LÃ¡szlÃ³ KollÃ¡r

List of Publications by Year
in descending order

179 papers	5,760 citations	136950 32 h-index	88630 70 g-index
187 all docs	187 docs citations	187 times ranked	4621 citing authors

#	Article	IF	Citations
1	27 Years of Catalytic Carbonylative Coupling Reactions in Hungary (1994â€“2021). Molecules, 2022, 27, 460.	3.8	9
2	Stereoisomeric Tris-BINOL-Menthol Bulky Monophosphites: Synthesis, Characterisation and Application in Rhodium-Catalysed Hydroformylation. Molecules, 2022, 27, 1989.	3.8	4
3	Highly Selective Synthesis of 6-Glyoxylamidoquinoline Derivatives via Palladium-Catalyzed Aminocarbonylation. Molecules, 2022, 27, 4.	3.8	4
4	1,4-Pentanediol: Vapor Pressure, Density, Viscosity, Refractive Index, and Its Isobaric Vaporâ€“Liquid Equilibrium with 2-Methyltetrahydrofurane. Journal of Chemical & Engineering Data, 2022, 67, 1450-1459.	1.9	5
5	Isobaric Vaporâ€“Liquid Equilibria for Binary Mixtures of Gamma-Valerolactone + Toluene. Journal of Chemical & Engineering Data, 2021, 66, 568-574.	1.9	7
6	Synthesis of novel pregnane-based 20-carboxamides via palladium-catalysed aminocarbonylation. Chemical Papers, 2021, 75, 1861-1867.	2.2	3
7	Selective Synthesis of N-Acylnortropane Derivatives in Palladium-Catalysed Aminocarbonylation. Molecules, 2021, 26, 1813.	3.8	4
8	Synthesis of N-picolylcarboxamides in aminocarbonylation. Tetrahedron, 2021, 88, 132128.	1.9	3
9	Palladium-catalyzed aryloxy- and alkoxycarbonylation of aromatic iodides in Î³-valerolactone as bio-based solvent. Journal of Organometallic Chemistry, 2020, 923, 121407.	1.8	18
10	Push or Pull for a Better Selectivity? A Study on the Electronic Effects of Substituents of the Pyridine Ring on the Enantiomeric Recognition of Chiral Pyridino-18-Crown-6 Ethers. Symmetry, 2020, 12, 1795.	2.2	2
11	Synthesis of Axially Chiral Carboxamides via Aminocarbonylation of Aryl and Vinyl Iodides with 2,2â€™â€Diaminoâ€1,1â€™â€binaphthalene in the Presence of Palladium Catalysts. ChemistrySelect, 2020, 5, 11048-11051.	1.5	2
12	Tetrabutylphosphonium 4-ethoxyvalerate as a biomass-originated media for homogeneous palladium-catalyzed Hiyama coupling reactions. Chemical Papers, 2020, 74, 4593-4598.	2.2	5
13	DFT Study on the Mechanism of Iron-Catalyzed Diazocarbonylation. Molecules, 2020, 25, 5860.	3.8	1
14	Isobaric Vaporâ€“Liquid Equilibria for Binary Mixtures of Biomass-Derived Î³-Valerolactone + Tetrahydrofuran and 2-Methyltetrahydrofuran. Journal of Chemical & Engineering Data, 2020, 65, 3063-3071.	1.9	7
15	Homogeneous Pd-Catalyzed Heck Coupling in Î³-Valerolactone as a Green Reaction Medium: A Catalytic, Kinetic, and Computational Study. ACS Sustainable Chemistry and Engineering, 2020, 8, 9926-9936.	6.7	22
16	Weak Interaction of the Antimetabolite Drug Methotrexate with a Cavitand Derivative. International Journal of Molecular Sciences, 2020, 21, 4345.	4.1	5
17	Environmental sustainability assessment of a biomass-based chemical industry in the Visegrad countries: Czech Republic, Hungary, Poland, and Slovakia. Chemical Papers, 2020, 74, 3067-3076.	2.2	0
18	Facile, Highâ€Yielding Synthesis of 4â€Functionalised 1,2,3â€Triazoles via Aminoâ€and Aryloxycarbonylation. ChemistrySelect, 2020, 5, 448-451.	1.5	5

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19	Solvent Switched Weak Interaction of a 4-Quinazolinone with a Cavitand Derivative. Molecules, 2020, 25, 1915.	3.8	2
20	Isobaric Vaporâ€“Liquid Equilibria of Binary Mixtures of Î³-Valerolactone + Acetone and Ethyl Acetate. Journal of Chemical & Engineering Data, 2020, 65, 419-425.	1.9	6
21	Functionalisation of the uracil ring via palladium-catalysed aminocarbonylation. Tetrahedron, 2019, 75, 4632-4639.	1.9	5
22	Continuous flow hydrogenation of methyl and ethyl levulinate: an alternative route to Î³ -valerolactone production. Royal Society Open Science, 2019, 6, 182233.	2.4	11
23	Synthesis of 5â€Carboxamidotriazoles via Azideâ€Alkyne Cycloadditionâ€“Aminocarbonylation Sequence. ChemistrySelect, 2019, 4, 5527-5530.	1.5	5
24	Modular Synthesis of Î³-Valerolactone-Based Ionic Liquids and Their Application as Alternative Media for Copper-Catalyzed Ullmann-type Coupling Reactions. ACS Sustainable Chemistry and Engineering, 2018, 6, 5097-5104.	6.7	23
25	Conservative evolution and industrial metabolism in Green Chemistry. Green Chemistry, 2018, 20, 2171-2191.	9.0	45
26	The Use of Switchable Polarity Solvents for the Synthesis of 16â€Arylidene Steroids via Claisenâ€“Schmidt Condensation. European Journal of Organic Chemistry, 2018, 2018, 3236-3244.	2.4	9
27	Heterogeneous azide-alkyne cycloaddition in the presence of a copper catalyst supported on an ionic liquid polymer/silica hybrid material. Applied Organometallic Chemistry, 2018, 32, e4343.	3.5	13
28	Catalytic Conversion of Carbohydrates to Initial Platform Chemicals: Chemistry and Sustainability. Chemical Reviews, 2018, 118, 505-613.	47.7	898
29	Influence of base additives on the selectivity of palladium-catalysed aminocarbonylation: Highly selective functionalization of a cavitand scaffold. Molecular Catalysis, 2018, 444, 70-75.	2.0	3
30	Computational Characterization of Bidentate P-Donor Ligands: Direct Comparison to Tolmanâ€™s Electronic Parameters. Molecules, 2018, 23, 3176.	3.8	20
31	Palladium-Catalyzed Synthesis of Amidines via tert-Butyl isocyanide Insertion. ACS Omega, 2018, 3, 16118-16126.	3.5	4
32	A novel Pd-catalysed sequential carbonylation/cyclization approach toward bis- N -heterocycles: rationalization by electronic structure calculations. Royal Society Open Science, 2018, 5, 181140.	2.4	6
33	Novel synthesis of 3-carboxamidolactam derivatives via palladium-catalysed aminocarbonylation. Tetrahedron, 2018, 74, 6116-6128.	1.9	8
34	Carboxamido steroids inhibit the opening properties of transient receptor potential ion channels by lipid raft modulation. Journal of Lipid Research, 2018, 59, 1851-1863.	4.2	21
35	4â€Aminoâ€TEMPO as Nâ€Nucleophile in Palladiumâ€Catalyzed Aminocarbonylation. Journal of Heterocyclic Chemistry, 2017, 54, 634-640.	2.6	3
36	Ruthenium-catalyzed solvent-free conversion of furfural to furfuryl alcohol. RSC Advances, 2017, 7, 3331-3335.	3.6	34

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37	Vaporâ€“Liquid Equilibrium of Î³-Valerolactone and Formic Acid at p = 51 kPa. Journal of Chemical & Engineering Data, 2017, 62, 1058-1062.	1.9	11
38	Microwaveâ€Assisted Valorization of Biowastes to Levulinic Acid. ChemistrySelect, 2017, 2, 1375-1380.	1.5	27
39	Sustainability Metrics for Biomass-Based Carbon Chemicals. ACS Sustainable Chemistry and Engineering, 2017, 5, 2734-2740.	6.7	47
40	Palladium-catalysed aminocarbonylation of diiodopyridines. Tetrahedron, 2017, 73, 2131-2138.	1.9	14
41	Theoretical insights into the nature of Ptï£¿Sn bond: Reevaluating the bonding/backâ€bonding properties of trichlorostannate with comparison to the cyano ligand. Journal of Computational Chemistry, 2017, 38, 1712-1726.	3.3	6
42	Synthesis of 16Î±-amino-pregnenolone derivatives via ionic liquid-catalyzed aza-Michael addition and their evaluation as C 17,20 -lyase inhibitors. Steroids, 2017, 123, 61-66.	1.8	10
43	Stability of gamma-valerolactone under neutral, acidic, and basic conditions. Structural Chemistry, 2017, 28, 423-429.	2.0	57
44	Palladium-Mediated Catalysis Leads to Intramolecular Narcissistic Self-Sorting on a Cavitand Platform. Journal of Organic Chemistry, 2017, 82, 390-396.	3.2	7
45	Viable pathways for the oxidative addition of iodobenzene to palladium(0)-triphenylphosphine-carbonyl complexes: a theoretical study. Dalton Transactions, 2017, 46, 15789-15802.	3.3	12
46	The Role of Weak Interactions in Supramolecular Compounds: A Synthetic and Theoretical Study of Novel Elongated Cavitands. ChemistrySelect, 2017, 2, 8337-8345.	1.5	5
47	Nature of the Metalâ€Ligand Interactions in Complexes M(PH₃)₂(Î·²â€L) (M=Ni, Pd, Pt; L=CO₂, COS,) Tj ETQq1 1 0.784314 rgBT /O		
48	Asymmetric Hydroformylation of 4â€Vinylâ€1,3â€dioxolanâ€2â€one. Journal of Heterocyclic Chemistry, 2017, 54, 1430-1436.	2.6	4
49	Relationship of QTAIM and NOCV Descriptors with Tolmanâ€™s Electronic Parameter. Advances in Chemistry, 2016, 2016, 1-7.	1.1	3
50	Synthesis of Pyridazine Dicarboxamides via Highly Selective Palladiumâ€catalyzed Aminocarbonylation. Journal of Heterocyclic Chemistry, 2016, 53, 2020-2024.	2.6	5
51	Synthesis of amino-substituted pyridylglyoxylamides via palladium-catalysed aminocarbonylation. Tetrahedron, 2016, 72, 3063-3067.	1.9	9
52	Application of Î³â€Valerolactone as an Alternative Biomassâ€Based Medium for Aminocarbonylation Reactions. ChemPlusChem, 2016, 81, 1224-1229.	2.8	37
53	Isobaric Vaporâ€“Liquid Equilibria for Binary Mixtures of Î³-Valerolactone + Methanol, Ethanol, and 2-Propanol. Journal of Chemical & Engineering Data, 2016, 61, 3326-3333.	1.9	23
54	Substituent effects in aminocarbonylation of para -substituted iodobenzenes. Tetrahedron, 2016, 72, 7509-7516.	1.9	12

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55	Light-Enhanced Fluorescence of Multi-Level Cavitands Possessing Pyridazine Upper rim. Journal of Fluorescence, 2016, 26, 679-688.	2.5	8
56	Competitive processes associated to the interaction of a cavitand derivative with caffeic acid. Supramolecular Chemistry, 2016, 28, 582-588.	1.2	2
57	A step towards hydroformylation under sustainable conditions: platinum-catalysed enantioselective hydroformylation of styrene in gamma-valerolactone. Green Chemistry, 2016, 18, 842-847.	9.0	69
58	Synthesis of novel 13Î±-18-norandrostaneâ€“ferrocene conjugates via homogeneous catalytic methods and their investigation on TRPV1 receptor activation. Steroids, 2015, 104, 284-293.	1.8	9
59	Electrochemical Experimental Study for the Characterization of Tetraferrocenylâ€Cavitand, Synthetized in Clickâ€Reaction. Electroanalysis, 2015, 27, 38-41.	2.9	1
60	Novel Platinum(II)â€”Complexes Incorporating Optically Active P-Heterocycles as the Ligands. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 821-823.	1.6	1
61	Oneâ€Step Synthesis of Dicarboxamides through Pdâ€Catalysed Aminocarbonylation with Diamines as Nâ€Nucleophiles. European Journal of Organic Chemistry, 2015, 2015, 1840-1847.	2.4	17
62	Synthesis and Electrochemical Properties of the Tetraferrocenylâ€Cavitand in Dimethyl Formamide Solvent Using Platinum and Carbon Working Electrodes. Electroanalysis, 2015, 27, 799-807.	2.9	2
63	Direct asymmetric reduction of levulinic acid to gamma-valerolactone: synthesis of a chiral platform molecule. Green Chemistry, 2015, 17, 5189-5195.	9.0	70
64	Hydrophobic cyanine dye-doped micelles for optical in vivo imaging of plasma leakage and vascular disruption. Journal of Biomedical Optics, 2015, 20, 1.	2.6	14
65	High-yielding synthesis of deepened cavitands bearing picolyl moieties on the upper rim. Tetrahedron, 2015, 71, 2555-2560.	1.9	4
66	Catalytic transfer hydrogenation in Î³-valerolactone-based ionic liquids. RSC Advances, 2015, 5, 72529-72535.	3.6	20
67	Estimation of Bite Angle Effect on the Electronic Structure of Cobalt-Phosphine Complexes: A QTAIM Study. Journal of Quantum Chemistry, 2014, 2014, 1-5.	0.9	2
68	Selective Conversion of Levulinic and Formic Acids to Î³-Valerolactone with the Shvo Catalyst. Organometallics, 2014, 33, 181-187.	2.3	128
69	Synthesis of N-picolylcarboxamides via palladium-catalysed aminocarbonylation of iodobenzene and iodoalkenes. Tetrahedron, 2014, 70, 218-224.	1.9	18
70	Production of platform molecules from sweet sorghum. RSC Advances, 2014, 4, 2081-2088.	3.6	27
71	Influence of the 4-Substituents on the Reversal of Enantioselectivity in the Asymmetric Hydroformylation of 4-Substituted Styrenes with PtCl(SnCl₃)[(2S,4S)-BDPP]. Organometallics, 2014, 33, 1389-1396.	2.3	18
72	An improved catalytic system for the reduction of levulinic acid to Î³-valerolactone. Catalysis Science and Technology, 2014, 4, 2908-2912.	4.1	72

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73	Synthesis of Î³-valerolactone using a continuous-flow reactor. RSC Advances, 2013, 3, 16283.	3.6	58
74	Synthesis of elongated cavitands via click reactions and their use as chemosensors. Tetrahedron, 2013, 69, 8186-8190.	1.9	11
75	High-yielding synthesis of 1-carboxamido-3,4-dihydronaphthalenes via palladium-catalyzed aminocarbonylation. Tetrahedron, 2013, 69, 500-504.	1.9	4
76	Microwave-assisted conversion of carbohydrates to levulinic acid: an essential step in biomass conversion. Green Chemistry, 2013, 15, 439-445.	9.0	188
77	A systematic approach to the synthesis of androstane-based 3,17-dicarboxamides (homo- and mixed) Tj ETQq1 1 0.784314 rgBT /Ove	1.8	7
78	Mechanism of the Platinum/Tin-Catalyzed Asymmetric Hydroformylation of Styrene: A Detailed Computational Investigation of the Chiral Discrimination. Organometallics, 2013, 32, 3640-3650.	2.3	16
79	Rhodium-catalyzed hydrogenation of olefins in Î³-valerolactone-based ionic liquids. Green Chemistry, 2013, 15, 1857.	9.0	50
80	The role of the solvation shell decomposition of alkali metal ions in their selective complexation by resorcinarene and its cavitand. Supramolecular Chemistry, 2012, 24, 374-378.	1.2	8
81	Density Functional Study on the Mechanism of Nickel-Mediated Diazo Carbonylation. Organometallics, 2012, 31, 8082-8097.	2.3	13
82	Functionalization of the pyridazin-3(2H)-one ring via palladium-catalysed aminocarbonylation. Tetrahedron, 2012, 68, 7855-7860.	1.9	5
83	Efficient catalytic hydrogenation of levulinic acid: a key step in biomass conversion. Green Chemistry, 2012, 14, 2057.	9.0	128
84	Highly selective palladium-catalyzed aminocarbonylation and cross-coupling reactions on a cavitand scaffold. Tetrahedron, 2012, 68, 2657-2661.	1.9	21
85	Facile, high-yielding synthesis of deepened cavitands: a synthetic and theoretical study. Supramolecular Chemistry, 2011, 23, 710-719.	1.2	15
86	Synthesis of tetrahydrophthalazine and phthalamide (phthalimide) derivatives via palladium-catalysed carbonylation of iodoarenes. Tetrahedron, 2011, 67, 9122-9128.	1.9	25
87	High-yielding synthesis of 1-isoindolinone derivatives via palladium-catalysed cycloaminocarbonylation. Tetrahedron, 2011, 67, 1036-1040.	1.9	44
88	Synthesis of (E)-2-(1-ferrocenylmethylidene)malonic acid derivatives by a cobalt-catalyzed domino reaction of ethyl diazoacetate, carbon monoxide and ferrocenylimines. Journal of Organometallic Chemistry, 2011, 696, 1394-1403.	1.8	14
89	Palladium-catalysed reactions of 8-hydroxy- and 8-benzyloxy-5,7-diiodoquinoline under aminocarbonylation conditions. Tetrahedron, 2011, 67, 2402-2406.	1.9	15
90	Platinum(II) Complexes of P(III)-Heterocycles. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 847-849.	1.6	0

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91	High-yielding synthesis of Weinreb amides via homogeneous catalytic carbonylation of iodoalkenes and iodoarenes. Tetrahedron, 2010, 66, 4479-4483.	1.9	24
92	Investigation of Oxidoreductase Enzyme Catalysis in Water-Ionic Liquid (IL) Solvent Mixtures. Analytical Letters, 2010, 43, 1734-1745.	1.8	8
93	Thermodynamics of the Solvation of Carbon Nanotubes: Exchange of Aniline to Primary Alcohols on the Surface of Carbon Nanotubes. Fullerenes Nanotubes and Carbon Nanostructures, 2010, 18, 207-215.	2.1	2
94	Novel 13Î²- and 13Î±-d-homo steroids: 17a-carboxamido-d-homoestra-1,3,5(10),17-tetraene derivatives via palladium-catalyzed aminocarbonylations. Steroids, 2010, 75, 1075-1081.	1.8	10
95	Synthesis of 2-naphthylacrylamides and 2-naphthylacrylates via homogeneous catalytic carbonylation of 1-iodo-1-naphthylethene derivatives. Tetrahedron, 2009, 65, 4795-4800.	1.9	10
96	Temperature-dependent solvent effect on the kinetic energy distribution on p-cresol molecule as building block of calixarene capsules. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2009, 64, 283-288.	1.6	3
97	Synthesis of new steroidal derivatives by the reaction of steroidâ€“amino acid conjugates with N,Nâ€²-dicyclohexyl-carbodiimide. Unusual formation of steroidal imide derivatives. Tetrahedron, 2009, 65, 4659-4663.	1.9	3
98	Synthesis of Ferrocenoyl L-Arginine Derivatives by Homogeneous Catalytic Carbonylation. Synthetic Communications, 2009, 39, 887-895.	2.1	2
99	The synthesis of 13Î±-androsta-5,16-diene derivatives with carboxylic acid, ester and carboxamido functionalities at position-17 via palladium-catalyzed carbonylation. Steroids, 2009, 74, 419-423.	1.8	16
100	Synthesis of Ortho-alkoxy-aryl Carboxamides via Palladium-Catalyzed Aminocarbonylation. Synthetic Communications, 2009, 39, 1534-1548.	2.1	17
101	The formation of Pt(Pâ€“P)(X)(COAr) (X=Cl, I; Ar=Ph, 2-Tioph) complexes via insertion of carbon monoxide. Transition Metal Chemistry, 2008, 33, 317-321.	1.4	0
102	Integration of Homogeneous and Heterogeneous Catalytic Processes for a Multi-step Conversion of Biomass: From Sucrose to Levulinic Acid, Î³-Valerolactone, 1,4-Pentanediol, 2-Methyl-tetrahydrofuran, and Alkanes. Topics in Catalysis, 2008, 48, 49-54.	2.8	427
103	Effect of covalent functionalization of C60 fullerene on its encapsulation by water soluble calixarenes. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2008, 60, 71-78.	1.6	15
104	Facile synthesis of 1,8-naphthalimides in palladium-catalysed aminocarbonylation of 1,8-diiodo-naphthalene. Tetrahedron, 2008, 64, 983-987.	1.9	31
105	High-yielding synthesis of 2-arylacrylamides via homogeneous catalytic aminocarbonylation of Î±-iodostyrene and Î±,Î±â€²-diiodo-1,4-divinylbenzene. Tetrahedron, 2008, 64, 61-66.	1.9	28
106	Homogeneous catalytic aminocarbonylation of 1-iodo-1-dodecene. The facile synthesis of odd-number carboxamides via palladium-catalysed aminocarbonylation. Tetrahedron, 2008, 64, 9874-9878.	1.9	12
107	The synthesis of 17-alkoxycarbonyl- and 17-carboxamido-13Î±-estra-1,3,5(10),16-tetraene derivatives via palladium-catalyzed carbonylation reactions. Steroids, 2008, 73, 669-675.	1.8	12
108	Î³-Valerolactoneâ€”a sustainable liquid for energy and carbon-based chemicals. Green Chemistry, 2008, 10, 238-242.	9.0	864

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109	Permittivityâ€dependent Carrier Behavior of Aniline Derivatives Toward Common Lowâ€permittivity Solvents in the Solubilization of Carbon Nanotubes. Fullerenes Nanotubes and Carbon Nanostructures, 2008, 16, 247-257.	2.1	4
110	Aminocarbonylation of 2-Iodothiophene: High-Yielding Synthesis of Thiophen-2-yl-glyoxylamides. Letters in Organic Chemistry, 2007, 4, 590-594.	0.5	5
111	Facile Synthesis of Unsymmetrical 1,nâ€²-Disubstituted Ferrocenoyl Amino Acid Derivatives by Palladium-Catalyzed Aminocarbonylation. Synthesis, 2007, 2007, 1456-1458.	2.3	4
112	High-Yielding Aminocarbonylation of 3-Iodo-2-Tropene by Using Amino Acid Esters as N-Nucleophiles. Letters in Organic Chemistry, 2007, 4, 236-238.	0.5	9
113	Facile synthesis of 11-carboxamido-androst-4,9(11)-dienes via palladium-catalyzed aminocarbonylation. Steroids, 2007, 72, 627-632.	1.8	19
114	Homogeneous catalytic aminocarbonylation of nitrogen-containing iodo-heteroaromatics. Synthesis of N-substituted nicotinamide related compounds. Tetrahedron, 2007, 63, 10372-10378.	1.9	33
115	Facile synthesis of primary amides and ketoamides via a palladium-catalysed carbonylationâ€“deprotection reaction sequence. Tetrahedron Letters, 2007, 48, 2453-2456.	1.4	66
116	Insertion of ethyl diazoacetate into the platinumâ€“carbon bond of Pt(diphosphine)(halide)(aryl) 746-752.	1.4	5
117	Competitive thermodynamic and kinetic processes during dissociation of some host-guest complexes of calix[4]arene derivatives. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2007, 59, 251-256.	1.6	6
118	Facile synthesis of 12-carboxamido-11-spirostenes via palladium-catalyzed carbonylation reactions. Steroids, 2006, 71, 875-879.	1.8	28
119	Prolinates as Secondary Amines in Aminocarbonylation: Synthesis of NAcylated Prolinates. Letters in Organic Chemistry, 2006, 3, 62-67.	0.5	21
120	Carbonylative and direct Suzukiâ€“Miyaura cross-coupling reactions with 1-iodo-cyclohexene. Journal of Molecular Catalysis A, 2006, 255, 97-102.	4.8	29
121	Palladium-catalysed carbonylation of 4-substituted 2-iodoaniline derivatives: carbonylative cyclisation and aminocarbonylation. Tetrahedron, 2006, 62, 12051-12056.	1.9	33
122	Formation of intramolecular hydrogen bonds in heterodisubstituted ferrocene diamides with a secondary and a tertiary amido group: X-ray structure of 1â€²-(Nâ€²-butyl-carbamoyl)-morpholino ferrocenecarboxamide. Journal of Organometallic Chemistry, 2006, 691, 3037-3042.	1.8	8
123	The Effect of the Electron Density Distribution of Guest on the Entropy Change During Complex Formation of Calix[]arene Hexasulfonate Host with ortho- and para-cresols as Guests. Supramolecular Chemistry, 2006, 18, 245-250.	1.2	4
124	Stereoselective Synthesis of Androstaneâ€Based Steroidal Phosphine Oxides Possessing the 16Î±â€Diphenylphosphinyl Moiety. Synthetic Communications, 2006, 36, 2825-2832.	2.1	4
125	The Rate of Host-guest Complex Formation of Some Calixarene Derivatives Towards Neutral Aromatic Guests. Supramolecular Chemistry, 2006, 18, 251-256.	1.2	12
126	Homogeneous catalytic aminocarbonylation of iodoalkenes and iodobenzene with amino acid esters under conventional conditions and in ionic liquids. Tetrahedron, 2005, 61, 797-802.	1.9	62

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127	Synthesis of ferrocenoyl amino acid derivatives via homogeneous catalytic aminocarbonylation. Journal of Organometallic Chemistry, 2005, 690, 3237-3242.	1.8	18
128	The formation of [PtCl(diphosphine-I)(Î²1-diphosphine-II)]+ species in the N-butyl-Nâ€²-methylimidazolium hexafluorophosphate ionic liquid: An NMR study. Journal of Coordination Chemistry, 2005, 58, 869-874.	2.2	9
129	Aminocarbonylation of 1,1â€²-diiodoferrocene, two-step synthesis of heterodisubstituted ferrocene derivatives via homogeneous catalytic carbonylation/coupling reactions. Journal of Organometallic Chemistry, 2004, 689, 2770-2775.	1.8	23
130	Increased Complexation Ability of Water-Soluble Calix[4]resorcinarene Octacarboxylate toward Phenol by the Assistance of Fe(II) Ions. Journal of Physical Chemistry B, 2004, 108, 15519-15522.	2.6	13
131	Complex Formation of Fe(II) and Fe(III) Ions with OctafunctionalizedC-Methyl-calix[4]resorcinarene Possessing â¯OCH2COOH (K) Moieties. Journal of Physical Chemistry B, 2003, 107, 4727-4731.	2.6	17
132	Palladium-catalysed aminocarbonylation of steroidal 17-iodo-androst-16-ene derivatives in N,Nâ€²-dialkyl-imidazolium-type ionic liquids. Green Chemistry, 2003, 5, 643-645.	9.0	51
133	Synthesis of Ferrocene Amides and Î±-Ketoamides via Palladium-Catalyzed Homogeneous Carbonylation Reaction. Synthesis, 2003, 2003, 0545-0550.	2.3	4
134	A Novel Reaction between the P=O Group of Cyclic 2,4,6-Trialkylphenylphosphine Oxides and Dimethyl Acetylenedicarboxylate (DMAD). Phosphorus, Sulfur and Silicon and the Related Elements, 2002, 177, 1681-1684.	1.6	4
135	Synthesis of steroidal diacyl hydrazines and their 1,3,4-oxadiazole derivatives. Steroids, 2002, 67, 581-586.	1.8	21
136	Facile synthesis of 17-formyl steroids via palladium-catalyzed homogeneous carbonylation reaction. Steroids, 2002, 67, 777-781.	1.8	10
137	Facile synthesis of novel ferrocene Î±-ketoamides via homogeneous catalytic carbonylation. Tetrahedron Letters, 2001, 42, 739-741.	1.4	29
138	Palladium-Catalysed Vinylic Substitution of Aryl/Vinyl Iodides and Triflates with Î±-Methylene-Î³-butyrolactone â¯ An Application to the Synthesis of 3-Alkyl-Î³-Butyrolactones through Combined Palladium-Catalysed Coupling/Hydrogenation Reactions. European Journal of Organic Chemistry, 2001, 2001, 3165.	2.4	22
139	FACILE, HIGH-YIELDING SYNTHESIS OF STEROIDAL CROWN ETHERS VIA PALLADIUM-CATALYZED CARBONYLATION REACTION. Synthetic Communications, 2001, 31, 335-341.	2.1	20
140	Facile Synthesis of Steroidal Phenyl Ketones via Homogeneous Catalytic Carbonylation. Tetrahedron, 2000, 56, 3415-3418.	1.9	34
141	Highly Efficient Synthesis of Steroidal Hydroxamic Acid Derivatives via Homogeneous Catalytic Carbonylation Reaction. Tetrahedron, 2000, 56, 5253-5257.	1.9	15
142	Synthesis, Characterization, and Catalytic Activity of Rh(I) Complexes with (S)- BINAPO, an Axially Chiral Inducer Capable of Hemilabile P,O-Heterobidentate Coordination. Monatshefte FÃ¼r Chemie, 2000, 131, 1351-1361.	1.8	19
143	Novel Method for the High-Yielding Synthesis of Steroidal Hydroxamic acid Derivatives. Synthetic Communications, 2000, 30, 1945-1953.	2.1	12
144	Platinum Complexes of Phospholes with Reduced Pyramidal Character. Phosphorus, Sulfur and Silicon and the Related Elements, 1999, 147, 157-157.	1.6	0

#	Article	IF	Citations
145	Homogeneous coupling and carbonylation reactions of steroids possessing iodoalkene moieties. Catalytic and mechanistic aspects. Journal of Organometallic Chemistry, 1999, 586, 94-100.	1.8	6
146	NMR investigation of Pd(II)â€“Pd(0) reduction in the presence of mono- and ditertiary phosphines. Inorganica Chimica Acta, 1999, 286, 93-97.	2.4	111
147	Synthesis of N-Substituted Steroidal Hydrazides in Homogeneous Catalytic Hydrazinocarbonylation Reaction. Journal of Organic Chemistry, 1999, 64, 2134-2136.	3.2	27
148	Cycloaddition of Nitrosoaromatics with Steroidal Dienes:Â Unexpected Dependence of the Chemoselectivity on the Aryl Ring Substituent. Journal of Organic Chemistry, 1999, 64, 5921-5925.	3.2	16
149	Formation of Platinumâ€“Tin Bond by Tin(II)Chloride Insertion. Journal of Cluster Science, 1998, 9, 321-328.	3.3	11
150	Synthetic and NMR Studies on Calix[n]Arene (n = 4,6,8) Triflates, Mesylates, and Tosylates. Supramolecular Chemistry, 1998, 10, 69-77.	1.2	11
151	Synthesis, Structure, and Dynamic Behaviour of Transition Metal Chelate Complexes with Atropisomeric Dithioether Ligands. European Journal of Inorganic Chemistry, 1998, 1998, 113-118.	2.0	20
152	Synthesis of Pentacyclic Steroids via Tandem Stille Coupling and Dielsâ^'Alder Reactions. Journal of Organic Chemistry, 1997, 62, 1326-1332.	3.2	27
153	Facile, high-yielding synthesis of steroidal hydrazides via homogeneous hydrazinocarbonylation reaction. Tetrahedron Letters, 1997, 38, 4467-4468.	1.4	9
154	Asymmetric hydroformylation of mono- and sesquiterpenes. Chirality, 1995, 7, 121-127.	2.6	26
155	Asymmetric hydroformylation of styrene catalysed by platinum-tin complexes with chiral bis-binaphthophosphole ligands. Journal of Organometallic Chemistry, 1995, 491, 91-96.	1.8	57
156	Direct and carbonylative vinylation of steroidal triflates in the presence of homogeneous palladium catalysts. Steroids, 1994, 59, 691-695.	1.8	15
157	CO Insertion in Four-Coordinate cis-Methyl(carbonyl)platinum-Diphosphine Compounds. An Ionic Mechanism for Platinum-Diphosphine-Catalyzed Hydroformylation. Inorganic Chemistry, 1994, 33, 5708-5712.	4.0	64
158	Highly stereoselective hydroformylation of a (2R)-2-tert-butyl-Î”4-1,3-oxazoline derivative. Journal of Organometallic Chemistry, 1993, 445, 257-259.	1.8	12
159	Platinum-catalysed enantioselective hydroformylation of styrene. Platinum-diphosphine-tin(II) fluoride catalytic system: a novel asymmetric hydroformylation catalyst. Journal of Organometallic Chemistry, 1993, 453, 155-158.	1.8	47
160	Functionalization of the estrone skeleton via homogeneous coupling and hydroformylation reactions. Journal of Organometallic Chemistry, 1993, 453, 159-162.	1.8	18
161	Asymmetric hydroformylation of deltacyclene. Tetrahedron: Asymmetry, 1992, 3, 1011-1014.	1.8	9
162	Highly selective hydroformylation and dimerization reactions of 2-ferrocenylpropene. Journal of Organometallic Chemistry, 1992, 441, 117-123.	1.8	8

#	Article	IF	Citations
163	Temperature dependence of the enantioselective hydroformylation with PtCl2[(S)-BINAP] + SnCl2 catalyst and the dynamic NMR study of the catalytic precursor. Journal of Molecular Catalysis, 1991, 67, 191-198.	1.2	51
164	A possible way for the introduction of Î±- and Î²-formyl-ethyl-substituents into the steroid-skeleton via coupling and carbonylation reactions. Tetrahedron: Asymmetry, 1991, 2, 633-634.	1.8	20
165	Hydroformylation of chiral terpenes with PtCl(SnCl3)-(bis-phosphine) as catalyst. Journal of Organometallic Chemistry, 1990, 385, 147-152.	1.8	37
166	The role of additives in platinum-catalyzed hydroformylation. Journal of Organometallic Chemistry, 1990, 393, 153-158.	1.8	35
167	Asymmetric hydroformylation with Pt-phosphine-SnCl2 and Pt-bisphosphine-CuCl2 (or CuCl) catalytic systems. Journal of Organometallic Chemistry, 1989, 370, 257-261.	1.8	64
168	Temperature dependence of the asymmetric induction in the PtCl(SnCl3)[(â^')-(2S,4S)-2,4-bis(diphenylphosphino)pentane]-catalyzed enantioselective hydroformylation reaction. Journal of Organometallic Chemistry, 1988, 350, 277-284.	1.8	95
169	Asymmetric hydroformylation of unsaturated esters with PtCl(SnCl3)[(R,R)-Diop] catalyst. Journal of Organometallic Chemistry, 1987, 330, 305-314.	1.8	88
170	Recent Developments in Alkyne Carbonylation. , 0, , 251-290.		4
171	Catalytic Carbonylations in Ionic Liquids. , 0, , 135-159.		2
172	Reactivity of Pincer Complexes Toward Carbon Monoxide. , 0, , 27-64.		4
173	Carbonylation of Enolizable Ketones (Enol Triflates) and Iodoalkenes. , 0, , 223-250.		11
174	Enantioselective Carbonylation Reactions. , 0, , 65-92.		10
175	Palladium-Assisted Synthesis of Heterocycles via Carbonylation Reactions. , 0, , 321-362.		7
176	Carbonylation of Allenes. , 0, , 291-300.		5
177	Recent Advances in Two-Phase Carbonylation. , 0, , 115-134.		1
178	Carbonylation of Diazoalkanes. , 0, , 199-221.		6
179	Homogeneous Carbonylation Reactions in the Synthesis of Compounds of Pharmaceutical Importance. , 0, , 301-320.		6