemical Communications</i> , 2008, , 6197.	2.2	30
87	Synthesis of palladium(ii) complexes containing a new D-xylofuranose-modified diphosphine and their application as catalyst precursors in the co- and terpolymerization of CO-ethene and propene. <i>Dalton Transactions</i> , 2008, , 2741.	1.6	8
88	Dipyridophenazine as Electronic Tunable Ligands for the Palladium-Catalyzed Synthesis of Polyketones. <i>Organometallics</i> , 2008, 27, 1019-1021.	1.1	21
89	New alkyl derivatives phosphine sulfonate (P=O) ligands. Catalytic activity in Pd-catalysed Suzuki-Miyaura reactions in water. <i>Dalton Transactions</i> , 2007, , 2859-2861.	1.6	29
90	Pd-catalysed methoxycarbonylation of vinylarenes using chiral monodentate phosphetanes and phospholane as ligands. Effect of substrate substituents on enantioselectivity. <i>Dalton Transactions</i> , 2007, , 5524.	1.6	36

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91	Emerging strategies in catalysis. Dalton Transactions, 2007, , 5482.	1.6	3
92	Ligand effects in the non-alternating CO/ethylene copolymerization by palladium(ii) catalysis. Dalton Transactions, 2007, , 5590.	1.6	66
93	First Chiral Phosphoroamidite-phosphite Ligands for Highly Enantioselective and Versatile Pd-Catalyzed Asymmetric Allylic Substitution Reactions. Organic Letters, 2007, 9, 49-52.	2.4	39
94	New Highly Effective Phosphite-Phosphoramidite Ligands for Palladium-Catalysed Asymmetric Allylic Alkylation Reactions. Advanced Synthesis and Catalysis, 2007, 349, 836-840.	2.1	23
95	New $C_2$ -Symmetric Diphosphite Ligands Derived from Carbohydrates: Effect of the Remote Stereocenters on Asymmetric Catalysis. Advanced Synthesis and Catalysis, 2007, 349, 1983-1998.	2.1	29
96	Palladium Catalytic Species Containing Chiral Phosphites: Towards a Discrimination between Molecular and Colloidal Catalysts. Advanced Synthesis and Catalysis, 2007, 349, 2459-2469.	2.1	68
97	First Allylpalladium Systems Containing Chiral Imidazolylpyridine Ligands – Structural Studies and Catalytic Behaviour. European Journal of Inorganic Chemistry, 2007, 2007, 132-139.	1.0	10
98	Unraveling the Methoxy Effect in the CO/Ethene Copolymerization Reaction by Diphosphane-palladium(II) Catalysis. European Journal of Inorganic Chemistry, 2007, 2007, 2702-2710.	1.0	21
99	Alternating and Non-Alternating Pd-Catalysed CO and Terpolymerisation of Carbon Monoxide and Alkenes. European Journal of Inorganic Chemistry, 2007, 2007, 2582-2593.	1.0	69
100	Recent Progress in Asymmetric Catalysis Using Chiral Carbohydrate-Based Ligands. European Journal of Organic Chemistry, 2007, 2007, 4621-4634.	1.2	93
101	CO-ethylene copolymerization reactions in different reaction media catalyzed by palladium(II) complexes with chelating diphosphines bearing ortho-methoxy-substituted aryl groups. Journal of Molecular Catalysis A, 2007, 265, 292-305.	4.8	30
102	Electronic Effect of Diphosphines on the Regioselectivity of the Palladium-Catalyzed Hydroesterification of Styrene. Organometallics, 2006, 25, 3102-3104.	1.1	78
103	Synthesis and characterization of palladium(ii) complexes with new diphosphonium-diphosphine and diphosphine ligands. Production of low molecular weight alternating polyketones via catalytic CO/ethene copolymerisation. Dalton Transactions, 2006, , 2964-2973.	1.6	18
104	A highly selective synthesis of 3-hydroxy-2-methylpropionamide involving a one-pot tandem hydroformylation/hydrogenation sequence. Chemical Communications, 2006, , 191-193.	2.2	18
105	Rhodium-diphosphite catalysed hydroformylation of allylbenzene and propenylbenzene derivatives. Inorganica Chimica Acta, 2006, 359, 2973-2979.	1.2	40
106	Furanoside thioether-phosphinite ligands for Pd-catalyzed asymmetric allylic substitution reactions: Scope and limitations. Journal of Organometallic Chemistry, 2006, 691, 2257-2262.	0.8	19
107	Selective hydrogenation of $\hat{1},\hat{2}$ -unsaturated oxosteroids with homogeneous rhodium catalysts. Journal of Molecular Catalysis A, 2006, 247, 275-282.	4.8	9
108	Pyranoside phosphite-phosphoramidite ligands for Pd-catalyzed asymmetric allylic alkylation reactions. Tetrahedron: Asymmetry, 2006, 17, 3282-3287.	1.8	12

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109	Phosphite-oxazoline ligands for Rh-catalyzed asymmetric hydrosilylation of ketones. <i>Journal of Molecular Catalysis A</i> , 2006, 249, 207-210.	4.8	13
110	New C <sub>2</sub> - and C <sub>1</sub> -Symmetric Phosphorus Ligands Based on Carbohydrate Scaffolds and Their Use in the Iridium-Catalysed Hydrogenation of Ketimines. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 627-633.	1.2	30
111	Systematic Study of the Asymmetric Methoxycarbonylation of Styrene Catalyzed by Palladium Systems Containing Chiral Ferrocenyl Diphosphine Ligands. <i>Helvetica Chimica Acta</i> , 2006, 89, 1610-1622.	1.0	52
112	Asymmetric Hydroformylation. , 2006, , 35-64.		48
113	Pd-catalyzed asymmetric allylic alkylation using furanoside diphosphinite ligands. <i>Inorganica Chimica Acta</i> , 2005, 358, 3824-3828.	1.2	7
114	Furanoside thioether-phosphinite ligands for Pd-catalyzed asymmetric allylic substitution reactions. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 959-963.	1.8	36
115	Thioether-phosphinite and diphosphinite ligands derived from d-xylose for the copper-catalyzed asymmetric 1,4-addition to 2-cyclohexenone. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 2161-2165.	1.8	17
116	Furanoside thioether-phosphinite ligands for Rh-catalyzed asymmetric hydrosilylation of ketones. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3877-3880.	1.8	19
117	Enhanced regioselectivity in palladium-catalysed asymmetric methoxycarbonylation of styrene using phosphitanes as chiral ligands. <i>Inorganic Chemistry Communication</i> , 2005, 8, 1113-1115.	1.8	41
118	Asymmetric hydroformylation of vinyl arenes catalyzed by furanoside diphosphinites-Rh(I) complexes. <i>Applied Catalysis A: General</i> , 2005, 282, 215-220.	2.2	13
119	Cationic Iridium Complexes with Chiral Dithioether Ligands: Synthesis, Characterisation and Reactivity under Hydrogenation Conditions. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2315-2323.	1.0	6
120	Control of Polymer Composition in Pd-Catalyzed CO/Olefin Terpolymerization Reactions. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 839-846.	2.1	15
121	Modular Furanoside Diphosphite Ligands for Pd-Catalyzed Asymmetric Allylic Substitution Reactions: Scope and Limitations. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1257-1266.	2.1	44
122	New Carbohydrate-Based Phosphite-Oxazoline Ligands as Highly Versatile Ligands for Palladium-Catalyzed Allylic Substitution Reactions. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1943-1947.	2.1	72
123	An Efficient Method for the Synthesis of Enantiopure Phosphine-Imidazoline Ligands: Application to the Ir-Catalyzed Hydrogenation of Imines.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
124	Coordination Chemistry and Asymmetric Catalysis with a Chiral Diphosphonite.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
125	Phosphite Ligands in Asymmetric Hydrogenation. <i>ChemInform</i> , 2005, 36, no.	0.1	0
126	First Successful Application of Diphosphite Ligands in the Asymmetric Hydroformylation of Dihydrofurans.. <i>ChemInform</i> , 2005, 36, no.	0.1	0



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127	Furanoside Thioetherâ€”Phosphinite Ligands for Pd-Catalyzed Asymmetric Allylic Substitution Reactions.. ChemInform, 2005, 36, no.	0.1	0
128	New Phosphiteâ€”Oxazoline Ligands for Efficient Pd-Catalyzed Substitution Reactions.. ChemInform, 2005, 36, no.	0.1	0
129	C1 and C2-Symmetric Carbohydrate Phosphorus Ligands in Asymmetric Catalysis. ChemInform, 2005, 36, no.	0.1	0
130	Sugar-Based P-Ligands for Asymmetric Hydrogenation. ChemInform, 2005, 36, no.	0.1	0
131	First successful application of diphosphite ligands in the asymmetric hydroformylation of dihydrofurans. Chemical Communications, 2005, , 1221-1223.	2.2	44
132	Asymmetric hydrogenation of prochiral olefins catalysed by furanoside thioetherâ€”phosphinite Rh(i) and Ir(i) complexes. Dalton Transactions, 2005, , 2557.	1.6	25
133	Chiral Phosphite-oxazolines:â€” A New Class of Ligands for Asymmetric Heck Reactions. Organic Letters, 2005, 7, 5597-5599.	2.4	60
134	Palladium-Diphosphite Catalysts for the Asymmetric Allylic Substitution Reactions. Journal of Organic Chemistry, 2005, 70, 3363-3368.	1.7	62
135	Allylic Alkylations Catalyzed by Palladium Systems Containing Modular Chiral Dithioethers. A Structural Study of the Allylic Intermediates. Organometallics, 2005, 24, 3946-3956.	1.1	34
136	Oxidative carbonylation of aniline with new cobalt catalytic systems. Canadian Journal of Chemistry, 2005, 83, 764-768.	0.6	12
137	C1 and C2-symmetric carbohydrate phosphorus ligands in asymmetric catalysis. Chemical Society Reviews, 2005, 34, 702.	18.7	115
138	New Phosphiteâ€”Oxazoline Ligands for Efficient Pd-Catalyzed Substitution Reactions. Journal of the American Chemical Society, 2005, 127, 3646-3647.	6.6	131
139	Furanoside diphosphinites as suitable ligands for the asymmetric catalytic hydrogenation of prochiral olefins. Tetrahedron: Asymmetry, 2004, 15, 2247-2251.	1.8	21
140	Effect of 5-Me substituent(s) on the catalytic activity of palladium(II) 2,2â€”bipyridine complexes in CO/4-tert-butylstyrene copolymerization. Journal of Organometallic Chemistry, 2004, 689, 1521-1529.	0.8	16
141	Hydroformylation of 1-octene with rhodium catalysts in fluorous systems. Journal of Molecular Catalysis A, 2004, 208, 97-101.	4.8	24
142	Coordination Chemistry and Asymmetric Catalysis with a Chiral Diphosphonite. European Journal of Inorganic Chemistry, 2004, 2004, 4193-4201.	1.0	25
143	Tunable Furanoside Diphosphite Ligands: A Powerful Approach in Asymmetric Catalysis. ChemInform, 2004, 35, no.	0.1	0
144	New Insights on the Asymmetric Hydroboration of Perfluoroalkenes.. ChemInform, 2004, 35, no.	0.1	0

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145	Ligands Derived from Carbohydrates for Asymmetric Catalysis. <i>ChemInform</i> , 2004, 35, no.	0.1	0
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