

# Carmen Puerta

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Methylene-Linked Bis-NHC Half-Sandwich Ruthenium Complexes: Binding of Small Molecules and Catalysis toward Ketone Transfer Hydrogenation. <i>Organometallics</i> , 2021, 40, 792-803.	1.1	20
2	Activation of Dichloromethane by a Bis-NHC Cp*Ru Complex: Formation of a Pentamethyl(chloromethyl)cyclopentadiene Ligand. <i>Organometallics</i> , 2021, 40, 2405-2408.	1.1	3
3	Cationic $\epsilon$ -Substituted Indenyl Nickel(II) Complexes of Arsine and Stibine Ligands: Synthesis, Characterization, and Catalytic Behavior in the Oligomerization of Styrene. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 597-607.	1.0	6
4	Nickel(II) N-Heterocyclic Carbene Complexes: Versatile Catalysts for C-C, C-S and C-N Coupling Reactions. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2547-2556.	1.0	26
5	Activation of Propargyl Alcohols by TpRu Complexes Bearing a Bidentate NHC Ligand. <i>Organometallics</i> , 2016, 35, 388-399.	1.1	15
6	Differential Reactivity of [TpRu( $\eta^2$ P,N-iPr <sub>2</sub> PXPy)Cl] (X = NH, S) Bearing Hemilabile Coligands Towards NaBARF <sub>4</sub> , Lithium Acetylide, and Acetylenes. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1811-1818.	1.0	5
7	Atom-Economical Synthesis of the Versatile Ruthenium Precursor [TpRuCl(COD)] (Tp = ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 34, 1001-1004.	1.1	5
8	First examples of neutral and cationic indenyl nickel complexes bearing arsine or stibine ligands: highly active catalysts for the oligomerisation of styrene. <i>Dalton Transactions</i> , 2015, 44, 17015-17019.	1.6	5
9	Counteranion-Dependent Reaction Pathways in the Protonation of Cationic Ruthenium-Vinylidene Complexes. <i>Organometallics</i> , 2014, 33, 2549-2560.	1.1	8
10	Polymorphic Signature of the Anti-inflammatory Activity of 2,2'-bis(1,2-Phenylenebis(methylene))bis(sulfanediy)}bis(4,6-dimethylnicotinonitrile). <i>Crystal Growth and Design</i> , 2014, 14, 1347-1356.	1.4	22
11	Counteranion and Solvent Assistance in Ruthenium-Mediated Alkyne to Vinylidene Isomerizations. <i>Inorganic Chemistry</i> , 2013, 52, 8919-8932.	1.9	36
12	Picolyl-NHC Hydrotris(pyrazolyl)borate Ruthenium(II) Complexes: Synthesis, Characterization, and Reactivity with Small Molecules. <i>Inorganic Chemistry</i> , 2013, 52, 4396-4410.	1.9	24
13	Functionalized N-Heterocyclic Carbene Nonspectator Ligands upon Internal Alkyne Activation Reactions. <i>Inorganic Chemistry</i> , 2013, 52, 6502-6509.	1.9	32
14	Molecular Docking Study of Conformational Polymorph: Building Block of Crystal Chemistry. <i>Scientific World Journal, The</i> , 2013, 2013, 1-6.	0.8	2
15	Ruthenium(II) Picolyl-NHC Complexes: Synthesis, Characterization, and Catalytic Activity in Amine N-alkylation and Transfer Hydrogenation Reactions. <i>Organometallics</i> , 2012, 31, 6868-6879.	1.1	129
16	R-Allyl Nickel(II) Complexes with Chelating N-Heterocyclic Carbenes: Synthesis, Structural Characterization, and Catalytic Activity. <i>Organometallics</i> , 2012, 31, 2175-2183.	1.1	70
17	Water mediated self assembly of 5-(2-benzoimidazole-1-yl-ethoxy)-3-methyl-1-phenyl-1H-pyrazole-4-carboxylic acid methyl ester through CH $\cdots$ O and OH $\cdots$ N interactions. <i>Journal of Molecular Structure</i> , 2012, 1007, 20-25.	1.8	7
18	Nucleophilic Addition Reactions to Allenylidene Complexes of Ruthenium Bearing Hemilabile P,N Ligands: Isolation of the Vinylcarbene Complex [Cp*Ru $\cdot$ CHCH $\cdot$ CPh] <sub>2</sub> ( <sup>i</sup> Pr) <sub>2</sub> PNHPy][PF <sub>6</sub> ]. <i>Organometallics</i> , 2011, 30, 726-737.	1.1	22

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19	Half-Sandwich Ruthenium(II) Picolyl-NHC Complexes: Synthesis, Characterization, and Catalytic Activity in Transfer Hydrogenation Reactions. <i>Organometallics</i> , 2011, 30, 5793-5802.	1.1	68
20	Internal Alkyne Isomerization to Vinylidene versus Stable $\eta^5$ -Alkyne: Theoretical and Experimental Study on the Divergence of Analogous Cp <sup>*</sup> Ru and TpRu Systems. <i>Organometallics</i> , 2011, 30, 4014-4031.	1.1	36
21	Facile O-H Bond Activation in Alcohols by [Cp <sup>*</sup> RuCl( <sup>i</sup> Pr) <sub>2</sub> (PSX)] (X = Pyridyl). <i>J. Organomet. Chem.</i> 2011, 879, 12399-12401.	1.0784314	14
22	Ni(0)-CMC-Na Nickel Colloids in Sodium Carboxymethyl-Cellulose: Catalytic Evaluation in Hydrogenation Reactions. <i>Molecules</i> , 2011, 16, 367-372.	1.9	6
23	Ni(0)-CMC-Na Nickel Colloids in Sodium Carboxymethyl-Cellulose: Catalytic Evaluation in Hydrogenation Reactions. <i>Molecules</i> , 2011, 16, 367-372.	1.7	13
24	Friedel-Craft Acylation of ar-Himachalene: Synthesis of Acyl-ar-Himachalene and a New Acyl-Hydroperoxide. <i>Molecules</i> , 2011, 16, 5886-5895.	1.7	6
25	A rapid access to new coumarinyl chalcone and substituted chromeno[4,3-c]pyrazol-4(1H)-ones and their antibacterial and DPPH radical scavenging activities. <i>Medicinal Chemistry Research</i> , 2011, 20, 522-530.	1.1	64
26	Importance of weak interactions in developing 1,3-bis(4,6-dimethyl-1H-nicotinonitrile-1-yl)1,3-dioxo propane polymorphs. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 1267-1275.	2.0	10
27	Half-Sandwich Benzylidene Ruthenium Complexes Bearing Phosphanyl-Pyridine Ligands: Reactivity towards Nucleophiles and Electrophiles. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 1767-1776.	1.0	20
28	4-Chloro-N-methyl-2-(1,2,3,4-tetrahydroisoquinolin-1-yl)aniline. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o3199-o3199.	0.2	0
29	Proton-Transfer Reactions to Half-Sandwich Ruthenium Trihydride Complexes Bearing Hemilabile P,N Ligands: Experimental and Density Functional Theory Studies—Dedicated to Prof. Serafin Bernal in recognition of his contribution to inorganic chemistry, on the occasion of his retirement.. <i>Inorganic Chemistry</i> , 2010, 49, 6035-6057.	1.9	28
30	Isomerization of Internal Alkynes to Vinylidenes in Tris(pyrazolyl)borate Ruthenium Complexes. Solution and Solid-State Kinetics. <i>Organometallics</i> , 2010, 29, 1740-1749.	1.1	42
31	[(1R)-3-Benzoyl-1,7,7-trimethylbicyclo[2.2.1]heptan-2-onato- $\eta^2$ O]chlorido( $\eta^6$ -p-cymene)ruthenium(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m281-m281.	0.2	1
32	Stacking in 5-[3-(1,3-dioxo-1,3-dihydro-isoindol-2-yl)-propoxy]-3-methyl-1-phenyl-1H-pyrazole-4-carboxylic acid ethyl ester through C-H...N, C-H...O and C-H...N networks. <i>Journal of Molecular Structure</i> , 2009, 921, 251-254.	2009	18
33	One pot synthesis of a TpRu carbene: Formation and structural characterization of neutral alkylidene complex [TpRu(CHPh)(PMeiPr2)Cl]. <i>Inorganica Chimica Acta</i> , 2009, 362, 3857-3859.	1.2	3
34	Allenylidene/Alkenylcarbyne Synthesis and Reactivity in Ruthenium Complexes with Monodentate Phosphine Ligands. <i>Organometallics</i> , 2009, 28, 1546-1557.	1.1	31
35	Reactivity of the Ruthenium Hydride Complex [Ru( $\eta^3$ -H,S,S-HB(mt)3)H(PPh3)2] (HB(mt)3 =). <i>J. Organomet. Chem.</i> 2009, 730, 10-14.	1.1	31
36	Organometallics, 2009, 28, 2787-2798.	1.1	31
35	Oligomerization of styrenes mediated by cationic allyl nickel complexes containing triphenylstibine or triphenylarsine. <i>Dalton Transactions</i> , 2009, , 1842.	1.6	19
36	( <i>E</i> )-2-(2-Nitroprop-1-enyl)furan. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o2060-o2061.	0.2	0

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37	(E)-2-(2-Nitroethenyl)furan. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1979-o1979.	0.2	3
38	Synthesis, structure, antimicrobial and antioxidant investigations of dicoumarol and related compounds. European Journal of Medicinal Chemistry, 2008, 43, 2541-2548.	2.6	151
39	Electrophile-induced domino cyclization reaction for the synthesis of 2,2a,10,11-tetrahydrofuro[2,4-b]pyrano[2,3-b]quinolines. Tetrahedron Letters, 2008, 49, 6423-6425.	0.7	25
40	Formation of a Coordinated 2-Aminoethylidene Ligand and Its Rearrangement by Deprotonation into a Phosphinoallyl Ligand Containing a Pyrrolidin-2-yl Ring. Inorganic Chemistry, 2008, 47, 8598-8600.	1.9	3
41	Coordinatively Unsaturated Semisandwich Complexes of Ruthenium with Phosphinoamine Ligands and Related Species: A Complex Containing (R)-1,2-Bis((diisopropylphosphino)amino)cyclohexane in a New Coordination Form $\text{[Ru}^{\text{II}}(\text{C}_5\text{R}_5)(\text{P}(\text{iPr})_2)_2(\text{N}(\text{C}_6\text{H}_11)_2)]$ . Inorganic Chemistry, 2007, 46, 6958-6967.	1.9	34
42	Oligomerization and regioselective hydrosilylation of styrenes catalyzed by cationic allyl nickel complexes bearing allylphosphine ligands. Dalton Transactions, 2007, , 3000-3009.	1.6	29
43	$\text{Ru}^{\text{II}}$ -Substituted Vinylidene, Chroman-2-ylidene, and Hexahydrochromen-2-ylidene from Ruthenium Allenylidene/Alkenylcarbyne Complexes. Organometallics, 2007, 26, 4300-4309.	1.1	30
44	Half-Sandwich Hydride Complexes of Ruthenium with Bidentate Phosphinoamine Ligands: Proton-Transfer Reactions to $[(\text{C}_5\text{R}_5)\text{RuH}(\text{L})]$ [R = H, Me; L = dippae, (R,R)-dippach]. Inorganic Chemistry, 2007, 46, 1001-1012.	1.9	12
45	TpRu complexes as recoverable Lewis acid catalysts for enantioselective solvent-free cycloaddition reactions (Tp=hydrotris(pyrazolyl)borate). Journal of Molecular Catalysis A, 2007, 261, 64-72.	4.8	7
46	A new polymorph of 4,4'-(ethylenedioxy)dibenzaldehyde. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o1930-o1931.	0.2	0
47	Ruthenium Allenylidene/Alkenylcarbyne Complexes Triggering Keto $\rightleftharpoons$ Enol Tautomerism: An Alternative Approach to $\text{Ru}^{\text{II}}$ -Keto Vinylidenes from Simple Ketones and 1,3-Dicarbonyl Compounds. Organometallics, 2006, 25, 4019-4025.	1.1	27
48	C-H vs. N-H Bond Activation in Aminophosphane Ligands: Reaction of $[\text{Cp}^*\text{Ru}(\text{MeCN})_2(\text{PR}_2\text{NHR}_2)]^+$ (R1 =) $\text{C}_6\text{H}_5\text{C}(\text{O})\text{C}(\text{O})\text{C}_6\text{H}_5$ / Overlock	1.0	9
49	Effect of the Counter Anion and Solvate on the Structure, Stability and Spectral Properties of a Ruthenium(II) Complex Containing Group 15 Donors and 2,2',6,6'-terpyridine. Transition Metal Chemistry, 2005, 30, 861-868.	0.7	2
50	TpRu Hydride and Dihydrogen Complexes Bearing Bidentate Phosphinoamine Ligands. NMR Study of Proton Transfer to $[\text{TpRuH}(\text{L})]$ (L = R,R-dippach, dippae; Tp = Hydrotris(pyrazolyl)borate). Organometallics, 2005, 24, 3088-3098.	1.1	27
51	Potential inhibitors of DNA topoisomerase II: ruthenium(II) poly-pyridyl and pyridyl-azine complexes. Journal of Organometallic Chemistry, 2004, 689, 2256-2267.	0.8	53
52	Activation of alkynes by $[\text{Cp}^*\text{Ru}(\text{CO})(\text{PMeiPr}_2)]^+$ : X-ray crystal structures of and. Journal of Organometallic Chemistry, 2004, 689, 2853-2859.	0.8	14
53	Helices of ruthenium complexes involving pyridyl-azine ligands: synthesis, spectral and structural aspects. Journal of Organometallic Chemistry, 2004, 689, 3612-3620.	0.8	23
54	Mononuclear hydridocarbonyl ruthenium complexes incorporating N <sub>2</sub> O <sub>2</sub> bis-chelating ligands. Journal of Organometallic Chemistry, 2004, 689, 879-882.	0.8	17

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55	Arene ruthenium complexes incorporating imine/azine hybrid-chelating Nâ€² donor ligands: synthetic, spectral, structural aspects and DFT studies. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 1821-1834.	0.8	45
56	Nucleophilic addition reactions to the allenylidene complex [Cpâˆ—RuCCCPh <sub>2</sub> (CO)(PMeiPr <sub>2</sub> )] <sup>+</sup> : X-ray crystal structures of , , and. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2776-2785.	0.8	27
57	Preparation and Reactivity of Organometallic Complexes Bearing the Fragment â€œCp*Ru(CO)(PR <sub>3</sub> )â€•(PR <sub>3</sub> =) Tj ETQq1 1 0.784314 âˆ—2-Alkene, and Other Mononuclear Complexes. <i>Organometallics</i> , 2004, 23, 504-510.	1.1	15
58	Cationic Nickel Complexes Containing Bulky Phosphine Ligands:âˆ† Catalyst Precursors for Styrene Polymerization. <i>Organometallics</i> , 2004, 23, 3139-3146.	1.1	38
59	Structure and Dynamics of Half-Sandwich Ruthenium(IV) Alkynyl Hydrido Complexesâ€•. <i>Organometallics</i> , 2003, 22, 2001-2013.	1.1	22
60	First X-ray Characterization and Theoretical Study of âˆ—Alkyne, Alkynyl-Hydride, and Vinylidene Isomers for the Same Transition Metal Fragment [Cp*Ru(PEt <sub>3</sub> ) <sub>2</sub> ] <sup>+</sup> . <i>Journal of the American Chemical Society</i> , 2003, 125, 3311-3321.	6.6	90
61	Reactions of [Cp*RuCl(PP)] (PP = dppm, dppe) with NaBARâ€ˆ4:âˆ† Structural Characterization of [{Cp*Ru} <sub>2</sub> (âˆ—4-Cl)(âˆ—4-dppm) <sub>2</sub> ][BARâ€ˆ4] and of [Cp*Ru(N <sub>2</sub> )(dppm)][BARâ€ˆ4] (Arâ€ˆ = 3,5-C <sub>6</sub> H <sub>3</sub> (CF <sub>3</sub> ) <sub>2</sub> ). <i>Organometallics</i> , 2003, 22, 1779-1782.	1.6	16
62	[Ni(âˆ—3-CH <sub>2</sub> C(CH <sub>3</sub> )CH <sub>2</sub> )(SbPh <sub>3</sub> ) <sub>3</sub> ][BARâ€ˆ4]: an extremely active cationic allyl nickelâ€“stibine catalyst for the oligomerization of styrene. <i>Chemical Communications</i> , 2003, , 1168-1169.	2.2	33
63	Reactions of RuCp and RuCp* Allyl Carbene Complexes:âˆ† Products Derived from Activation of Phenyl, Cyclohexyl, and Methyl Câˆ—H Bonds in PPh <sub>3</sub> , PCy <sub>3</sub> , and Cp* Ligands. <i>Organometallics</i> , 2002, 21, 2912-2920.	1.1	41
64	Bridging and Terminal Half-Sandwich Ruthenium Dinitrogen Complexes and Related Derivatives: A Structural Study. <i>Organometallics</i> , 2002, 21, 628-635.	1.1	49
65	Coordinatively Unsaturated Ruthenium Phosphine Half-Sandwich Complexes:âˆ† Correlations to Structure and Reactivity. <i>Organometallics</i> , 2002, 21, 5334-5346.	1.1	46
66	Reactivity of the Electron-Rich Allenylideneâˆ—Ruthenium Complexes [Cp*Ru{CCC(R)Ph}(dippe)][BPh <sub>4</sub> ](R) Tj ETQq0 0 0 rgBT /Overlock 1.1 67	1.1	67
67	Synthetic, spectral, electrochemical and structural aspects of some Ru(II) arene complexes with some novel bridging ligands. <i>Journal of Organometallic Chemistry</i> , 2002, 648, 27-32.	0.8	7
68	Synthetic, spectral and structural aspects of some mono- and binuclear (homo/hetero) Ru(II) hydrido carbonyl complexes. <i>Journal of Organometallic Chemistry</i> , 2002, 648, 39-48.	0.8	37
69	Ruthenium hydrides bearing SbPh <sub>3</sub> and AsPh <sub>3</sub> ligands: characterization of the bis(dihydrogen) complexes [Cp*Ru(H) <sub>2</sub> (EPh <sub>3</sub> ) <sup>+</sup> ] (Cp* = C <sub>5</sub> Me <sub>5</sub> ; E = Sb, As). <i>Journal of Organometallic Chemistry</i> , 2002, 663, 151-157.	0.8	11
70	Regioselective cyclization of âˆ—alkynoic acids catalysed by TpRu complexes: synthesis of endocyclic enol lactones [Tp = hydrotris(pyrazolyl)borate]. <i>Chemical Communications</i> , 2001, , 2324.	2.2	65
71	Effect of Lewis Acidity on the Synthesis of RuHCl(CO)(phosphine) <sub>2</sub> :â€• Subtle Influence of Steric and Electronic Effects among PiPr <sub>3</sub> , PiPr <sub>2</sub> (3,5-(CF <sub>3</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ), and PiPr <sub>2</sub> Me. <i>Inorganic Chemistry</i> , 2001, 40, 6444-6450.	1.9	23
72	Hydrido(3-hydroxyalkynyl) Complexes as Intermediates in the Activation of Propargyl Alcohol Derivatives by [Cp*RuCl(dippe)] [Cp* = C <sub>5</sub> Me <sub>5</sub> , dippe = 1,2-bis(diisopropylphosphanyl)ethane]. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 2391-2398.	1.0	41

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73	Structural characterisation of cationic methylallyl, methylindenyl and pentamethylcyclopentadienyl nickel complexes containing the bulky phosphine 1,2-bis(diisopropylphosphino)ethane. Dalton Transactions RSC, 2001, , 653-657.	2.3	17
74	Analysis of the Solid-State Rearrangement of Hydrido-Alkynyl Ruthenium Complexes to their Vinylidene Tautomers. , 2001, , 87-96.		1
75	Synthesis and spectroscopic properties of cationic Ru(II) arene complexes [Ru( $\eta$ -6-arene)(P)Cl(L)] <sup>+</sup> . (P=PPh <sub>3</sub> , PEt <sub>3</sub> , MePPri <sub>2</sub> and L=4-cyanopyridine or 1,4-dicyanobenzene). Journal of Organometallic Chemistry, 2000, 605, 74-81.	0.8	26
76	Synthesis and properties of the 16-electron complex [(C <sub>5</sub> Me <sub>5</sub> )RuCl(PMeiPr <sub>2</sub> )] and of half-sandwich ruthenium hydrido complexes containing bulky monodentate phosphine ligands. Journal of Organometallic Chemistry, 2000, 609, 161-168.	0.8	23
77	Analysis of the Solid-State Rearrangement of Hydrido-Alkynyl Ruthenium Complexes to their Vinylidene Tautomers. Monatshefte für Chemie, 2000, 131, 1311-1320.	0.9	18
78	Alkyne Coupling Reactions Mediated by Tris(pyrazolyl)borate Ruthenium Vinylidene Complexes: X-Ray Crystal Structures of [TpRuCCHPh(PEt <sub>3</sub> ) <sub>2</sub> ][BPh <sub>4</sub> ] and [TpRuCC(COOMe)CHCHCOOMe(PEt <sub>3</sub> ) <sub>2</sub> ][BPh <sub>4</sub> ]. Organometallics, 2000, 19, 1333-1342.	1.1	62
79	The Allenylidene Complex [Ru( $\eta$ -5-C <sub>5</sub> H <sub>5</sub> )(CCPh <sub>2</sub> )(CO)(PiPr <sub>3</sub> )]BF <sub>4</sub> as a Precursor of Novel Pyrido[1,2-a]pyrimidinyl and 1,3-Thiazinyl Complexes. Organometallics, 2000, 19, 4327-4335.	1.1	50
80	Structural Characterization of Cationic 16-Electron Half-Sandwich Ruthenium Phosphine Complexes with and without Agostic Interaction. Journal of the American Chemical Society, 2000, 122, 11230-11231.	6.6	56
81	Reductive elimination of the alkenyl fragment and a phosphine ligand from [Rh(acac)(E)-CH=CHR](PCy <sub>3</sub> ) <sub>2</sub> BF <sub>4</sub> (R=Cy, Ph, H): preparation of [(E)-RHC=CHPCy <sub>3</sub> ](PCy <sub>3</sub> ) <sub>2</sub> BF <sub>4</sub> from alkynes. Journal of Organometallic Chemistry, 1999, 577, 265-270.	0.8	6
82	S-H Bond cleavage versus thiol co-ordination in half-sandwich ruthenium complexes. Journal of the Chemical Society Dalton Transactions, 1999, , 4309-4314.	1.1	20
83	Activation of Alkynols by [Cp* <sub>2</sub> RuCl(PEt <sub>3</sub> ) <sub>2</sub> ]: New Intermediates and Alternative Dehydration Products. X-ray Crystal Structures of [Cp* <sub>2</sub> Ru{CCHC(CH <sub>2</sub> )Ph}(PEt <sub>3</sub> ) <sub>2</sub> ][BPh <sub>4</sub> ], [Cp* <sub>2</sub> Ru(CCCPh <sub>2</sub> )(PEt <sub>3</sub> ) <sub>2</sub> ][BPh <sub>4</sub> ], and [Cp* <sub>2</sub> Ru{Câ€¢CC(PEt <sub>3</sub> )Me <sub>2</sub> }(PEt <sub>3</sub> ) <sub>2</sub> ][BPh <sub>4</sub> ]. Organometallics, 1999, 18, 4563-4573.	1.1	64
84	Addition of Secondary and Primary Amines to the Allenylidene Ligand of [Ru( $\eta$ -5-C <sub>5</sub> H <sub>5</sub> )(CCPh <sub>2</sub> )(CO)(PiPr <sub>3</sub> )]BF <sub>4</sub> : Synthesis of Azoniabutadienyl, Aminoallenyl, and Azabutadienyl Derivatives of Ruthenium(II). Organometallics, 1999, 18, 4995-5003.	1.1	60
85	Activation of Alkynols by Half-Sandwich Ruthenium Complexes: Isolation of Hydroxyalkynyl(hydrido) and Hydroxyvinylidene Derivatives. Organometallics, 1999, 18, 950-951.	1.1	34
86	Synthesis, characterization, reactivity and structure of some mono and binuclear ( $\eta$ -6-p-cymene)ruthenium(II) complexes. Journal of Organometallic Chemistry, 1998, 568, 13-20.	0.8	45
87	Neutral and cationic ruthenium hydrotris(pyrazolyl)borate derivatives containing bulky monodentate phosphines. Crystal structures of [RuTp(H <sub>2</sub> O)(PPri <sub>2</sub> Me) <sub>2</sub> ][CF <sub>3</sub> SO <sub>3</sub> ]-EtOH and [RuTp(N <sub>2</sub> )(PEt <sub>3</sub> ) <sub>2</sub> ][BPh <sub>4</sub> ]. Journal of the Chemical Society Dalton Transactions, 1998, , 3601-3608.	1.1	15
88	Unexpected Formation of a Tetranuclear Heterobimetallic Complex by Reaction of a Ruthenium Alkynyl with AgCF <sub>3</sub> SO <sub>3</sub> . Organometallics, 1998, 17, 3356-3363.	1.1	20
89	Addition of Ethyl Diazoacetate to the Allenylidene Ligand of [Ru( $\eta$ -5-C <sub>5</sub> H <sub>5</sub> )(CCPh <sub>2</sub> )(CO)(PPri <sub>3</sub> )]BF <sub>4</sub> : Synthesis of Ruthenium Organometallic Compounds Containing New Cyclic Unsaturated $\eta$ -1-Carbon Ligands. Organometallics, 1998, 17, 4959-4965.	1.1	40
90	Half-Sandwich Ruthenium Phosphine Complexes with Sulfur-Donor Ligands. X-ray Crystal Structures of [Cp* <sub>2</sub> RuH(SH)(PEt <sub>3</sub> ) <sub>2</sub> ][BPh <sub>4</sub> ] and [Cp* <sub>2</sub> Ru(S <sub>2</sub> COiPr)(PEt <sub>3</sub> )]. Organometallics, 1998, 17, 4392-4399.	1.1	47

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91	Synthesis and properties of five-co-ordinate complexes of ruthenium and osmium containing the bulky phosphine 1,2-bis(diisopropylphosphino)ethane (dippe). Crystal structure of $[\text{Ru}(\text{SPh})(\text{dippe})_2][\text{BPh}_4]$ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 4619-4624.	1.1	7
92	Reactivity of $[\text{TpRuCl}(\text{dippe})]$ toward 1-Alkynes. X-ray Crystal Structures of $[\text{TpRuC}(\text{OMe})\text{CH}_2\text{COOMe}(\text{dippe})][\text{BPh}_4]$ and $[\text{TpRu}(\text{C}\equiv\text{C}(\text{Ph})\text{CH}_2)(\text{dippe})]$ (dippe = 1,2-bis(diisopropylphosphino)ethane). <i>Journal of the American Chemical Society</i> , 1997, 119, 5528-5535.	1.1	58
93	Alternative Mechanisms of the Alkyne to Vinylidene Isomerization Promoted by Half-Sandwich Ruthenium Complexes. X-ray Crystal Structures of $[\text{Cp}^*\text{RuCCHCOOMe}(\text{dippe})][\text{BPh}_4]$ and $[\text{Cp}^*\text{RuH}(\text{C}\equiv\text{C}(\text{OMe})\text{COOMe})(\text{dippe})][\text{BPh}_4]$ (dippe = 1,2-bis(diisopropylphosphino)ethane; $\text{Cp}^* = \text{C}_5\text{Me}_5$ ). <i>Journal of the American Chemical Society</i> , 1997, 119, 6529-6538.	6.6	142
94	Hydride, dihydrogen, dinitrogen and related complexes of ruthenium containing the ligand hydrotris(pyrazolyl)borate. X-ray crystal structure of $[\{\text{HB}(\text{pz})_3\}\text{Ru}(\text{i-}2\text{-H}_2)(\text{dippe})][\text{BPh}_4]$ (dippe = 1,2-bis(diisopropylphosphino)ethane). <i>Journal of the American Chemical Society</i> , 1997, 119, 10702-10705.	1.1	5
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97	Synthesis of new half-sandwich ruthenium complexes containing 1,2-bis(diisopropylphosphino)ethane (dippe); crystal structures of $[\text{Ru}(\text{C}_5\text{Me}_5)\text{Cl}(\text{dippe})]$ and $[\text{Ru}(\text{C}_5\text{Me}_5)(\text{O}_2)(\text{dippe})][\text{BPh}_4]$ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 377-381.	1.1	51
98	Synthesis of cationic arene complexes of iron and ruthenium with 1,2-bis(diisopropylphosphino)ethane (dippe): X-ray crystal structures of $[\text{RuCl}(\text{i-}6\text{-C}_6\text{H}_6)(\text{dippe})][\text{BPh}_4]$ and $[\text{RuH}(\text{i-}6\text{-C}_6\text{H}_6)(\text{dippe})][\text{BPh}_4]$ . <i>Journal of Organometallic Chemistry</i> , 1996, 525, 57-64.	0.8	31
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101	Synthesis of trans- $[\text{Mo}(\text{N}_2)_2(\text{dippe})_2]$ [dippe = 1,2-bis(diisopropylphosphino)ethane] and related derivatives, protonation of co-ordinated dinitrogen and crystal structures of trans- $[\text{MoF}(\text{NNH}_2)(\text{dippe})_2][\text{BF}_4]$ and trans- $[\text{MoCl}_2(\text{dippe})_2][\text{BF}_4]$ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 2431-2436.	1.1	18
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104	Ruthenium dihydrogen complexes via C-H cleavage in alk-1-ynes. Crystal structure of		

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109	Formation of zwitterionic ligands, $\text{ROC}-(+\text{PMe}_3)\text{S}_2^-$ , by nucleophilic attack of trimethylphosphine on coordinated xanthates. X-ray structure of $\text{MoO}[\text{S}_2\text{C}(\text{PMe}_3)\text{O-iso-Pr-S,S}'](\text{CS}_2\text{CO-iso-Pr-S,S}'\text{C})$ . <i>Inorganic Chemistry</i> , 1986, 25, 3804-3807.	1.9	19