Anna M Trzeciak

List of Publications by Year
in descending order

174 papers	4,467 citations	117625 34 h-index	149698 56 g-index
183 all docs	183 docs citations	183 times ranked	3661 citing authors

#	Article	IF	Citations
1	Pd-PVP colloid as catalyst for Heck and carbonylation reactions: TEM and XPS studies. Journal of Catalysis, 2005, 229, 332-343.	6.2	237
2	Structural and mechanistic studies of Pd-catalyzed CC bond formation: The case of carbonylation and Heck reaction. Coordination Chemistry Reviews, 2005, 249, 2308-2322.	18.8	172
3	Monomolecular, nanosized and heterogenized palladium catalysts for the Heck reaction. Coordination Chemistry Reviews, 2007, 251, 1281-1293.	18.8	156
4	Palladium nanoparticles supported on alumina-based oxides as heterogeneous catalysts of the Suzukiâ€“Miyaura reaction. Journal of Catalysis, 2008, 254, 121-130.	6.2	152
5	PEPPSIâ€Type Palladium Complexes Containing Basic 1,2,3â€Triazolylidene Ligands and Their Role in Suzukiâ€“Miyaura Catalysis. Chemistry - A European Journal, 2012, 18, 6055-6062.	3.3	150
6	The role of palladium nanoparticles in catalytic Câ€“C cross-coupling reactions. Coordination Chemistry Reviews, 2019, 384, 1-20.	18.8	142
7	Perspectives of rhodium organometallic catalysis. Fundamental and applied aspects of hydroformylation. Coordination Chemistry Reviews, 1999, 190-192, 883-900.	18.8	110
8	N-Heterocyclic carbeneâ€“rhodium complexes as catalysts for hydroformylation and related reactions. Coordination Chemistry Reviews, 2011, 255, 473-483.	18.8	102
9	Novel rhodium complexes with N-pyrrolylphosphines: attractive precursors of hydroformylation catalysts. Journal of the Chemical Society Dalton Transactions, 1997, , 1831-1838.	1.1	70
10	Rhodium complexes supported on zinc aluminate spinel as catalysts for hydroformylation and hydrogenation: preparation and activity. Journal of Molecular Catalysis A, 2002, 189, 203-210.	4.8	68
11	A new, highly selective, water-soluble rhodium catalyst for methyl acrylate hydroformylation. Journal of Organometallic Chemistry, 1995, 505, 11-16.	1.8	61
12	PdCl2(P(OPh)3)2 Catalyzed Coupling and Carbonylative Coupling of Phenylacetylenes with Aryl Iodides in Organic Solvents and in Ionic Liquids. Catalysis Letters, 2006, 109, 37-41.	2.6	61
13	Synthesis of Palladium Benzyl Complexes from the Reaction of PdCl2[P(OPh)3]2 with Benzyl Bromide and Triethylamine:â€‰ Important Intermediates in Catalytic Carbonylation. Organometallics, 2002, 21, 132-137.	2.3	57
14	Low pressure, highly active rhodium catalyst for the homogeneous hydroformylation of olefins. Journal of Molecular Catalysis, 1986, 34, 213-219.	1.2	55
15	Synthesis of rhodium(I) acetylacetonato-bistriphenylphosphite complex and its reactivity towards carbon monoxide. Inorganica Chimica Acta, 1982, 64, L267-L268.	2.4	52
16	Hydroformylation and related reactions of vinylsilanes catalyzed by siloxide complexes of rhodium(I) and iridium(I). Journal of Molecular Catalysis A, 2005, 237, 246-253.	4.8	50
17	Palladium(0) nanoparticles formed in situ in the Suzukiâ€“Miyaura reaction: The effect of a palladium(II) precursor. Applied Catalysis A: General, 2010, 378, 83-89.	4.3	49
18	New rhodium complexes as low pressure hydroformylation catalysts: effect of ligand on catalyst activity and selectivity. Journal of Molecular Catalysis, 1984, 26, 355-361.	1.2	48

#	Article	IF	Citations
19	Pd colloid-catalyzed methoxycarbonylation of iodobenzene in ionic liquids. Journal of Molecular Catalysis A, 2004, 224, 81-86.	4.8	48
20	Homogeneous/heterogeneous palladium based catalytic system for Heck reaction. The reversible transfer of palladium between solution and support. Topics in Catalysis, 2006, 40, 173-184.	2.8	48
21	Palladium(0) nanoparticles encapsulated in diamine-modified glycidyl methacrylate polymer (GMA-CHDA) applied as catalyst of Suzukiâ€“Miyaura cross-coupling reaction. New Journal of Chemistry, 2008, 32, 1124.	2.8	46
22	Infrared and NMR, 1H, 19F, 31P studies of Rh(I) complexes of the formula: [Rh(Î²-diketone)(CO)X(P)Y] (x =) Tj ETQq0 0 0 rgBT /Overlock	2.4	45
23	Base-free efficient palladium catalyst of Heck reaction in molten tetrabutylammonium bromide. Journal of Molecular Catalysis A, 2006, 257, 3-8.	4.8	45
24	Structure, Electrochemistry and Hydroformylation Catalytic Activity of the Bis(pyrazolylborato)rhodium(I) Complexes [RhBp(CO)P] [P = P(NC4H4)3, PPh3, PCy3, P(C6H4OMe-4)3]. European Journal of Inorganic Chemistry, 2004, 2004, 1411-1419.	2.0	43
25	Rh(acac)(CO)(PR 3) and Rh(oxinate)(CO)(PR 3) complexesâ€”substitution chemistry and structural aspects. Journal of Organometallic Chemistry, 2000, 602, 59-64.	1.8	40
26	Redox potential, ligand and structural effects in rhodium(I) complexes. Journal of Organometallic Chemistry, 2001, 620, 174-181.	1.8	40
27	Palladium(II) Complexes with Small Nâ€Heterocyclic Carbene Ligands as Highly Active Catalysts for the Suzukiâ€“Miyaura Crossâ€Coupling Reaction. ChemCatChem, 2013, 5, 1152-1160.	3.7	40
28	Effect of carboxylic acids on the yield and selectivity of the hydroformylation of hex-1-ene catalysed by [Rh(acac) (CO) (PPh3)]. Journal of Molecular Catalysis, 1993, 80, 189-200.	1.2	38
29	Chemistry of palladium phosphinite (PPh2(OR)) and phosphonite (P(OPh)2(OH)) complexes: catalytic activity in methoxycarbonylation and Heck coupling reactions. Dalton Transactions, 2006, , 213-220.	3.3	38
30	Rhodium(I) N-Heterocyclic Carbene Complexes as Highly Selective Catalysts for 1-Hexene Hydroformylation. Organometallics, 2008, 27, 4131-4138.	2.3	37
31	Palladium supported on Al 2 O 3 â€“CeO 2 modified with ionic liquids as a highly active catalyst of the Suzukiâ€“Miyaura cross-coupling. Journal of Catalysis, 2014, 319, 87-94.	6.2	37
32	Palladium nanoparticles supported on a nickel pyrazolate metal organic framework as a catalyst for Suzuki and carbonylative Suzuki couplings. Dalton Transactions, 2016, 45, 13525-13531.	3.3	37
33	Reusable functionalized polysiloxane-supported palladium catalyst for Suzukiâ€“Miyaura cross-coupling. Journal of Catalysis, 2011, 282, 270-277.	6.2	35
34	Hex-1-ene hydroformylation catalyzed by Rh(acac){P(OPh)3}2 modified with amines, formation of reactive HRh(CO){P(OPh)3}3 and unreactive Rh4(CO)8{P(OPh)3}4 species. Journal of Organometallic Chemistry, 1990, 390, 105-111.	1.8	34
35	New bimetallic rhodium-zirconium catalysts for homogeneous olefin hydroformylation. Journal of Molecular Catalysis A, 1996, 110, 135-139.	4.8	34
36	Structural studies of PdCl2L2 complexes with fluorinated phosphines, phosphites, and phosphinites as precursors of benzyl bromide carbonylation catalysts, and and X-ray crystal structure of cis-PdCl2[PPh2(OEt)]2. Canadian Journal of Chemistry, 2001, 79, 752-759.	1.1	34

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37	Structure, dynamics and catalytic activity of palladium(II) complexes with imidazole ligands. Inorganica Chimica Acta, 2010, 363, 4346-4354.	2.4	34
38	Rh(0) Nanoparticles: Synthesis, Structure and Catalytic Application in Suzukiâ€“Miyaura Reaction and Hydrogenation of Benzene. Topics in Catalysis, 2013, 56, 1239-1245.	2.8	34
39	Homogeneous rhodium complex-catalyzed hydroformylation and related reactions of functionally substituted olefins. Journal of Molecular Catalysis, 1987, 43, 15-20.	1.2	33
40	Hydroformylation and isomerization of hex-1-ene catalyzed by [Rh(acac)(CO)(PPh3)]: Effect of modifying ligands. Journal of Molecular Catalysis, 1992, 73, 1-8.	1.2	33
41	Homogeneous and alumina supported rhodium complex catalysed hydrogenation. Journal of Molecular Catalysis, 1994, 88, 13-21.	1.2	33
42	PdII square planar complexes of the type [IL]2[PdX4] as catalyst precursors for the Suzukiâ€“Miyaura cross-coupling reaction. The first in situ ESI-MS evidence of [(IL)xPd3] clusters formation. Journal of Molecular Catalysis A, 2009, 304, 8-15.	4.8	33
43	The Heck arylation of mono- and disubstituted olefins catalyzed by palladium supported on alumina-based oxides. Applied Catalysis A: General, 2011, 393, 195-205.	4.3	33
44	Suzukiâ€“Miyaura and Hiyama coupling catalyzed by PEPPSI-type complexes with non-bulky NHC ligand. Journal of Molecular Catalysis A, 2016, 418-419, 9-18.	4.8	33
45	Influence of palladium colloid synthesis procedures on catalytic activity in methoxycarbonylation reaction. Journal of Catalysis, 2006, 239, 272-281.	6.2	32
46	Supported N-heterocyclic carbene rhodium complexes as highly selective hydroformylation catalysts. Journal of Molecular Catalysis A, 2009, 309, 131-136.	4.8	32
47	Rhodium-catalyzed hydroformylation under green conditions: Aqueous/organic biphasic, â€œon waterâ€, solventless and Rh nanoparticle based systems. Coordination Chemistry Reviews, 2021, 430, 213732.	18.8	32
48	Novel rhodium(I) complexes with (2-hydroxyphenyl)diphenylphosphine ligand: catalytic properties and X-ray structures of Rh(OC6H4PPh2)(CO)(PPh3) and Rh(OC6H4PPh2){P(OPh)3}2â€ˆÂ·â€ˆ0.5C6H6. Journal of Organometallic Chemistry, 1999, 575, 87-97.	1.8	30
49	Palladium supported on triazolyl-functionalized polysiloxane as recyclable catalyst for Suzukiâ€“Miyaura cross-coupling. Applied Catalysis A: General, 2014, 470, 24-30.	4.3	30
50	Homogeneous hydrogenation of aromatic hydrocarbons with Rh(acac)-(P(OPh)3)2 catalyst. Journal of Molecular Catalysis, 1983, 18, 193-195.	1.2	29
51	Kinetic and spectroscopic studies of the substitution reactions of [Rh(acac)(CO)2] with triphenylphosphite. Transition Metal Chemistry, 1985, 10, 167-171.	1.4	29
52	Influence of the modification of the ligands on hex-1-ene hydroformylation catalyzed by [HRh{P(OPh)3}4] and [HRh(CO){P(OPh)3}3]. Catalytic activity of the sytem [HRh}P(OPh)3}4]+Cp2Zr(CH2PPh2)2. Journal of Organometallic Chemistry, 1991, 420, 353-358.	1.8	29
53	Carbonylation of benzyl bromide to benzeneacetic acid and its esters catalysed by water-soluble palladium complexes. Journal of Molecular Catalysis A, 2000, 154, 93-101.	4.8	29
54	Rhodium(I) complexes with 1â€²-(diphenylphosphino)ferrocenecarboxylic acid as active and recyclable catalysts for 1-hexene hydroformylation. Journal of Organometallic Chemistry, 2005, 690, 3260-3267.	1.8	29

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55	Catalytic activity of a half-sandwich Ru(II)-N-heterocyclic carbene complex in the oligomerization of alkynes. Journal of Organometallic Chemistry, 2006, 691, 3371-3376.	1.8	29
56	[IL]2[PdCl4] complexes (IL=imidazolium cation) as efficient catalysts for Suzukiâ€“Miyaura cross-coupling of aryl bromides and aryl chlorides. Applied Catalysis A: General, 2013, 466, 216-223.	4.3	29
57	Copper(II)-catalysed oxidative carbonylation of aminols and amines in water: A direct access to oxazolidinones, ureas and carbamates. Journal of Molecular Catalysis A, 2015, 407, 8-14.	4.8	27
58	Mechanistic studies on the rhodium complex catalyzed hydroformylation reaction of olefins. Journal of Molecular Catalysis, 1983, 19, 41-55.	1.2	26
59	Rhodium complex catalyzed hydroformylation reactions of linear and cyclic mono- and diolefins. Journal of Organometallic Chemistry, 1994, 479, 213-216.	1.8	26
60	Green Synthesis of Rhodium Nanoparticles that are Catalytically Active in Benzene Hydrogenation and 1â€Hexene Hydroformylation. ChemCatChem, 2018, 10, 2051-2058.	3.7	26
61	New rhodium systems for biphasic hydrogenation and hydroformylation of 1-hexene. Journal of Molecular Catalysis A, 1998, 132, 203-212.	4.8	25
62	Rhodium phosphine complexes immobilized on silica as active catalysts for 1-hexene hydroformylation and arene hydrogenation. Journal of Molecular Catalysis A, 2004, 210, 179-187.	4.8	25
63	Catalytic Activity of Pd(II) Complexes with Triphenylphosphito Ligands in the Sonogashira Reaction in Ionic Liquid Media. Catalysis Letters, 2009, 133, 262-266.	2.6	25
64	Hydroformylation and isomerization reactions of hex-1-ene catalyzed by rhodium(I) complexes. Journal of Molecular Catalysis, 1988, 43, 335-341.	1.2	24
65	Hydrogenation and hydroformylation of C 4 unsaturated alcohols with an [Rh(acac)(CO) 2]/PNS catalyst in water solution (PNS Ph 2 PCH 2 CH 2 CONHC(CH 3) 2 CH 2 SO 3 Li). Journal of Molecular Catalysis A, 1999, 148, 59-68.	4.8	24
66	Complexes of Heteroscorpionate Trispyrazolylborate Ligands. Part 10. Structures and Fluxional Behavior of Rhodium(I) Complexes with Heteroscorpionate Trispyrazolylborate Ligands, Tpâ€˜Ââ€˜Rh(LL) (LL =) Tj EMC q0 0 0 rg BT /Overl	2.3	24
67	Polymerization of phenylacetylene catalysed by RhTp(cod) and RhBp(cod) in ionic liquids: effect of alcohols and of tetraammonium halides. Applied Organometallic Chemistry, 2004, 18, 124-129.	3.5	24
68	Palladium complexes with hydrophosphorane ligands (HPâˆ¼O and HPâˆ¼N), catalysts for Heck cross-coupling reactions. Inorganica Chimica Acta, 2011, 365, 204-210.	2.4	24
69	Recyclable Pd(0)-Pd(II) composites formed from Pd(II) dimers with NHC ligands under Suzukiâ€“Miyaura conditions. Journal of Organometallic Chemistry, 2015, 785, 92-99.	1.8	24
70	Carbonylative Suzukiâ€“Miyaura coupling catalyzed by palladium supported on aminopropyl polymethylsiloxane microspheres under atmospheric pressure of CO. Journal of Molecular Catalysis A, 2016, 417, 76-80.	4.8	24
71	Palladium(0) Deposited on PAMAM Dendrimers as a Catalyst for Câ€“C Cross Coupling Reactions. Molecules, 2011, 16, 427-441.	3.8	23
72	1,5-Hexadiene selective hydroformylation reaction catalyzed with Rh(acac){P(OPh)3}2/P(OPh)3 and Rh(acac)(CO)(PPh3) / PPh3 complexes. Journal of Organometallic Chemistry, 1994, 464, 107-111.	1.8	22

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73	Title is missing!. Catalysis Letters, 2001, 77, 245-249.	2.6	20
74	Structure and catalytic activity of rhodium(I) carbene complexes in polymerization of phenylacetylene. Inorganica Chimica Acta, 2006, 359, 2835-2841.	2.4	20
75	Palladium-catalyzed asymmetric Heck arylation of 2,3-dihydrofuran â€“ effect of prolinate salts. Dalton Transactions, 2013, 42, 1215-1222.	3.3	20
76	Effect of free phosphine on the reactivity of phosphine-containing rhodium(I) complexes. Reaction Kinetics and Catalysis Letters, 1982, 20, 383-387.	0.6	19
77	Rhodium complexes HRh[P(NC4H4)3]4 and HRh(CO)[P(NC4H4)3]3 as active catalysts of olefins and arenes hydrogenation. Journal of Organometallic Chemistry, 1998, 552, 159-164.	1.8	19
78	Monomeric triphenylphosphite palladacycles with N-imidazole ligands as catalysts of Suzukiâ€“Miyaura and Sonogashira reactions. Journal of Organometallic Chemistry, 2011, 696, 3601-3607.	1.8	19
79	Pd/DNA as a highly active and recyclable catalyst for aminocarbonylation and hydroxycarbonylation in water: The effect of Mo(CO)6 on the reaction course. Molecular Catalysis, 2019, 462, 28-36.	2.0	19
80	New synthesis of [RhH{P(OPh)3}4] and related reactions. Transition Metal Chemistry, 1987, 12, 408-409.	1.4	18
81	31P-NMR and X-ray studies of new rhodium(I) Î²-ketoiminato complexes Rh(R1C(O)CHC(NH)R2)(CO)(PZ3) where PZ3=PPh3, PCy3, P(OPh)3 or P(NC4H4)3. Journal of Organometallic Chemistry, 2001, 628, 195-210.	1.8	18
82	Rhodium-catalyzed hydroformylation with substituted phenylphosphite ligands. Journal of Molecular Catalysis, 1988, 48, 319-324.	1.2	17
83	Catalytic Activity of Rhodium Complexes Supported on Al2O3â€“ZrO2in Isomerization and Hydroformylation of 1-Hexene. Catalysis Letters, 2004, 93, 85-92.	2.6	17
84	Suzukiâ€“Miyaura and Hiyama reactions catalyzed by orthopalladated triarylphosphite complexes. Tetrahedron, 2010, 66, 9502-9507.	1.9	17
85	Selective Heck Arylation of Cyclohexene with Homogeneous and Heterogeneous Palladium Catalysts. Molecules, 2010, 15, 2166-2177.	3.8	17
86	Effect of chiral ionic liquids on palladium-catalyzed Heck arylation of 2,3-dihydrofuran. Applied Catalysis A: General, 2011, 409-410, 148-155.	4.3	17
87	Oxygen-promoted coupling of arylboronic acids with olefins catalyzed by [CA]2[PdX4] complexes without a base. Journal of Molecular Catalysis A, 2015, 408, 1-11.	4.8	17
88	Catalytic activity of palladium complexes, PdCl2(COD) and PdCl2(P(OPh)3)2, in methoxycarbonylation of iodobenzene. Inorganic Chemistry Communication, 2003, 6, 823-826.	3.9	16
89	The role of Pd colloids as catalysts in the phosphane-free methoxycarbonylation of iodobenzene. New Journal of Chemistry, 2004, 28, 859-863.	2.8	16
90	Palladium supported on aminopropyl-functionalized polymethylsiloxane microspheres: Simple and effective catalyst for the Suzukiâ€“Miyaura Câ€“C coupling. Journal of Molecular Catalysis A, 2015, 407, 230-235.	4.8	16

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91	Palladium nanoparticles generated in situ used as catalysts in carbonylative cross-coupling in aqueous medium. RSC Advances, 2016, 6, 36491-36499.	3.6	16
92	Pd/DNA as Highly Active and Recyclable Catalyst of Suzukiâ€“Miyaura Coupling. Catalysts, 2018, 8, 552.	3.5	16
93	The new organometallic rhodiumâ€“iron homogeneous catalytic system for hydroformylation. Topics in Catalysis, 2000, 11/12, 461-468.	2.8	15
94	Carbonylative Suzuki Coupling Reaction Catalyzed by a Hydrospirophosphorane Palladium Complex. ChemCatChem, 2017, 9, 4397-4409.	3.7	15
95	Palladium Nanoparticles Supported on Graphene Oxide as Catalysts for the Synthesis of Diarylketones. Catalysts, 2019, 9, 319.	3.5	15
96	Rhodium hydride (HRh(CO)(PPh3)3) and rhodium carbonyl (Rh4(CO)8L4) complexes obtained by reaction of Rh(acac)(CO)(L) type complexes with methanol and formaldehyde. Journal of Organometallic Chemistry, 1992, 429, 239-244.	1.8	14
97	Orthometallated palladium trimers in Câ€“C coupling reactions. Journal of Organometallic Chemistry, 2012, 710, 44-52.	1.8	14
98	The aminocarbonylation of 1,2-diiodoarenes with primary and secondary amines catalyzed by palladium complexes with imidazole ligands. Applied Catalysis A: General, 2018, 560, 73-83.	4.3	14
99	Synthesis, Structural Characterization, and Hydroformylation Activity of Rhodium(I) Complexes with a Polar Phosphinoferrocene Sulfonate Ligand. Organometallics, 2019, 38, 479-488.	2.3	14
100	N-Pyrrolylphosphines as ligands for highly regioselective rhodium-catalyzed 1-butene hydroformylation: effect of water on the reaction selectivity. Catalysis Science and Technology, 2017, 7, 3097-3103.	4.1	14
101	Reactions of theortho-metallated rhodium(I) complex of the formula Rh[P(OC6H4)(OPh)2][P(OPh)3]3 with HX molecules. Transition Metal Chemistry, 1985, 10, 385-386.	1.4	13
102	Palladium complexes with chiral imidazole ligands as potential catalysts for asymmetric CC coupling reactions. Inorganica Chimica Acta, 2017, 455, 595-599.	2.4	13
103	Rh/DNA Nanoparticles, Synthesis, Characterization and Catalytic Activity in â€œOn Waterâ€• Asymmetric Hydroformylation Reaction. ChemistrySelect, 2018, 3, 1727-1736.	1.5	13
104	Photoactive Liposomal Formulation of PVP-Conjugated Chlorin e6 for Photodynamic Reduction of Atherosclerotic Plaque. International Journal of Molecular Sciences, 2019, 20, 3852.	4.1	13
105	Palladium Chemistry Related to Benzyl Bromide Carbonylation: Mechanistic Studies. Monatshefte FÃ¼r Chemie, 2000, 131, 1281-1291.	1.8	12
106	â€œOn waterâ€• hydroformylation of 1-hexene using Rh/PAA (PAA = polyacrylic acid) as catalyst. RSC Advances, 2014, 4, 30384-30391.	3.6	12
107	Incorporation of PdCl₂P₂ Complexes in Niâ€MOF for Catalyzing Heck Arylation of Functionalized Olefins. European Journal of Inorganic Chemistry, 2019, 2019, 4282-4288.	2.0	12
108	Preparation and structure of di-(Î¼-salicylato-O,Oâ€²)-bis(1,5-cyclooctadiene)dirhodium(I). Polyhedron, 1994, 13, 655-658.	2.2	11

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109	Impact of dioxygen and carboxylic acids on the transformation of rhodium(I) to rhodium(III) complexes. Journal of the Chemical Society Dalton Transactions, 1995, , 105-109.	1.1	11
110	Hydroformylation of olefins catalysed with bimetallic systems: HRh{P(OPh)3}4 + cp2ZrH(CH2PPh2) and HRh(CO){P(OPh)3}3 + cp2ZrH(CH2PPh2). Journal of Organometallic Chemistry, 1996, 525, 145-149.	1.8	11
111	New insight into role of ortho-metallation in rhodium triphenylphosphite complexes. Hydrogen mobility in hydrogenation and isomerization of unsaturated substrates. Journal of Organometallic Chemistry, 2000, 597, 69-76.	1.8	11
112	An efficient synthesis of functional stilbenes in Hiyama coupling reaction catalysed by H-spirophosphorane palladium complex. Journal of Molecular Catalysis A, 2011, 351, 128-135.	4.8	11
113	Advantages of the solventless hydroformylation of olefins. Journal of Molecular Catalysis A, 2015, 408, 147-151.	4.8	11
114	Rhodium Pyrrolylphosphine Complexes as Highly Active and Selective Catalysts for Propene Hydroformylation: Theâ€‰Effect of Water and Aldehyde on the Reaction Regioselectivity. ChemCatChem, 2018, 10, 305-310.	3.7	11
115	Heck Transformations of Biological Compounds Catalyzed by Phosphine-Free Palladium. Molecules, 2018, 23, 2227.	3.8	11
116	Synthesis and Catalytic Evaluation of Phosphanylferrocene Ligands with Cationic Guanidinium Pendants and Varied Phosphane Substituents. European Journal of Inorganic Chemistry, 2019, 2019, 4846-4854.	2.0	11
117	31P-NMR studies on the interaction between Rh(AA)(CO)(PPh3) complexes and free PPh3. Reaction Kinetics and Catalysis Letters, 1984, 26, 21-24.	0.6	10
118	Synthesis and reactivity of rhodium(I) complexes of the type Rh(L-L)(CO)[P(OPh)3] and Rh(L-L)[P(OPh)3]2. Transition Metal Chemistry, 1991, 16, 212-214.	1.4	10
119	Rhodium complexes with dioximes as catalysts of hydroformylation and hydrogenation of 1-hexene. Journal of Molecular Catalysis A, 1998, 130, 241-248.	4.8	10
120	PEPPSI-type complexes with small NHC ligands obtained according to the new method efficiently catalyzed Suzuki-Miyaura reaction. Journal of Organometallic Chemistry, 2018, 867, 323-332.	1.8	10
121	Catalytic polymerization of phenylacetylene with dimeric [Rh(OMe)(cod)]2 complex in ionic liquids. Applied Organometallic Chemistry, 2006, 20, 766-770.	3.5	9
122	Palladium Catalyzed Heck Arylation of 2,3-Dihydrofuranâ€”Effect of the Palladium Precursor. Molecules, 2014, 19, 8402-8413.	3.8	9
123	In situ generated Pd(0) nanoparticles stabilized by bis(aryl)acenaphthenequinone diimines as catalysts for aminocarbonylation reactions in water. Journal of Molecular Catalysis A, 2016, 425, 322-331.	4.8	9
124	Comparison of â€œon waterâ€•and solventless procedures in the rhodium-catalyzed hydroformylation of diolefins, alkynes, and unsaturated alcohols. Journal of Molecular Catalysis A, 2016, 423, 41-48.	4.8	9
125	Heck arylation of allyl alcohol catalyzed by Pd(0) nanoparticles. Tetrahedron, 2017, 73, 5605-5612.	1.9	9
126	Two efficient pathways for the synthesis of aryl ketones catalyzed by phosphorus-free palladium catalysts. Molecular Catalysis, 2018, 445, 61-72.	2.0	9

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127	Design of Shapeâ€Palladium Nanoparticles Anchored on Titanium(IV) Metalâ€Organic Framework: Highly Active Catalysts for Reduction of p â€Nitrophenol in Water. ChemistrySelect, 2018, 3, 7934-7939.	1.5	9
128	Structure of di-Î¼-N-Phenylanthranilato-di-1, 5-cyclooctadiene dirhodium(I). Polyhedron, 1985, 4, 1677-1681.	2.2	8
129	Efficient functionalization of olefins by arylsilanes catalyzed by palladium anionic complexes. Journal of Molecular Catalysis A, 2017, 426, 458-464.	4.8	8
130	Pdâ€Nanocomposites Formed by Calcination of [Pd(2â€pymo)₂]_n Framework as Catalysts of Phenylacetylene Semihydrogenation in Water. ChemCatChem, 2021, 13, 2145-2151.	3.7	8
131	The oxidative addition of methyl iodide to acetylacetonatocarbonyltriphenylphosphiterhodium(I) complex. Inorganica Chimica Acta, 1986, 115, L43-L44.	2.4	7
132	The synthesis, structure and reactivity of new tetra- and pentacoordinated rhodium(I) complexes. Transition Metal Chemistry, 1989, 14, 135-138.	1.4	7
133	Cationic rhodium(I) complexes formed in the reactions of HRh(CO)L3 (L=PPh3, P(OPh)3) complexes with silver(I) salts. Inorganica Chimica Acta, 2003, 350, 339-346.	2.4	7
134	AFM and TEM image of phenylacetylene polymerization on Rh/PVP colloidal nanoparticles. New Journal of Chemistry, 2008, 32, 1509.	2.8	7
135	Effect of solvent in the hydrogenation of acetophenone catalyzed by Pd/S-DVB. New Journal of Chemistry, 2021, 45, 5023-5028.	2.8	7
136	Immobilization of Rh(<scp>i</scp>) precursor in a porphyrin metalâ€“organic framework â€“ turning on the catalytic activity. Dalton Transactions, 2021, 50, 9051-9058.	3.3	7
137	New Palladium â€“ ZrO₂ Nanoâ€Architectures from Thermal Transformation of UiOâ€66â€NH₂ for Carbonylative Suzuki and Hydrogenation Reactions. Chemistry - A European Journal, 2022, 28, .	3.3	7
138	Synthesis and properties of the orthometallated rhodium complex Rh{P(OPh)3}3{P(OC6H4)(OPh)2}. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1989, 577, 255-262.	1.2	6
139	Spent automotive three-way catalysts towards CC bond forming reactions. Applied Catalysis A: General, 2012, 421-422, 148-153.	4.3	6
140	Hydroformylation. , 2013, , 25-46.		6
141	The effect of Al2O3 and ionic liquids in palladium catalyzed arylation of cyclohexene. Interaction of Hg(0) with immobilized palladium. Journal of Molecular Catalysis A, 2016, 411, 188-195.	4.8	6
142	Hydroformylation of unsaturated esters and 2,3-dihydrofuran under solventless conditions at room temperature catalysed by rhodium N-pyrrolyl phosphine catalysts. New Journal of Chemistry, 2019, 43, 16990-16999.	2.8	6
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