

Carmen Puerta

List of Publications by Year in descending order

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109
papers

3,278
citations

109137

35
h-index

182168

51
g-index

110
all docs

110
docs citations

110
times ranked

2407
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, structure, antimicrobial and antioxidant investigations of dicoumarol and related compounds. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 2541-2548.	2.6	151
2	Alternative Mechanisms of the Alkyne to Vinylidene Isomerization Promoted by Half-Sandwich Ruthenium Complexes. X-ray Crystal Structures of [Cp* <i>Ru</i> CCHCOOMe(dippe)][BPh ₄] and [Cp* <i>Ru</i> H(Câ€ˆ©CCOOMe)(dippe)][BPh ₄] (dippe = 1,2-bis(diisopropylphosphino)ethane; Cp* = C ₅ Me ₅). <i>Journal of the American Chemical Society</i> , 1997, 119, 6529-6538.	6.6	142
3	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
4	First X-ray Characterization and Theoretical Study of Î€-Alkyne, Alkynyl-Hydride, and Vinylidene Isomers for the Same Transition Metal Fragment [Cp* <i>Ru</i> (PEt ₃) ₂] ⁺ . <i>Journal of the American Chemical Society</i> , 2003, 125, 3311-3321.	6.6	90
5	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
6	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
7	Reactivity of the Electron-Rich Allenylideneâ€”Ruthenium Complexes [Cp* <i>Ru</i> {CCC(R)Ph}(dippe)][BPh ₄] (R) Tj ETQq1 1 0.784314 rgBT	1.1	67
8	Regioselective cyclization of Î±,Î²-alkynoic acids catalysed by Tp <i>Ru</i> complexes: synthesis of endocyclic enol lactones [Tp = hydrotris(pyrazolyl)borate]. <i>Chemical Communications</i> , 2001, , 2324.	2.2	65
9	Activation of Alkynols by [Cp* <i>Ru</i> Cl(PEt ₃) ₂]: A New Intermediates and Alternative Dehydration Products. X-ray Crystal Structures of [Cp* <i>Ru</i> {CCHC(CH ₂)Ph}(PEt ₃) ₂][BPh ₄], [Cp* <i>Ru</i> (CCCPH ₂)(PEt ₃) ₂][BPh ₄], and [Cp* <i>Ru</i> {Câ€ˆ©CC(PEt ₃)Me ₂ }(PEt ₃) ₂][BPh ₄]. <i>Organometallics</i> , 1999, 18, 4563-4573.	1.1	64
10	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
11	Alkyne Coupling Reactions Mediated by Tris(pyrazolyl)borate Ruthenium Vinylidene Complexes: A X-Ray Crystal Structures of [Tp <i>Ru</i> CCHPh(PEt ₃) ₂][BPh ₄] and [Tp <i>Ru</i> CC(COOMe)CHCHCOOMe(PEt ₃) ₂][BPh ₄]. <i>Organometallics</i> , 2000, 19, 1333-1342.	1.1	62
12	Addition of Secondary and Primary Amines to the Allenylidene Ligand of [Ru(Î¶-C ₅ H ₅)(CCCPH ₂)(CO)(PiPr ₃)]BF ₄ : A Synthesis of Azoniabutadienyl, Aminoallenyl, and Azabutadienyl Derivatives of Ruthenium(II). <i>Organometallics</i> , 1999, 18, 4995-5003.	1.1	60
13	Study of the Interaction of [Ru(C ₅ H ₅)Cl(dippe)] and [Ru(C ₅ Me ₅)Cl(dippe)] with Dihydrogen, Dinitrogen, and Other Small Molecules. X-ray Crystal Structures of [Ru(C ₅ Me ₅)H ₂ (dippe)][BPh ₄], [Ru(C ₅ H ₅)(CNBut)(dippe)][BPh ₄], and [Ru(C ₅ H ₅)(Î¶-C ₂ H ₄)(dippe)][BPh ₄]. <i>Organometallics</i> , 1996, 15, 4565-4574.	1.1	59
14	Reactivity of [Tp <i>Ru</i> Cl(dippe)] toward 1-Alkynes. X-ray Crystal Structures of [Tp <i>Ru</i> C(OMe)CH ₂ COOMe(dippe)][BPh ₄] and [Tp <i>Ru</i> (Câ€ˆ©CC(Ph)CH ₂)(dippe)] (dippe =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50,222 Td (1.1	58
15	Structural Characterization of Cationic 16-Electron Half-Sandwich Ruthenium Phosphine Complexes with and without Agostic Interaction. <i>Journal of the American Chemical Society</i> , 2000, 122, 11230-11231.	6.6	56
16	Stabilization of 16-Electron Paramagnetic Organoiron Species versus Coordination of Dinitrogen. X-ray Crystal Structures of [Fe(.eta. ⁻⁵ -C ₅ H ₅)(N ₂)(dippe)][BPh ₄], [Fe(.eta. ⁻⁵ -C ₅ Me ₅)(dippe)][BPh ₄], and [Fe(.eta. ⁻⁵ -C ₅ H ₅)Cl(dippe)][BPh ₄] (dippe = 1,2-Bis(diisopropylphosphino)ethane). <i>Organometallics</i> , 1995, 14, 3839-3847.	1.1	55
17	Potential inhibitors of DNA topoisomerase II: ruthenium(II) poly-pyridyl and pyridyl-azine complexes. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2256-2267.	0.8	53
18	Synthesis of new half-sandwich ruthenium complexes containing 1,2-bis(diisopropylphosphino)ethane (dippe); crystal structures of [Ru(C ₅ Me ₅)Cl(dippe)] and [Ru(C ₅ Me ₅)(O ₂)(dippe)][BPh ₄]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 377-381.	1.1	51

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19	synthesis and Characterization of Ruthenium Hydride Complexes containing the bulky diphosphine 1,2-bis(diisopropylphosphino)ethane (dippe). Crystal structure of $[RuH(\eta^2-O_2)(dippe)_2][BPh_4]$. <i>Inorganic Chemistry</i> , 1994, 33, 3515-3520.	1.9	50
20	The Allenylidene Complex $[Ru(\eta^5-C_5H_5)(CCCPh_2)(CO)(P^iPr_3)]BF_4$ as a Precursor of Novel Pyrido[1,2-a]pyrimidinyl and 1,3-Thiazinyl Complexes. <i>Organometallics</i> , 2000, 19, 4327-4335.	1.1	50
21	Bridging and Terminal Half-Sandwich Ruthenium Dinitrogen Complexes and Related Derivatives: A Structural Study. <i>Organometallics</i> , 2002, 21, 628-635.	1.1	49
22	Half-Sandwich Ruthenium Phosphine Complexes with Sulfur-Donor Ligands. X-ray Crystal Structures of $[Cp^*RuH(SH)(PEt_3)_2][BPh_4]$ and $[Cp^*Ru(S_2COiPr)(PEt_3)]$. <i>Organometallics</i> , 1998, 17, 4392-4399.	1.1	47
23	Coordinatively Unsaturated Ruthenium Phosphine Half-Sandwich Complexes: Correlations to Structure and Reactivity. <i>Organometallics</i> , 2002, 21, 5334-5346.	1.1	46
24	Synthesis, characterization, reactivity and structure of some mono and binuclear (<i>l</i> -6- <i>p</i> -cymene)ruthenium(II) complexes. <i>Journal of Organometallic Chemistry</i> , 1998, 568, 13-20.	0.8	45
25	Arene ruthenium complexes incorporating imine/azine hybrid-chelating N^2O^2 donor ligands: synthetic, spectral, structural aspects and DFT studies. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 1821-1834.	0.8	45
26	Half-Sandwich Halide, Alkyl, Hydride, and Related Complexes of Iron Containing the Bulky Diphosphine 1,2-Bis(diisopropylphosphino)ethane. Crystal Structure of $[FeH_2(C_5Me_5)(dippe)][BPh_4]$. <i>Organometallics</i> , 1994, 13, 3330-3337.	1.1	43
27	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
28	Hydrido(3-hydroxyalkynyl) Complexes as Intermediates in the Activation of Propargyl Alcohol Derivatives by $[Cp^*RuCl(dippe)]$ [$Cp^* = C_5Me_5$, dippe = 1,2-bis(diisopropylphosphanyl)ethane]. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 2391-2398.	1.0	41
29	Reactions of $RuCp$ and $RuCp^*$ Allyl Carbene Complexes: Products Derived from Activation of Phenyl, Cyclohexyl, and Methyl C-H Bonds in PPh_3 , PCy_3 , and Cp^* Ligands. <i>Organometallics</i> , 2002, 21, 2912-2920.	1.1	41
30	Hydride, dihydrogen, dinitrogen and related complexes of ruthenium containing the ligand hydrotris(pyrazolyl)borate. X-ray crystal structure of $[{HB(pz)_3}Ru(\eta^2-H_2)(dippe)][BPh_4]$ (dippe = Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		
31	Addition of Ethyl Diazoacetate to the Allenylidene Ligand of $[Ru(\eta^5-C_5H_5)(CCCPh_2)(CO)(P^iPr_3)]BF_4$: Synthesis of Ruthenium Organometallic Compounds Containing New Cyclic Unsaturated η^1 -Carbon Ligands. <i>Organometallics</i> , 1998, 17, 4959-4965.	1.1	40
32	Cationic Nickel Complexes Containing Bulky Phosphine Ligands: Catalyst Precursors for Styrene Polymerization. <i>Organometallics</i> , 2004, 23, 3139-3146.	1.1	38
33	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
34	Internal Alkyne Isomerization to Vinylidene versus Stable η^1 -Alkyne: Theoretical and Experimental Study on the Divergence of Analogous Cp^*Ru and $TpRu$ Systems. <i>Organometallics</i> , 2011, 30, 4014-4031.	1.1	36
35	Counteranion and Solvent Assistance in Ruthenium-Mediated Alkyne to Vinylidene Isomerizations. <i>Inorganic Chemistry</i> , 2013, 52, 8919-8932.	1.9	36
36	Irreversible rearrangement of half-sandwich ruthenium hydrido-alkynyl complexes to their vinylidene isomers. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1757-1758.	2.0	35

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37	Activation of Alkynols by Half-Sandwich Ruthenium Complexes: Isolation of Hydroxyalkynyl(hydrido) and Hydroxyvinylidene Derivatives. <i>Organometallics</i> , 1999, 18, 950-951.	1.1	34
38	Coordinatively Unsaturated Semisandwich Complexes of Ruthenium with Phosphinoamine Ligands and Related Species: A Complex Containing η^3 -1,2-Bis((diisopropylphosphino)amino)cyclohexane in a New Coordination Form η^3 -1,2-Bis((diisopropylphosphino)amino)cyclohexane. <i>Inorganic Chemistry</i> , 2007, 46, 6958-6967.	1.9	34
39	Coordination of dioxygen at a dihydrogen-binding site: crystal structure of $[\text{RuH}(\eta^2\text{-O}_2)(\text{dippe})_2][\text{BPh}_4]$ [dippe = 1,2-bis(diisopropylphosphino)ethane]. <i>Journal of the American Chemical Society</i> , 1993, 115, 9794-9795.	6.6	33
40	$[\text{Ni}(\eta^3\text{-CH}_2\text{C}(\text{CH}_3)\text{CH}_2)(\text{SbPh}_3)_3][\text{BARf}_4]$: an extremely active cationic allyl nickel-stibine catalyst for the oligomerization of styrene. <i>Chemical Communications</i> , 2003, , 1168-1169.	2.2	33
41	Functionalized N-Heterocyclic Carbene Nonspectator Ligands upon Internal Alkyne Activation Reactions. <i>Inorganic Chemistry</i> , 2013, 52, 6502-6509.	1.9	32
42	Synthesis of cationic arene complexes of iron and ruthenium with 1,2-bis(diisopropylphosphino)ethane (dippe): X-ray crystal structures of $[\text{RuCl}(\eta^6\text{-C}_6\text{H}_6)(\text{dippe})][\text{BPh}_4]$ and $[\text{RuH}(\eta^6\text{-C}_6\text{H}_6)(\text{dippe})][\text{BPh}_4]$. <i>Journal of Organometallic Chemistry</i> , 1996, 525, 57-64.	0.8	31
43	Allenylidene/Alkenylcarbyne Synthesis and Reactivity in Ruthenium Complexes with Monodentate Phosphine Ligands. <i>Organometallics</i> , 2009, 28, 1546-1557.	1.1	31
44	Reactivity of the Ruthenium Hydride Complex $[\text{Ru}(\eta^3\text{-H}_2\text{S}_2\text{HB}(\text{mt})_3)\text{H}(\text{PPh}_3)_2]$ ($\text{HB}(\text{mt})_3 = \text{TjETQqO}$). <i>Organometallics</i> , 2009, 28, 2787-2798.	1.1	31
45	η^3 -Substituted Vinylidene, Chroman-2-ylidene, and Hexahydrochromen-2-ylidene from Ruthenium Allenylidene/Alkenylcarbyne Complexes. <i>Organometallics</i> , 2007, 26, 4300-4309.	1.1	30
46	Oligomerization and regioselective hydrosilylation of styrenes catalyzed by cationic allyl nickel complexes bearing allylphosphine ligands. <i>Dalton Transactions</i> , 2007, , 3000-3009.	1.6	29
47	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
48	Nucleophilic addition reactions to the allenylidene complex $[\text{Cp}^*-\text{Ru}(\text{CCCPh}_2)(\text{CO})(\text{PMeiPr}_2)]^+$: X-ray crystal structures of , , and. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2776-2785.	0.8	27
49	TpRu Hydride and Dihydrogen Complexes Bearing Bidentate Phosphinoamine Ligands. NMR Study of Proton Transfer to $[\text{TpRuH}(\text{L})]$ ($\text{L} = \text{R,R-dippach}$, dippae ; $\text{Tp} = \text{Hydrotris}(\text{pyrazolyl})\text{borate}$). <i>Organometallics</i> , 2005, 24, 3088-3098.	1.1	27
50	Ruthenium Allenylidene/Alkenylcarbyne Complexes Triggering Keto-Enol Tautomerism: An Alternative Approach to η^3 -Keto Vinylidenes from Simple Ketones and 1,3-Dicarbonyl Compounds. <i>Organometallics</i> , 2006, 25, 4019-4025.	1.1	27
51	Synthesis and spectroscopic properties of cationic Ru(II) arene complexes $[\text{Ru}(\eta^6\text{-arene})(\text{P})\text{Cl}(\text{L})]^+$. ($\text{P} = \text{PPh}_3$, PEt_3 , MePPri_2 and $\text{L} = 4\text{-cyanopyridine}$ or $1,4\text{-dicyanobenzene}$). <i>Journal of Organometallic Chemistry</i> , 2000, 605, 74-81.	0.8	26
52	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
53	Electrophile-induced domino cyclization reaction for the synthesis of 2,2a,10,11-tetrahydrofuro[2,4-b:4,6]pyrano[2,3-b]quinolines. <i>Tetrahedron Letters</i> , 2008, 49, 6423-6425.	0.7	25
54	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

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55	Synthesis and properties of the 16-electron complex [(C5Me5)RuCl(PMeiPr2)] and of half-sandwich ruthenium hydrido complexes containing bulky monodentate phosphine ligands. <i>Journal of Organometallic Chemistry</i> , 2000, 609, 161-168.	0.8	23
56	Effect of Lewis Acidity on the Synthesis of RuHCl(CO)(phosphine)2: Subtle Influence of Steric and Electronic Effects among PiPr3, PiPr2(3,5-(CF3)2C6H3), and PiPr2Me. <i>Inorganic Chemistry</i> , 2001, 40, 6444-6450.	1.9	23
57	Helices of ruthenium complexes involving pyridylazine ligands: synthesis, spectral and structural aspects. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 3612-3620.	0.8	23
58	Structure and Dynamics of Half-Sandwich Ruthenium(IV) Alkynyl Hydrido Complexes. <i>Organometallics</i> , 2003, 22, 2001-2013.	1.1	22
59	Nucleophilic Addition Reactions to Allenylidene Complexes of Ruthenium Bearing Hemilabile P,N Ligands: Isolation of the Vinylcarbene Complex [Cp*Ru(η ² -CPh) ₂ (η ¹ -Pr) ₂ (PNHPy)][PF ₆]. <i>Organometallics</i> , 2011, 30, 726-737.	1.1	22
60	Polymorphic Signature of the Anti-inflammatory Activity of 2,2'-[[1,2-Phenylenebis(methylene)]bis(sulfaneyl)]bis(4,6-dimethylnicotinonitrile). <i>Crystal Growth and Design</i> , 2014, 14, 1347-1356.	1.4	22
61	Ruthenium dihydrogen complexes via C-H cleavage in alk-1-yne. Crystal structure of		

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73	Mononuclear hydridocarbonyl ruthenium complexes incorporating N ₂ O ₂ bis-chelating ligands. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 879-882.	0.8	17
74	Reactions of [Cp* <i>Ru</i> Cl(PP)] (PP = dp ₃ p ₃ m, dp ₃ p ₃ e) with NaBAR ⁴ : Structural Characterization of [Cp* <i>Ru</i>] ₂ ($\frac{1}{4}$ -Cl)($\frac{1}{4}$ -dp ₃ p ₃ m) ₂ [BAR ⁴] and of [Cp* <i>Ru</i> (N ₂)(dp ₃ p ₃ m)][BAR ⁴] (AR ⁴ = 3,5-C ₆ H ₃ (CF ₃) ₂). <i>Organometallics</i> , 2003, 22, 1779-1782.		16
75	Neutral and cationic ruthenium hydrotris(pyrazolyl)borate derivatives containing bulky monodentate phosphines. Crystal structures of [RuTp(H ₂ O)(PPri ₂ Me) ₂][CF ₃ SO ₃] \cdot EtOH and [RuTp(N ₂)(PEt ₃) ₂][BPh ₄]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 3601-3608.	1.1	15
76	Preparation and Reactivity of Organometallic Complexes Bearing the Fragment η^5 -Cp* <i>Ru</i> (CO)(PR ₃) η^5 -(PR ₃) ₂ Tj ETQqO O O rgBT /Overl	1.1	15
77	Activation of Propargyl Alcohols by TpRu Complexes Bearing a Bidentate NHC Ligand. <i>Organometallics</i> , 2016, 35, 388-399.	1.1	15
78	An unexpected molybdenum(0) complex with η^6 -MoP ₆ η^6 -coordination: crystal structure of [Mo{P(CH ₂ CH ₂ PPh ₂) ₃] ₂ \cdot C ₅ H ₁₀ . <i>Journal of Organometallic Chemistry</i> , 1991, 420, 371-377.	0.8	14
79	Activation of alkynes by [Cp* <i>Ru</i> (CO)(PMeiPr ₂) ₂] ⁺ : X-ray crystal structures of and. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2853-2859.	0.8	14
80	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
81	Half-Sandwich Hydride Complexes of Ruthenium with Bidentate Phosphinoamine Ligands: η^6 -Proton-Transfer Reactions to [(C ₅ R ₅)RuH(L)] [R = H, Me; L = dip ₃ p ₃ e, (R,R)-dip ₃ p ₃ ch]. <i>Inorganic Chemistry</i> , 2007, 46, 1001-1012.	1.9	12
82	Ruthenium hydrides bearing SbPh ₃ and AsPh ₃ ligands: characterization of the bis(dihydrogen) complexes [Cp* <i>Ru</i> (H) ₂ (EPh ₃) ₂] ⁺ (Cp* = C ₅ Me ₅ ; E = Sb, As). <i>Journal of Organometallic Chemistry</i> , 2002, 663, 151-157.	0.8	11
83	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
84	C-H vs. N-H Bond Activation in Aminophosphane Ligands: Reaction of [Cp* <i>Ru</i> (MeCN) ₂ (PR ₁₂ NHR ₂)] ⁺ (R ₁ =) Tj ETQqO O O rgBT /Overl	1.0	9
85	Counteranion-Dependent Reaction Pathways in the Protonation of Cationic Ruthenium η^6 -Vinylidene Complexes. <i>Organometallics</i> , 2014, 33, 2549-2560.	1.1	8
86	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 [Ru(SPh)(dippe) ₂][BPh ₄] \cdot Et ₂ O. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 4619-4624.	1.1	7
87	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
88	TpRu complexes as recoverable Lewis acid catalysts for enantioselective solvent-free cycloaddition reactions (Tp = hydrotris(pyrazolyl)borate). <i>Journal of Molecular Catalysis A</i> , 2007, 261, 64-72.	4.8	7
89	Water mediated self assembly of 5-(2-benzimidazole-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
90	Reductive elimination of the alkenyl fragment and a phosphine ligand from [Rh(acac) η^5 -(E)-CH=CHR ²](PCy ₃) ₂ BF ₄ (R = Cy, Ph, H): preparation of [(E)-RHC=CHPCy ₃] ₂ BF ₄ from alkynes. <i>Journal of Organometallic Chemistry</i> , 1999, 577, 265-270.	0.8	6

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91	Facile O-H Bond Activation in Alcohols by [Cp* <i>RuCl</i> (P ₂ PSX)] (X = Pyridyl, Tj ETQq1 1 0.784314 rgBT /Ove 12399-12401.	1.9	6
92	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
93	Cationic R-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
94	Mechanism of the decomposition reaction of trans-[Mo(N ₂) ₂ (PPh ₂ Me) ₄] and of its reaction with pyridine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 1291-1295.	1.1	5
95	Differential Reactivity of [TpRu(¹⁹ P,N-iPr ₂ PXPY)Cl] (X = NH, S) Bearing Hemilabile Coligands Towards NaBARF ₄ , Lithium Acetylide, and Acetylenes. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1811-1818.	1.0	5
96	Atom-Economical Synthesis of the Versatile Ruthenium Precursor [TpRuCl(COD)] (Tp =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (H 34, 1001-1004.	1.1	5
97	First examples of neutral and cationic indenyl nickel(<i>ii</i>) 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
98	Formation of a Coordinated 2-Aminoethylidene Ligand and Its Rearrangement by Deprotonation into a Phosphinoallyl Ligand Containing a Pyrrolidin-2-yl Ring. <i>Inorganic Chemistry</i> , 2008, 47, 8598-8600.	1.9	3
99	One pot synthesis of a TpRu carbene: Formation and structural characterization of neutral alkylidene complex [TpRu(CHPh)(PMeiPr ₂)Cl]. <i>Inorganica Chimica Acta</i> , 2009, 362, 3857-3859.	1.2	3
100	Activation of Dichloromethane by a Bis-NHC Cp* <i>Ru</i> Complex: Formation of a Pentamethyl(chloromethyl)cyclopentadiene Ligand. <i>Organometallics</i> , 2021, 40, 2405-2408.	1.1	3
101	(<i>E</i>)-2-(2-Nitroethenyl)furan. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1979-o1979.	0.2	3
102	Thermal behaviour of the materials [MCl ₂ (PMe ₃) ₄] and [MCl ₂ (PMe ₃) ₂ (CN-t-Bu) ₃] (M=Mo, W); Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 1.2	1.2	2
103	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',2''-terpyridine. <i>Transition Metal Chemistry</i> , 2005, 30, 861-868.	0.7	2
104	Molecular Docking Study of Conformational Polymorph: Building Block of Crystal Chemistry. <i>Scientific World Journal, The</i> , 2013, 2013, 1-6.	0.8	2
105	[(1 <i>R</i>)-3-Benzoyl-1,7,7-trimethylbicyclo[2.2.1]heptan-2-onato- ¹⁹ O, ¹⁹ O]chlorido(<i>1</i> -6- <i>p</i> -cymene)ruthenium(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m281-m281.	0.2	1
106	Analysis of the Solid-State Rearrangement of Hydrido-Alkynyl Ruthenium Complexes to their Vinylidene Tautomers. , 2001, , 87-96.		1
107	A new polymorph of 4-(ethylenedioxy)dibenzaldehyde. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o1930-o1931.	0.2	0
108	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

#	ARTICLE	IF	CITATIONS
109	(<i>E</i>)-2-(2-Nitroprop-1-enyl)furan. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o2060-o2061.	0.2	0