

Lszl Kollr

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175
papers

4,650
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30
h-index

63
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187
ext. papers

5,283
ext. citations

3.5
avg, IF

5.84
L-index

#	Paper	IF	Citations
175	γ-Valerolactone – sustainable liquid for energy and carbon-based chemicals. <i>Green Chemistry</i> , 2008 , 10, 238-242	10	752
174	Catalytic Conversion of Carbohydrates to Initial Platform Chemicals: Chemistry and Sustainability. <i>Chemical Reviews</i> , 2018 , 118, 505-613	68.1	582
173	Integration of Homogeneous and Heterogeneous Catalytic Processes for a Multi-step Conversion of Biomass: From Sucrose to Levulinic Acid, γ-Valerolactone, 1,4-Pentanediol, 2-Methyl-tetrahydrofuran, and Alkanes. <i>Topics in Catalysis</i> , 2008 , 48, 49-54	2.3	386
172	Microwave-assisted conversion of carbohydrates to levulinic acid: an essential step in biomass conversion. <i>Green Chemistry</i> , 2013 , 15, 439-445	10	158
171	Efficient catalytic hydrogenation of levulinic acid: a key step in biomass conversion. <i>Green Chemistry</i> , 2012 , 14, 2057	10	123
170	Selective Conversion of Levulinic and Formic Acids to γ-Valerolactone with the Shvo Catalyst. <i>Organometallics</i> , 2014 , 33, 181-187	3.8	117
169	NMR investigation of Pd(II)/Pd(0) reduction in the presence of mono- and ditertiary phosphines. <i>Inorganica Chimica Acta</i> , 1999 , 286, 93-97	2.7	93
168	Temperature dependence of the asymmetric induction in the PtCl(SnCl ₃)[(P(2S,4S)-2,4-bis(diphenylphosphino)pentane]-catalyzed enantioselective hydroformylation reaction. <i>Journal of Organometallic Chemistry</i> , 1988 , 350, 277-284	2.3	88
167	Asymmetric hydroformylation of unsaturated esters with PtCl(SnCl ₃)[(R,R)-Diop] catalyst. <i>Journal of Organometallic Chemistry</i> , 1987 , 330, 305-314	2.3	84
166	Direct asymmetric reduction of levulinic acid to gamma-valerolactone: synthesis of a chiral platform molecule. <i>Green Chemistry</i> , 2015 , 17, 5189-5195	10	65
165	A step towards hydroformylation under sustainable conditions: platinum-catalysed enantioselective hydroformylation of styrene in gamma-valerolactone. <i>Green Chemistry</i> , 2016 , 18, 842-847	19	63
164	An improved catalytic system for the reduction of levulinic acid to γ-Valerolactone. <i>Catalysis Science and Technology</i> , 2014 , 4, 2908-2912	5.5	62
163	Asymmetric hydroformylation with Pt-phosphine-SnCl ₂ and Pt-bisphosphine-CuCl ₂ (or CuCl) catalytic systems. <i>Journal of Organometallic Chemistry</i> , 1989 , 370, 257-261	2.3	61
162	Facile synthesis of primary amides and ketoamides via a palladium-catalysed carbonylation-deprotection reaction sequence. <i>Tetrahedron Letters</i> , 2007 , 48, 2453-2456	2	58
161	Synthesis of γ-Valerolactone using a continuous-flow reactor. <i>RSC Advances</i> , 2013 , 3, 16283	3.7	54
160	Homogeneous catalytic aminocarbonylation of iodoalkenes and iodobenzene with amino acid esters under conventional conditions and in ionic liquids. <i>Tetrahedron</i> , 2005 , 61, 797-802	2.4	54
159	CO Insertion in Four-Coordinate cis-Methyl(carbonyl)platinum-Diphosphine Compounds. An Ionic Mechanism for Platinum-Diphosphine-Catalyzed Hydroformylation. <i>Inorganic Chemistry</i> , 1994 , 33, 5708-5712	5.1	49

158	Asymmetric hydroformylation of styrene catalysed by platinum-tin complexes with chiral bis-binaphthophosphole ligands. <i>Journal of Organometallic Chemistry</i> , 1995 , 491, 91-96	2.3	48
157	Temperature dependence of the enantioselective hydroformylation with PtCl ₂ [(S)-BINAP] + SnCl ₂ catalyst and the dynamic NMR study of the catalytic precursor. <i>Journal of Molecular Catalysis</i> , 1991 , 67, 191-198		45
156	Palladium-catalysed aminocarbonylation of steroidal 17-iodo-androst-16-ene derivatives in N,N'-dialkyl-imidazolium-type ionic liquids. <i>Green Chemistry</i> , 2003 , 5, 643-645	10	44
155	Rhodium-catalyzed hydrogenation of olefins in γ -valerolactone-based ionic liquids. <i>Green Chemistry</i> , 2013 , 15, 1857	10	43
154	Stability of gamma-valerolactone under neutral, acidic, and basic conditions. <i>Structural Chemistry</i> , 2017 , 28, 423-429	1.8	41
153	Platinum-catalysed enantioselective hydroformylation of styrene. Platinum-diphosphine-tin(II) fluoride catalytic system: a novel asymmetric hydroformylation catalyst. <i>Journal of Organometallic Chemistry</i> , 1993 , 453, 155-158	2.3	41
152	Sustainability Metrics for Biomass-Based Carbon Chemicals. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 2734-2740	8.3	40
151	High-yielding synthesis of 1-isoindolinone derivatives via palladium-catalysed cycloaminocarbonylation. <i>Tetrahedron</i> , 2011 , 67, 1036-1040	2.4	38
150	Application of γ -Valerolactone as an Alternative Biomass-Based Medium for Aminocarbonylation Reactions. <i>ChemPlusChem</i> , 2016 , 81, 1224-1229	2.8	33
149	Hydroformylation of chiral terpenes with PtCl(SnCl ₃)-(bis-phosphine) as catalyst. <i>Journal of Organometallic Chemistry</i> , 1990 , 385, 147-152	2.3	33
148	Conservative evolution and industrial metabolism in Green Chemistry. <i>Green Chemistry</i> , 2018 , 20, 2171-2181	10	31
147	Palladium-catalysed carbonylation of 4-substituted 2-iodoaniline derivatives: carbonylative cyclisation and aminocarbonylation. <i>Tetrahedron</i> , 2006 , 62, 12051-12056	2.4	31
146	The role of additives in platinum-catalyzed hydroformylation. <i>Journal of Organometallic Chemistry</i> , 1990 , 393, 153-158	2.3	31
145	Facile Synthesis of Steroidal Phenyl Ketones via Homogeneous Catalytic Carbonylation. <i>Tetrahedron</i> , 2000 , 56, 3415-3418	2.4	29
144	Homogeneous catalytic aminocarbonylation of nitrogen-containing iodo-heteroaromatics. Synthesis of N-substituted nicotinamide related compounds. <i>Tetrahedron</i> , 2007 , 63, 10372-10378	2.4	28
143	Facile synthesis of 1,8-naphthalimides in palladium-catalysed aminocarbonylation of 1,8-diiodo-naphthalene. <i>Tetrahedron</i> , 2008 , 64, 983-987	2.4	26
142	Carbonylative and direct Suzuki-Miyaura cross-coupling reactions with 1-iodo-cyclohexene. <i>Journal of Molecular Catalysis A</i> , 2006 , 255, 97-102		26
141	Facile synthesis of 12-carboxamido-11-spirostenes via palladium-catalyzed carbonylation reactions. <i>Steroids</i> , 2006 , 71, 875-9	2.8	25

140	Asymmetric hydroformylation of mono- and sesquiterpenes. <i>Chirality</i> , 1995 , 7, 121-127	2.1	25
139	Ruthenium-catalyzed solvent-free conversion of furfural to furfuryl alcohol. <i>RSC Advances</i> , 2017 , 7, 3331-3335	3.7	24
138	Production of platform molecules from sweet sorghum. <i>RSC Advances</i> , 2014 , 4, 2081-2088	3.7	24
137	Facile synthesis of novel ferrocene β -ketoamides via homogeneous catalytic carbonylation. <i>Tetrahedron Letters</i> , 2001 , 42, 739-741	2	24
136	Synthesis of Pentacyclic Steroids via Tandem Stille Coupling and Diels-Alder Reactions. <i>Journal of Organic Chemistry</i> , 1997 , 62, 1326-1332	4.2	23
135	High-yielding synthesis of 2-arylacrylamides via homogeneous catalytic aminocarbonylation of <i>p</i> -diiodo-1,4-divinylbenzene. <i>Tetrahedron</i> , 2008 , 64, 61-66	2.4	23
134	Synthesis of N-Substituted Steroidal Hydrazides in Homogeneous Catalytic Hydrazinocarbonylation Reaction. <i>Journal of Organic Chemistry</i> , 1999 , 64, 2134-2136	4.2	23
133	Synthesis of tetrahydrophthalazine and phthalamide (phthalimide) derivatives via palladium-catalysed carbonylation of iodoarenes. <i>Tetrahedron</i> , 2011 , 67, 9122-9128	2.4	21
132	High-yielding synthesis of Weinreb amides via homogeneous catalytic carbonylation of iodoalkenes and iodoarenes. <i>Tetrahedron</i> , 2010 , 66, 4479-4483	2.4	20
131	Catalytic transfer hydrogenation in β -valerolactone-based ionic liquids. <i>RSC Advances</i> , 2015 , 5, 72529-72537	3.7	19
130	Synthesis, Structure, and Dynamic Behaviour of Transition Metal Chelate Complexes with Atropisomeric Dithioether Ligands. <i>European Journal of Inorganic Chemistry</i> , 1998 , 1998, 113-118	2.3	19
129	Prolinates as Secondary Amines in Aminocarbonylation: Synthesis of N-Acylated Prolinates. <i>Letters in Organic Chemistry</i> , 2006 , 3, 62-67	0.6	19
128	Aminocarbonylation of 1,1'-diiodoferrocene, two-step synthesis of heterodisubstituted ferrocene derivatives via homogeneous catalytic carbonylation/coupling reactions. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 2770-2775	2.3	19
127	Synthesis of steroidal diacyl hydrazines and their 1,3,4-oxadiazole derivatives. <i>Steroids</i> , 2002 , 67, 581-6	2.8	19
126	Highly selective palladium-catalyzed aminocarbonylation and cross-coupling reactions on a cavitand scaffold. <i>Tetrahedron</i> , 2012 , 68, 2657-2661	2.4	18
125	Microwave-Assisted Valorization of Biowastes to Levulinic Acid. <i>ChemistrySelect</i> , 2017 , 2, 1375-1380	1.8	17
124	Influence of the 4-Substituents on the Reversal of Enantioselectivity in the Asymmetric Hydroformylation of 4-Substituted Styrenes with PtCl(SnCl ₃)[(2 <i>S</i> ,4 <i>S</i>)-BDPP]. <i>Organometallics</i> , 2014 , 33, 1389-1396	3.8	17
123	Complex Formation of Fe(II) and Fe(III) Ions with Octafunctionalized C-Methyl-calix[4]resorcinarene Possessing DCH_2COOH (K) Moieties. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 4727-4731	3.4	17

122	Palladium-Catalysed Vinylic Substitution of Aryl/Vinyl Iodides and Triflates with β -Methylene- γ -butyrolactone. An Application to the Synthesis of 3-Alkyl- γ -butyrolactones through Combined Palladium-Catalysed Coupling/Hydrogenation Reactions. <i>European Journal of Organic Chemistry</i> , 2001 , 2001, 3165	3.2	17
121	A possible way for the introduction of β - and γ -formyl-ethyl-substituents into the steroid-skeleton via coupling and carbonylation reactions. <i>Tetrahedron: Asymmetry</i> , 1991 , 2, 633-634		17
120	Modular Synthesis of γ -Valerolactone-Based Ionic Liquids and Their Application as Alternative Media for Copper-Catalyzed Ullmann-type Coupling Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 5097-5104	8.3	16
119	Isobaric Vapor-Liquid Equilibria for Binary Mixtures of γ -Valerolactone + Methanol, Ethanol, and 2-Propanol. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 3326-3333	2.8	16
118	Carboxamido steroids inhibit the opening properties of transient receptor potential ion channels by lipid raft modulation. <i>Journal of Lipid Research</i> , 2018 , 59, 1851-1863	6.3	16
117	Mechanism of the Platinum/Tin-Catalyzed Asymmetric Hydroformylation of Styrene: A Detailed Computational Investigation of the Chiral Discrimination. <i>Organometallics</i> , 2013 , 32, 3640-3650	3.8	16
116	Synthesis of ferrocenoyl amino acid derivatives via homogeneous catalytic aminocarbonylation. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 3237-3242	2.3	16
115	FACILE, HIGH-YIELDING SYNTHESIS OF STEROIDAL CROWN ETHERS VIA PALLADIUM-CATALYZED CARBONYLATION REACTION. <i>Synthetic Communications</i> , 2001 , 31, 335-341	1.7	16
114	Synthesis, Characterization, and Catalytic Activity of Rh(I) Complexes with (S)-BINAPO, an Axially Chiral Inducer Capable of Hemilabile P,O-Heterobidentate Coordination. <i>Monatshefte für Chemie</i> , 2000 , 131, 1351-1361	1.4	16
113	Facile synthesis of 11-carboxamido-androst-4,9(11)-dienes via palladium-catalyzed aminocarbonylation. <i>Steroids</i> , 2007 , 72, 627-32	2.8	15
112	Functionalization of the estrone skeleton via homogeneous coupling and hydroformylation reactions. <i>Journal of Organometallic Chemistry</i> , 1993 , 453, 159-162	2.3	15
111	Synthesis of Ortho-alkoxy-aryl Carboxamides via Palladium-Catalyzed Aminocarbonylation. <i>Synthetic Communications</i> , 2009 , 39, 1534-1548	1.7	14
110	Effect of covalent functionalization of C60 fullerene on its encapsulation by water soluble calixarenes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008 , 60, 71-78		14
109	Direct and carbonylative vinylation of steroidal triflates in the presence of homogeneous palladium catalysts. <i>Steroids</i> , 1994 , 59, 691-5	2.8	14
108	Synthesis of N-picolylcarboxamides via palladium-catalysed aminocarbonylation of iodobenzene and iodoalkenes. <i>Tetrahedron</i> , 2014 , 70, 218-224	2.4	13
107	One-Step Synthesis of Dicarboxamides through Pd-Catalysed Aminocarbonylation with Diamines as N-Nucleophiles. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 1840-1847	3.2	13
106	Palladium-catalysed reactions of 8-hydroxy- and 8-benzyloxy-5,7-diiodoquinoline under aminocarbonylation conditions. <i>Tetrahedron</i> , 2011 , 67, 2402-2406	2.4	13
105	Increased Complexation Ability of Water-Soluble Calix[4]resorcinarene Octacarboxylate toward Phenol by the Assistance of Fe(II) Ions. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 15519-15522	3.4	13

104	Homogeneous Pd-Catalyzed Heck Coupling in γ -Valerolactone as a Green Reaction Medium: A Catalytic, Kinetic, and Computational Study. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 9926-9938	8.3	12
103	Facile, high-yielding synthesis of deepened cavitands: a synthetic and theoretical study. <i>Supramolecular Chemistry</i> , 2011 , 23, 710-719	1.8	12
102	The synthesis of 13 α -androsta-5,16-diene derivatives with carboxylic acid, ester and carboxamido functionalities at position-17 via palladium-catalyzed carbonylation. <i>Steroids</i> , 2009 , 74, 419-23	2.8	12
101	Synthesis of (E)-2-(1-ferrocenylmethylidene)malonic acid derivatives by a cobalt-catalyzed domino reaction of ethyl diazoacetate, carbon monoxide and ferrocenylimines. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 1394-1403	2.3	12
100	Carbonylation of Alkenes and Dienes	161-198	12
99	Hydrophobic cyanine dye-doped micelles for optical in vivo imaging of plasma leakage and vascular disruption. <i>Journal of Biomedical Optics</i> , 2015 , 20, 016022	3.5	11
98	Synthetic and NMR Studies on Calix[n]Arene (n = 4,6,8) Triflates, Mesylates, and Tosylates. <i>Supramolecular Chemistry</i> , 1998 , 10, 69-77	1.8	11
97	The synthesis of 17-alkoxycarbonyl- and 17-carboxamido-13 α -estra-1,3,5(10),16-tetraene derivatives via palladium-catalyzed carbonylation reactions. <i>Steroids</i> , 2008 , 73, 669-75	2.8	11
96	The Rate of Host-guest Complex Formation of Some Calixarene Derivatives Towards Neutral Aromatic Guests. <i>Supramolecular Chemistry</i> , 2006 , 18, 251-256	1.8	11
95	Palladium-catalysed aminocarbonylation of diiodopyridines. <i>Tetrahedron</i> , 2017 , 73, 2131-2138	2.4	10
94	Heterogeneous azide-alkyne cycloaddition in the presence of a copper catalyst supported on an ionic liquid polymer/silica hybrid material. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4343	3.1	10
93	Density Functional Study on the Mechanism of Nickel-Mediated Diazo Carbonylation. <i>Organometallics</i> , 2012 , 31, 8082-8097	3.8	10
92	Formation of Platinum-III in Bond by Tin(II)Chloride Insertion. <i>Journal of Cluster Science</i> , 1998 , 9, 321-328	3	10
91	Homogeneous catalytic aminocarbonylation of 1-iodo-1-dodecene. The facile synthesis of odd-number carboxamides via palladium-catalysed aminocarbonylation. <i>Tetrahedron</i> , 2008 , 64, 9874-9878	2.4	10
90	Highly Efficient Synthesis of Steroidal Hydroxamic Acid Derivatives via Homogeneous Catalytic Carbonylation Reaction. <i>Tetrahedron</i> , 2000 , 56, 5253-5257	2.4	10
89	Cycloaddition of Nitrosoaromatics with Steroidal Dienes: Unexpected Dependence of the Chemoselectivity on the Aryl Ring Substituent. <i>Journal of Organic Chemistry</i> , 1999 , 64, 5921-5925	4.2	10
88	Highly stereoselective hydroformylation of a (2R)-2-tert-butyl-4-1,3-oxazoline derivative. <i>Journal of Organometallic Chemistry</i> , 1993 , 445, 257-259	2.3	10
87	Palladium-catalyzed aryloxy- and alkoxycarbonylation of aromatic iodides in γ -valerolactone as bio-based solvent. <i>Journal of Organometallic Chemistry</i> , 2020 , 923, 121407	2.3	10

86	Synthesis of elongated cavitands via click reactions and their use as chemosensors. <i>Tetrahedron</i> , 2013 , 69, 8186-8190	2.4	9
85	Enantioselective Carbonylation Reactions 65-92		9
84	The Formation of [PtCl(diphosphine-I)(II-diphosphine-II)] ⁺ species in the N-butyl-N [?] -methylimidazolium hexafluorophosphate ionic liquid: An NMR study. <i>Journal of Coordination Chemistry</i> , 2005 , 58, 869-874	1.6	9
83	Facile synthesis of 17-formyl steroids via palladium-catalyzed homogeneous carbonylation reaction. <i>Steroids</i> , 2002 , 67, 777-81	2.8	9
82	Computational Characterization of Bidentate P-Donor Ligands: Direct Comparison to Tolman's Electronic Parameters. <i>Molecules</i> , 2018 , 23,	4.8	9
81	Vapor-Liquid Equilibrium of γ -Valerolactone and Formic Acid at p = 51 kPa. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 1058-1062	2.8	8
80	Viable pathways for the oxidative addition of iodobenzene to palladium(0)-triphenylphosphine-carbonyl complexes: a theoretical study. <i>Dalton Transactions</i> , 2017 , 46, 15789-15802	4.3	8
79	Continuous flow hydrogenation of methyl and ethyl levulinate: an alternative route to γ -valerolactone production. <i>Royal Society Open Science</i> , 2019 , 6, 182233	3.3	8
78	Substituent effects in aminocarbonylation of para-substituted iodobenzenes. <i>Tetrahedron</i> , 2016 , 72, 7509-7516	2.4	8
77	Synthesis of novel 13 β -norandrostane-ferrocene conjugates via homogeneous catalytic methods and their investigation on TRPV1 receptor activation. <i>Steroids</i> , 2015 , 104, 284-93	2.8	8
76	The role of the solvation shell decomposition of alkali metal ions in their selective complexation by resorcinarene and its cavitand. <i>Supramolecular Chemistry</i> , 2012 , 24, 374-378	1.8	8
75	Investigation of Oxidoreductase Enzyme Catalysis in Water-Ionic Liquid (IL) Solvent Mixtures. <i>Analytical Letters</i> , 2010 , 43, 1734-1745	2.2	7
74	Synthesis of 2-naphthylacrylamides and 2-naphthylacrylates via homogeneous catalytic carbonylation of 1-iodo-1-naphthylethene derivatives. <i>Tetrahedron</i> , 2009 , 65, 4795-4800	2.4	7
73	Facile, high-yielding synthesis of steroidal hydrazides via homogeneous hydrazinocarbonylation reaction. <i>Tetrahedron Letters</i> , 1997 , 38, 4467-4468	2	7
72	Bite Angle Effects of Diphosphines in Carbonylation Reactions 1-25		7
71	Formation of intramolecular hydrogen bonds in heterodisubstituted ferrocene diamides with a secondary and a tertiary amido group: X-ray structure of 1 [?] -(N [?] -butyl-carbamoyl)-morpholino ferrocenecarboxamide. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 3037-3042	2.3	7
70	Novel Method for the High-Yielding Synthesis of Steroidal Hydroxamic acid Derivatives. <i>Synthetic Communications</i> , 2000 , 30, 1945-1953	1.7	7
69	Asymmetric hydroformylation of deltacyclene. <i>Tetrahedron: Asymmetry</i> , 1992 , 3, 1011-1014		7

68	Highly selective hydroformylation and dimerization reactions of 2-ferrocenylpropene. <i>Journal of Organometallic Chemistry</i> , 1992 , 441, 117-123	2.3	7
67	The Use of Switchable Polarity Solvents for the Synthesis of 16-Arylidene Steroids via Claisen-Schmidt Condensation. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 3236-3244	3.2	6
66	Novel 13 β and 13 α -homo steroids: 17 α -carboxamido-D-homoestra-1,3,5(10),17-tetraene derivatives via palladium-catalyzed aminocarbonylations. <i>Steroids</i> , 2010 , 75, 1075-81	2.8	6
65	Microwave-Promoted Carbonylations 93-114		6
64	Synthesis of 16 β -amino-pregnenolone derivatives via ionic liquid-catalyzed aza-Michael addition and their evaluation as C-lyase inhibitors. <i>Steroids</i> , 2017 , 123, 61-66	2.8	5
63	Light-Enhanced Fluorescence of Multi-Level Cavitands Possessing Pyridazine Upper rim. <i>Journal of Fluorescence</i> , 2016 , 26, 679-88	2.4	5
62	A systematic approach to the synthesis of androstane-based 3,17-dicarboxamides (homo- and mixed dicarboxamides) via palladium-catalyzed aminocarbonylation. <i>Steroids</i> , 2013 , 78, 693-9	2.8	5
61	Carbonylation of Enolizable Ketones (Enol Triflates) and Iodoalkenes 223-250		5
60	Carbonylation of Diazoalkanes 199-221		5
59	High-Yielding Aminocarbonylation of 3-Iodo-2-Tropene by Using Amino Acid Esters as N-Nucleophiles. <i>Letters in Organic Chemistry</i> , 2007 , 4, 236-238	0.6	5
58	Synthesis of amino-substituted pyridylglyoxylamides via palladium-catalysed aminocarbonylation. <i>Tetrahedron</i> , 2016 , 72, 3063-3067	2.4	5
57	Theoretical insights into the nature of Pt-Sn bond: Reevaluating the bonding/back-bonding properties of trichlorostannate with comparison to the cyano ligand. <i>Journal of Computational Chemistry</i> , 2017 , 38, 1712-1726	3.5	4
56	Palladium-Mediated Catalysis Leads to Intramolecular Narcissistic Self-Sorting on a Cavitand Platform. <i>Journal of Organic Chemistry</i> , 2017 , 82, 390-396	4.2	4
55	Synthesis of 5-Carboxamidotriazoles via Azide-Alkyne Cycloaddition-Aminocarbonylation Sequence. <i>ChemistrySelect</i> , 2019 , 4, 5527-5530	1.8	4
54	Isobaric Vapor-Liquid Equilibria for Binary Mixtures of Biomass-Derived γ -Valerolactone + Tetrahydrofuran and 2-Methyltetrahydrofuran. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 3063-3071	2.8	4
53	Asymmetric Hydroformylation of 4-Vinyl-1,3-dioxolan-2-one. <i>Journal of Heterocyclic Chemistry</i> , 2017 , 54, 1430-1436	1.9	4
52	Permittivity-dependent Carrier Behavior of Aniline Derivatives Toward Common Low-permittivity Solvents in the Solubilization of Carbon Nanotubes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2008 , 16, 247-257	1.8	4
51	Palladium-Assisted Synthesis of Heterocycles via Carbonylation Reactions 321-362		4

50	Carbonylation of Allenes	291-300		4
49	Homogeneous Carbonylation Reactions in the Synthesis of Compounds of Pharmaceutical Importance	301-320		4
48	Insertion of ethyl diazoacetate into the platinum-carbon bond of Pt(diphosphine)(halide)(aryl) complexes. X-ray structure of the Pt{(2S,4S)-bdpp}I(Ph) complex. <i>Transition Metal Chemistry</i> , 2007 , 32, 746-752		2.1	4
47	Competitive thermodynamic and kinetic processes during dissociation of some host-guest complexes of calix[4]arene derivatives. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007 , 59, 251-256			4
46	The Effect of the Electron Density Distribution of Guest on the Entropy Change During Complex Formation of Calix[6]arene Hexasulfonate Host with ortho- and para-cresols as Guests. <i>Supramolecular Chemistry</i> , 2006 , 18, 245-250		1.8	4
45	Homogeneous coupling and carbonylation reactions of steroids possessing iodoalkene moieties. Catalytic and mechanistic aspects. <i>Journal of Organometallic Chemistry</i> , 1999 , 586, 94-100		2.3	4
44	Isobaric Vapor-Liquid Equilibria for Binary Mixtures of Gamma-Valerolactone + Toluene. <i>Journal of Chemical & Engineering Data</i> , 2021 , 66, 568-574		2.8	4
43	A novel Pd-catalysed sequential carbonylation/cyclization approach toward bis-heterocycles: rationalization by electronic structure calculations. <i>Royal Society Open Science</i> , 2018 , 5, 181140		3.3	4
42	High-yielding synthesis of deepened cavitands bearing picolyl moieties on the upper rim. <i>Tetrahedron</i> , 2015 , 71, 2555-2560		2.4	3
41	Fluorous Catalysis	2012, 137-184		3
40	Functionalization of the pyridazin-3(2H)-one ring via palladium-catalysed aminocarbonylation. <i>Tetrahedron</i> , 2012 , 68, 7855-7860		2.4	3
39	Recent Developments in Alkyne Carbonylation	251-290		3
38	Reactivity of Pincer Complexes Toward Carbon Monoxide	27-64		3
37	Stereoselective Synthesis of Androstane-Based Steroidal Phosphine Oxides Possessing the 16-Diphenylphosphinyl Moiety. <i>Synthetic Communications</i> , 2006 , 36, 2825-2832		1.7	3
36	Synthesis of Ferrocene Amides and β -Ketoamides via Palladium-Catalyzed Homogeneous Carbonylation Reaction. <i>Synthesis</i> , 2003 , 2003, 0545-0550		2.9	3
35	A Novel Reaction between the P=O Group of Cyclic 2,4,6-Trialkylphenylphosphine Oxides and Dimethyl Acetylenedicarboxylate (DMAD). <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002 , 177, 1681-1684		1	3
34	Isobaric Vapor-Liquid Equilibria of Binary Mixtures of γ -Valerolactone + Acetone and Ethyl Acetate. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 419-425		2.8	3
33	Relationship of QTAIM and NOCV Descriptors with Tolman's Electronic Parameter. <i>Advances in Chemistry</i> , 2016 , 2016, 1-7			3

32	Palladium-Catalyzed Synthesis of Amidines via <i>n</i> -Butyl isocyanide Insertion. <i>ACS Omega</i> , 2018 , 3, 16118-16126	3
31	Novel synthesis of 3-carboxamidolactam derivatives via palladium-catalysed aminocarbonylation. <i>Tetrahedron</i> , 2018 , 74, 6116-6128	2.4 3
30	Facile, High-Yielding Synthesis of 4-Functionalised 1,2,3-Triazoles via Amino- and Aryloxy-carbonylation. <i>ChemistrySelect</i> , 2020 , 5, 448-451	1.8 2
29	Fluorous Catalysis 2018 , 219-268	2
28	Competitive processes associated to the interaction of a cavitand derivative with caffeic acid. <i>Supramolecular Chemistry</i> , 2016 , 28, 582-588	1.8 2
27	High-yielding synthesis of 1-carboxamido-3,4-dihydronaphthalenes via palladium-catalyzed aminocarbonylation. <i>Tetrahedron</i> , 2013 , 69, 500-504	2.4 2
26	Estimation of Bite Angle Effect on the Electronic Structure of Cobalt-Phosphine Complexes: A QTAIM Study 2014 , 2014, 1-5	2
25	Thermodynamics of the Solvation of Carbon Nanotubes: Exchange of Aniline to Primary Alcohols on the Surface of Carbon Nanotubes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2010 , 18, 207-215	1.8 2
24	Facile Synthesis of Unsymmetrical 1, <i>n</i> ?-Disubstituted Ferrocenoyl Amino Acid Derivatives by Palladium-Catalyzed Aminocarbonylation. <i>Synthesis</i> , 2007 , 2007, 1456-1458	2.9 2
23	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. <i>Symmetry</i> , 2020 , 12, 1795	2.7 2
22	Synthesis of Pyridazine Dicarboxamides via Highly Selective Palladium-catalyzed Aminocarbonylation. <i>Journal of Heterocyclic Chemistry</i> , 2016 , 53, 2020-2024	1.9 2
21	Functionalisation of the uracil ring via palladium-catalysed aminocarbonylation. <i>Tetrahedron</i> , 2019 , 75, 4632-4639	2.4 1
20	The Role of Weak Interactions in Supramolecular Compounds: A Synthetic and Theoretical Study of Novel Elongated Cavitands. <i>ChemistrySelect</i> , 2017 , 2, 8337-8345	1.8 1
19	Nature of the Metal-Ligand Interactions in Complexes M(PH ₃) ₂ (<i>n</i> -L) (M=Ni, Pd, Pt; L=CO ₂ , COS, CS ₂): A Theoretical Study. <i>ChemistrySelect</i> , 2017 , 2, 5740-5750	1.8 1
18	Electrochemical Experimental Study for the Characterization of Tetraferrocenyl-Cavitand, Synthesized in Click-Reaction. <i>Electroanalysis</i> , 2015 , 27, 38-41	3 1
17	Synthesis and Electrochemical Properties of the Tetraferrocenyl-Cavitand in Dimethyl Formamide Solvent Using Platinum and Carbon Working Electrodes. <i>Electroanalysis</i> , 2015 , 27, 799-807	3 1
16	Temperature-dependent solvent effect on the kinetic energy distribution on p-cresol molecule as building block of calixarene capsules. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009 , 64, 283-288	1
15	Synthesis of new steroidal derivatives by the reaction of steroid- <i>n</i> -amino acid conjugates with N, <i>n</i> ?-dicyclohexyl-carbodiimide. Unusual formation of steroidal imide derivatives. <i>Tetrahedron</i> , 2009 , 65, 4659-4663	2.4 1

14	Synthesis of Ferrocenoyl L-Arginine Derivatives by Homogeneous Catalytic Carbonylation. <i>Synthetic Communications</i> , 2009 , 39, 887-895	1.7	1
13	Catalytic Carbonylations in Ionic Liquids 135-159		1
12	Synthesis of Axially Chiral Carboxamides via Aminocarbonylation of Aryl and Vinyl Iodides with 2,2'-Diamino-1,1'-binaphthalene in the Presence of Palladium Catalysts. <i>ChemistrySelect</i> , 2020 , 5, 11048-11051	1.8	1
11	Tetrabutylphosphonium 4-ethoxyvalerate as a biomass-originated media for homogeneous palladium-catalyzed Miyaura coupling reactions. <i>Chemical Papers</i> , 2020 , 74, 4593-4598	1.9	1
10	Synthesis of novel pregnane-based 20-carboxamides via palladium-catalysed aminocarbonylation. <i>Chemical Papers</i> , 2021 , 75, 1861-1867	1.9	1
9	Influence of base additives on the selectivity of palladium-catalysed aminocarbonylation: Highly selective functionalization of a cavitand scaffold. <i>Molecular Catalysis</i> , 2018 , 444, 70-75	3.3	1
8	4-Amino-TEMPO as N-Nucleophile in Palladium-Catalyzed Aminocarbonylation. <i>Journal of Heterocyclic Chemistry</i> , 2017 , 54, 634-640	1.9	0
7	Novel Platinum(II) Complexes Incorporating Optically Active P-Heterocycles as the Ligands. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015 , 190, 821-823	1	0
6	Recent Advances in Two-Phase Carbonylation 115-134		0
5	Synthesis of N-picolylcarboxamides in aminocarbonylation. <i>Tetrahedron</i> , 2021 , 88, 132128	2.4	0
4	Environmental sustainability assessment of a biomass-based chemical industry in the Visegrad countries: Czech Republic, Hungary, Poland, and Slovakia. <i>Chemical Papers</i> , 2020 , 74, 3067-3076	1.9	
3	Platinum(II) Complexes of P(III)-Heterocycles. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011 , 186, 847-849	1	
2	The formation of Pt(P ^{III})(X)(COAr) (X=Cl, I; Ar=Ph, 2-Thioph) complexes via insertion of carbon monoxide. <i>Transition Metal Chemistry</i> , 2008 , 33, 317-321	2.1	
1	Platinum Complexes of Phospholes with Reduced Pyramidal Character. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1999 , 147, 157-157	1	