

Stefano Antoniutti

List of Publications by Year in Descending Order

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131
papers

2,062
citations

25
h-index

34
g-index

132
ext. papers

2,150
ext. citations

3.6
avg, IF

4.47
L-index

#	Paper	IF	Citations
131	Preparation and crystal structure of the boranehydrazine complex $[\text{RuCl}(\eta\text{-NH}_2\text{NH}_2\text{BPh}_3)\{\text{P}(\text{OEt})_3\}_4]\text{BPh}_4$. <i>Polyhedron</i> , 2019 , 169, 78-83	2.7	
130	Reactions of Organic Azides with Half-sandwich Complexes of Iridium: Preparation of Mono- and Bis(imine) Derivatives. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019 , 645, 638-644	1.3	
129	Pentamethylcyclopentadienyl half-sandwich hydrazine complexes of ruthenium: preparation and reactivity. <i>New Journal of Chemistry</i> , 2019 , 43, 2676-2686	3.6	4
128	Pentamethylcyclopentadienyl osmium complexes that contain diazoalkane, dioxygen and allenylidene ligands: preparation and reactivity. <i>Dalton Transactions</i> , 2019 , 48, 3116-3131	4.3	5
127	Synthesis and structure of the mixed phosphito-phosphine cation complex $[\text{Ru}(\eta\text{-C}_5\text{H}_5)(\text{CO})(\text{PPh}_3)\{\text{P}(\text{OMe})_3\}]\text{BPh}_4$. <i>Journal of Coordination Chemistry</i> , 2019 , 72, 1652-1660	1.6	1
126	Preparation and Reactivity of Mixed-Ligands Hydride Complexes $[\text{RuHCl}(\text{CO})(\text{PPh}_3)_2\{\text{P}(\text{OR})_3\}]$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019 , 645, 688-693	1.3	
125	Half-sandwich hydrazine complexes of iridium: Preparation and reactivity. <i>Inorganica Chimica Acta</i> , 2018 , 470, 139-148	2.7	9
124	Preparation and reactivity of half-sandwich organic azide complexes of osmium. <i>Dalton Transactions</i> , 2018 , 47, 11658-11668	4.3	5
123	Stannyl Complexes of Rhodium and Iridium: Preparation of Mono- and Bis(trihydrigestannyl) Derivatives. <i>ChemistrySelect</i> , 2018 , 3, 12357-12362	1.8	1
122	Preparation of Diethylcyanamide and Cyanoguanidine Complexes of Iridium. <i>ChemistrySelect</i> , 2018 , 3, 11054-11058	1.8	4
121	Trichlorostannyl complexes of Ruthenium(II): Synthesis, structure, reactivity and computational studies. <i>Journal of Organometallic Chemistry</i> , 2018 , 874, 74-82	2.3	1
120	Preparation and reactivity of half-sandwich dioxygen complexes of ruthenium. <i>Dalton Transactions</i> , 2018 , 47, 9173-9184	4.3	4
119	Preparation of half-sandwich azine complexes of osmium. <i>Polyhedron</i> , 2017 , 138, 133-139	2.7	2
118	Preparation of metalated azine complexes of iridium(III). <i>New Journal of Chemistry</i> , 2017 , 41, 12976-12986	3.6	5
117	Ruthenium(II) pentamethylcyclopentadienyl half-sandwich carbene complexes with polypyridyl ligands. <i>Journal of Organometallic Chemistry</i> , 2017 , 848, 1-9	2.3	4
116	Preparation of diazoalkane complexes of iron(II). <i>RSC Advances</i> , 2016 , 6, 97650-97658	3.7	8
115	Preparation of Azine Complexes of Ruthenium(II). <i>ChemistrySelect</i> , 2016 , 1, 6188-6195	1.8	4

114	Preparation of Hydride-Ethylene Complexes of Osmium. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016 , 642, 250-254	1.3	2
113	Preparation of half-sandwich diazoalkane complexes of osmium. <i>Polyhedron</i> , 2016 , 104, 46-51	2.7	9
112	Pentamethylcyclopentadienyl Half-Sandwich Diazoalkane Complexes of Ruthenium: Preparation and Reactivity. <i>Inorganic Chemistry</i> , 2016 , 55, 5592-602	5.1	17
111	Reactivity with alkene and alkyne of pentamethylcyclopentadienyl half-sandwich diazoalkane complexes of ruthenium. <i>Journal of Organometallic Chemistry</i> , 2016 , 822, 259-268	2.3	10
110	Diazoalkane complexes of ruthenium with tris(pyrazolyl)borate and bis(pyrazolyl)acetate ligands. <i>Dalton Transactions</i> , 2015 , 44, 15470-80	4.3	16
109	Preparation and reactivity of diazoalkane complexes of ruthenium stabilised by an indenyl ligand. <i>Dalton Transactions</i> , 2015 , 44, 9289-303	4.3	20
108	Preparation of pyranilidene complexes of ruthenium. <i>Dalton Transactions</i> , 2015 , 44, 7411-8	4.3	3
107	Hydrolysis of coordinated diazoalkanes to yield side-on 1,2-diazene derivatives. <i>Inorganic Chemistry</i> , 2015 , 54, 2091-3	5.1	19
106	Reactivity with Amines of Bis(cyanamide) and Bis(cyanoguanidine) Complexes of the Iron Triad. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015 , 641, 814-819	1.3	8
105	Reactivity of vinylidene complexes of ruthenium with hydrazines and hydroxylamines. <i>Dalton Transactions</i> , 2015 , 44, 3439-46	4.3	11
104	Hydrazine complexes of ruthenium with cyclopentadienyl and indenyl ligands: Preparation and reactivity. <i>Journal of Organometallic Chemistry</i> , 2014 , 774, 6-11	2.3	7
103	Preparation and reactivity towards hydrazines of bis(cyanamide) and bis(cyanoguanidine) complexes of the iron triad. <i>Dalton Transactions</i> , 2014 , 43, 7314-23	4.3	18
102	Preparation of Diazoalkane Complexes of Ruthenium and Their Cyclization Reactions with Alkenes and Alkynes. <i>Organometallics</i> , 2014 , 33, 3570-3582	3.8	24
101	Preparation and reactivity of germyl complexes of ruthenium and osmium stabilised by cyclopentadienyl, indenyl and tris(pyrazolyl)borate fragments. <i>Journal of Organometallic Chemistry</i> , 2014 , 751, 412-419	2.3	9
100	Preparation of diethylcyanamide and cyanoguanidine complexes of manganese and rhenium. <i>Journal of Organometallic Chemistry</i> , 2014 , 767, 83-90	2.3	7
99	Reactions of IrHCl ₂ (PPh ₃) ₂ {P(OEt) ₃ } with Organic Azides: Formation of Aminophosphonium Salts. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014 , 640, 136-139	1.3	5
98	Reactivity with aryldiazonium cations of hydrazine complexes of ruthenium and osmium. <i>Polyhedron</i> , 2014 , 67, 295-300	2.7	4
97	Azo complexes of osmium(II): preparation and reactivity of organic azide and hydrazine derivatives. <i>Inorganic Chemistry</i> , 2013 , 52, 2870-9	5.1	20

96	Cycloaddition of Coordinated Diazoalkanes to Ethene To Yield 3H-Pyrazole Derivatives. <i>Organometallics</i> , 2013 , 32, 3157-3160	3.8	17
95	Preparation and Reactivity of Stannyl Complexes of Ruthenium(II) Stabilized by an Indenyl Ligand. <i>Organometallics</i> , 2013 , 32, 3651-3661	3.8	11
94	Preparation of methylhydrazine and methyldiazene complexes of molybdenum and tungsten. <i>Polyhedron</i> , 2012 , 38, 162-168	2.7	5
93	Preparation and reactivity of half-sandwich hydrazine complexes of ruthenium and osmium. <i>Journal of Organometallic Chemistry</i> , 2012 , 697, 6-14	2.3	16
92	Synthesis and reactivity of germyl complexes of manganese and rhenium. <i>Journal of Organometallic Chemistry</i> , 2012 , 696, 4191-4201	2.3	10
91	Preparation of half-sandwich ethylene complexes of Osmium(II). <i>Journal of Organometallic Chemistry</i> , 2012 , 702, 45-51	2.3	10
90	Preparation and reactivity of stannyl and germyl complexes of cobalt. <i>Journal of Organometallic Chemistry</i> , 2012 , 718, 108-116	2.3	3
89	Preparation of Germyl Complexes of Osmium(II). <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 4327-4333	2.3	4
88	Preparation of Pyrazole-Pyrazolate Half-Sandwich Complexes of Ruthenium and Osmium. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 510-520	2.3	14
87	Preparation of Half-Sandwich Alkoxy-carbene Complexes of Osmium(II). <i>Organometallics</i> , 2011 , 30, 1558-1568	3.8	15
86	Preparation of Half-Sandwich Stannyl Complexes of Osmium(II). <i>Organometallics</i> , 2011 , 30, 1914-1919	3.8	10
85	Reactivity of Dihydrides MH ₂ P ₄ (M = Fe, Ru, Os) with SnCl ₂ : Preparation of Bis(trihydridostannyl) Derivatives. <i>Organometallics</i> , 2010 , 29, 3808-3816	3.8	16
84	Preparation of imine complexes of ruthenium and osmium stabilised by [MCl(η -p-cymene)(PR ₃) ₂] ⁺ fragments. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 574-579	2.3	20
83	Preparation and reactivity of p-cymene complexes of ruthenium and osmium incorporating 1,3-triazene ligands. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 2142-2152	2.3	29
82	Preparation of trihydridostannyl complexes of rhenium stabilised by isocyanide ligands. <i>Inorganica Chimica Acta</i> , 2010 , 363, 605-616	2.7	10
81	Preparation of Cyanoguanidine and Ethylcyanamide Complexes of Ruthenium(II) and Osmium(II). <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 5352-5357	2.3	17
80	Trichlorostannyl complexes of iridium with both P-donor and N-donor ligands: Preparation and activity as hydrogenation catalysts. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 3142-3148	2.3	8
79	Reaction of Trihydridostannyl Complexes with SO ₂ : Preparation of [Re ₂ {Sn ₂ (η -C ₅ H ₅)(η -SO ₃) ₂ }(CO) ₄ L ₂ {PPh(OEt) ₂ } ₄] (L = PPh(OEt) ₂ , (CH ₃) ₃ CNC). <i>Organometallics</i> , 2009 , 28, 1270-1273	3.8	11

78	Preparation of (β-Alkoxyfluorenyl)(β-p-Cymene)-Sandwich Ruthenium(II) Complexes. <i>Organometallics</i> , 2009 , 28, 4475-4479	3.8	21
77	Preparation of benzyl azide complexes of iridium(III). <i>Inorganic Chemistry</i> , 2008 , 47, 742-8	5.1	60
76	Synthesis and Reactivity of Trihydridostannyl Complexes of Ruthenium and Osmium. <i>Organometallics</i> , 2008 , 27, 4407-4418	3.8	24
75	Preparation of Trivinylstannyl Complexes of Manganese and Rhenium. <i>Organometallics</i> , 2008 , 27, 2789-2794	3.9	12
74	Reactions of Hydride Complexes of Ruthenium and Osmium with Propargylic Alcohols: Preparation of Chelate Vinyl Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 1913-1920	2.3	6
73	Preparation of benzophenone imine complexes of transition metals. <i>Inorganica Chimica Acta</i> , 2008 , 361, 1744-1753	2.7	4
72	Preparation of stannyl complexes of ruthenium and osmium stabilised by polypyridine and phosphite ligands. <i>Dalton Transactions</i> , 2007 , 5441-52	4.3	15
71	Preparation and Reactivity of Stannyl Complexes of Manganese and Rhenium. <i>Organometallics</i> , 2007 , 26, 2918-2930	3.8	37
70	Preparation and Reactivity of Hydridorhenium Complexes with Polypyridine and Phosphonite Ligands. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 1713-1722	2.3	7
69	Reaction of bis(aryldiazenido) complexes of rhenium with bromine: Preparation of new diazo derivatives. <i>Polyhedron</i> , 2007 , 26, 4691-4696	2.7	2
68	Preparation and reactivity with azo-species of hydride and dihydrogen complexes of osmium stabilised by tris(pyrazolyl)borate and phosphite ligands. <i>Journal of Organometallic Chemistry</i> , 2007 , 692, 3706-3717	2.3	12
67	Preparation of hydride complexes of ruthenium with bidentate phosphite ligands. <i>Journal of Organometallic Chemistry</i> , 2007 , 692, 5481-5491	2.3	13
66	Reactions of manganese and rhenium complexes with organic azides: preparation of tetraazabutadiene derivatives. <i>Dalton Transactions</i> , 2007 , 661-8	4.3	24
65	Preparation and reactivity of iridium(III) hydride complexes with pyrazole and imidazole ligands. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 1012-1024	2.3	7
64	Preparation of Hydroxylamine and O-Methylhydroxylamine Complexes of Manganese and Rhenium. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 3451-3462	2.3	15
63	Tin Trihydride as a Ligand in Osmium Complexes. <i>Organometallics</i> , 2006 , 25, 4235-4237	3.8	26
62	Synthesis and characterization of triazenide and triazene complexes of ruthenium and osmium. <i>Inorganic Chemistry</i> , 2006 , 45, 3816-25	5.1	52
61	Preparation and protonation reactions of aryl complexes of manganese and rhenium. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 5592-5601	2.3	5

- 60 Preparation and reactivity of penta- and tetra-coordinate platinum(II) hydride complexes with P(OEt)₃ and PPh(OEt)₂ phosphite ligands. *Dalton Transactions*, **2005**, 2641-9 4.3 11
- 59 Tautomerization of methyl diazene to formaldehyde-hydrazone in ruthenium and osmium complexes. *Inorganic Chemistry*, **2005**, 44, 8947-54 5.1 28
- 58 Synthesis and reactivity of hydride and dihydrogen complexes of ruthenium with tris(pyrazolyl)borate and phosphite ligands. *Journal of Organometallic Chemistry*, **2005**, 690, 1726-1738 2.3 25
- 57 Preparation of rhenium hydride complexes with pyrazole and pyrazolato ligands. *Journal of Organometallic Chemistry*, **2005**, 690, 4573-4582 2.3 10
- 56 Insertion of heteroallenes into the rhenium-hydride bond. *Inorganica Chimica Acta*, **2005**, 358, 3093-3105 2.7 9
- 55 New Nitrosylrhenium Hydrides as Precursors of Diazo Complexes: Preparation of Hydrazine and Diazene Derivatives. *European Journal of Inorganic Chemistry*, **2004**, 2004, 1922-1938 2.3 24
- 54 Diazo complexes of osmium: preparation of binuclear derivatives with bis(aryldiazene) and bis(aryldiazenido) bridging ligands. *Inorganica Chimica Acta*, **2004**, 357, 1119-1133 2.7 14
- 53 Preparation and reactivity of osmium(II) hydride complexes with phosphites and polypyridyls. *Journal of Organometallic Chemistry*, **2004**, 689, 1639-1647 2.3 13
- 52 Preparation and reactivity of mixed-ligand iron(II) hydride complexes with phosphites and polypyridyls. *Inorganic Chemistry*, **2004**, 43, 1328-35 5.1 22
- 51 Preparation and reactivity of mixed-ligand ruthenium(II) hydride complexes with phosphites and polypyridyls. *Inorganic Chemistry*, **2004**, 43, 1336-49 5.1 41
- 50 Ruthenium tris(pyrazolyl)borate diazo complexes: preparation of aryldiazenido, aryldiazene, and hydrazine derivatives. *Inorganic Chemistry*, **2004**, 43, 4511-22 5.1 38
- 49 Preparation of Hydroxylamine Complexes of Ruthenium(II), Osmium(II) and Iridium(III). *European Journal of Inorganic Chemistry*, **2003**, 2003, 2845-2854 2.3 4
- 48 Preparation and Reactivity of Hydrazine Complexes of Rhenium: Synthesis of 1,2-Diazene (NH=NH) and Methyleneimine (CH₂=NH) Derivatives. *European Journal of Inorganic Chemistry*, **2003**, 2003, 2855-2866 2.3 30
- 47 Preparation of bis(aryldiazene) and new aryldiazenido complexes of rhenium. *Journal of Organometallic Chemistry*, **2003**, 679, 208-219 2.3 13
- 46 Iridium-assisted CC bond cleavage of 1-alkyne by water: preparation of new alkyl derivatives. *Dalton Transactions*, **2003**, 2881-2888 4.3 20
- 45 Methyleneimine CH₂=NH as a Unidentate Ligand in Rhenium Complexes. *Angewandte Chemie*, **2002**, 114, 2296 3.6 9
- 44 Methyleneimine CH₂=NH as a Unidentate Ligand in Rhenium Complexes. *Angewandte Chemie - International Edition*, **2002**, 41, 2192 16.4 16
- 43 Preparation of acetylide and propadienylidene complexes of iron(II). *Polyhedron*, **2002**, 21, 1755-1760 2.7 16

42	Preparation of new diazene complexes of ruthenium and osmium. <i>Dalton Transactions RSC</i> , 2002 , 3313		21
41	Preparation of aryldiazene complexes of rhodium. <i>Journal of Organometallic Chemistry</i> , 2001 , 627, 99-104	4.3	4
40	Preparation of new diazo complexes of manganese stabilised by phosphite ligands. <i>Journal of Organometallic Chemistry</i> , 2001 , 625, 217-230	2.3	20
39	Diazo complexes of rhenium with phosphite ligands: facile synthesis of bis(dinitrogen) [Re(N ₂)(2)P ₄]BPh ₄ derivatives. <i>Inorganic Chemistry</i> , 2001 , 40, 5465-7	5.1	13
38	Reactivity of [Re(η-H ₂)(CO) ₂ P ₃] ⁺ cations with alkynes: preparation of vinylidene and propadienylidene complexes. <i>Journal of Organometallic Chemistry</i> , 2000 , 609, 10-20	2.3	19
37	Preparation and reactivity of dihydrogen complexes [MX(η-H ₂)P ₄]BF ₄ (M = Ru or Os; X = halogenide or SET ⁻ ; P = phosphite). <i>Dalton Transactions RSC</i> , 2000 , 3575-3584		18
36	Preparations, structures, and electrochemical studies of aryldiazene complexes of rhenium: syntheses of the first heterobinuclear and heterotrinary derivatives with bis(diazene) or bis(diazenido) bridging ligands. <i>Inorganic Chemistry</i> , 2000 , 39, 3265-79	5.1	25
35	Diazo complexes of rhenium: preparations and crystal structures of the bis(dinitrogen), [Re(N ₂) ₂ (PPh(OEt) ₂) ₄][BPh ₄] and methyldiazenido [ReCl(CH ₃ N ₂)(CH ₃ NHNH ₂)(PPh(OEt) ₂) ₃][BPh ₄] derivatives. <i>Inorganic Chemistry</i> , 2000 , 39, 3283-93	5.1	30
34	Preparation of Diazoalkane Complexes of Osmium(II). <i>Inorganic Chemistry</i> , 2000 , 39, 4646-4650	5.1	25
33	Synthesis and reactivity of hydrazine complexes of iridium(III). <i>Dalton Transactions RSC</i> , 2000 , 1181-1189		21
32	Preparation of new acetylide and vinylidene complexes of ruthenium. <i>Journal of Organometallic Chemistry</i> , 1999 , 585, 83-92	2.3	12
31	Synthesis and Reactions of [Co(RCN){PPh(OEt) ₂ } ₃ {η-C ₆ H ₅ PO(OEt) ₂ }]BPh ₄ Derivatives: Strong Evidence for η-Coordination of the Phenyl Ring of the C ₆ H ₅ PO(OEt) ₂ Ligand. <i>Organometallics</i> , 1999 , 18, 2052-2054	3.8	2
30	Reactivity of Hydrides FeH ₂ (CO) ₂ P ₂ (P = Phosphites) with Aryldiazonium Cations: Preparation, Characterization, X-ray Crystal Structure, and Electrochemical Studies of Mono- and Binuclear Aryldiazenido Complexes. <i>Inorganic Chemistry</i> , 1998 , 37, 5602-5610	5.1	25
29	Preparation, characterisation and reactivity of a series of classical and non-classical rhenium hydride complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998 , 2071-2082		47
28	Mono- and Bis(hydrazine) Complexes of Osmium(II): Synthesis, Reactions, and X-ray Crystal Structure of the [Os(NH ₂ NH ₂) ₂]{P(OEt) ₃ }(4)][BPh ₄](2) Derivative. <i>Inorganic Chemistry</i> , 1998 , 37, 479-489	5.1	51
27	Synthesis, Characterization, and Reactivity of Cationic Molecular Hydrogen Complexes of Manganese(I). <i>Organometallics</i> , 1997 , 16, 4959-4969	3.8	37
26	Synthesis, characterisation and reactivity of hydrazine complexes of iron(II). <i>Journal of the Chemical Society Dalton Transactions</i> , 1997 , 4445-4454		35
25	Preparation of mono- and bis-(hydrazine) complexes of ruthenium(II). <i>Journal of the Chemical Society Dalton Transactions</i> , 1997 , 4435-4444		39

24	Aryldiazene, Aryldiazenido, and Hydrazine Complexes of Manganese. Preparation, Characterization, and X-ray Crystal Structures of $[\text{Mn}(\text{CO})(3)(4\text{-CH}(3)\text{C}(6)\text{H}(4)\text{N}=\text{NH})\{\text{PPh}(\text{OEt})(2)\}(2)]\text{BF}_4$ and $[\text{Mn}(\text{CO})(3)(\text{NH}(2)\text{NH}(2))\{\text{PPh}(\text{OEt})(2)\}(2)]\text{BPh}_4$ Derivatives. <i>Inorganic Chemistry</i> , 1997 , 36, 1296-1305	5.1	39
23	Binuclear Iron and Ruthenium Complexes with Bis(diazene) or Bis(diazenido) Bridging Ligands: Synthesis, Characterization, X-ray Crystal Structure, and Electrochemical Studies. <i>Inorganic Chemistry</i> , 1996 , 35, 6245-6253	5.1	28
22	New rhenium complexes with phosphinite PPh_2OR or phosphonite $\text{PPh}(\text{OR})_2$ ($\text{R} = \text{Me, Et or Pri}$) ligands: synthesis and protonation of various polyhydrides. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996 , 2779-2785		21
21	Preparation of the alkynyl-hydride complexes $\text{MH}(\text{C}\equiv\text{CR})\{\text{PPh}(\text{OEt})_2\}_4$ of iron and ruthenium. <i>Journal of Organometallic Chemistry</i> , 1996 , 513, 147-153	2.3	11
20	Preparation and Properties of New Dinitrogen Osmium(II) Complexes. <i>Inorganic Chemistry</i> , 1995 , 34, 6205-6210	5.1	28
19	Bis(alkynyl) and alkynyl- η -vinylidene iron(II) complexes with monodentate phosphite ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995 , 1783-1789		12
18	Synthesis and characterisation of enynyl, vinyl and acetylide complexes of osmium(II). <i>Journal of the Chemical Society Dalton Transactions</i> , 1995 , 719		16
17	Preparation of dithioformato, thioformamido and formamido derivatives of Iron(II). <i>Journal of the Chemical Society Dalton Transactions</i> , 1994 , 1769		9
16	Reactivity of iron(II) non-classical hydrides with alkynes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992 , 3203		20
15	New mononitrosyl derivatives of iron, ruthenium and osmium. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992 , 1111		6
14	Reactions of molecular hydrogen ruthenium complexes $[\text{RuH}(\eta^2\text{-H}_2)\text{P}_4]\text{BF}_4$ with alkynes: preparation and crystal structure of the $[\text{Ru}\{\eta^3\text{-}(p\text{-tolyl})\text{C}_3\text{CH}(p\text{-tolyl})\}\{\text{PhP}(\text{OEt})_2\}_4]\text{BPh}_4$ derivative. <i>Organometallics</i> , 1991 , 10, 2876-2883	3.8	39
13	Molecular hydrogen complexes. Preparation and reactivity of new ruthenium(II) and osmium(II) derivatives and a comparison along the iron triad. <i>Inorganic Chemistry</i> , 1990 , 29, 318-324	5.1	42
12	Haloalkyl complexes of transition metals: preparation and characterization of (dichloromethyl)cobalt(III) derivatives. <i>Organometallics</i> , 1990 , 9, 2177-2179	3.8	8
11	Reactivity of the hydride $[\text{CoH}\{\text{P}(\text{OEt})_2\text{Ph}\}_4]$ with RN_2^+ ($\text{R} = \text{aryl}$), NO^+ , and H^+ cations: preparation and properties of new cobalt complexes. Measurements of T_1 for $[\text{CoH}\{\text{P}(\text{OEt})_2\text{Ph}\}_4]$ and $[\text{CoH}_2\{\text{P}(\text{OEt})_2\text{Ph}\}_4]\text{BPh}_4$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990 , 2979		9
10	New molecular hydrogen iron(II) complexes. Synthesis, characterization, and reactivity with aryldiazonium cations. <i>Journal of the American Chemical Society</i> , 1989 , 111, 2072-2077	16.4	28
9	Reactivity of new osmium dihydrides with arenediazonium cations: preparation and properties of bis(aryldiazene) and mono(aryldiazenido) complexes. A comparison with analogous iron and ruthenium derivatives. <i>Journal of the Chemical Society Dalton Transactions</i> , 1989 , 2353		24
8	T_1 values in hydride and new molecular hydrogen phosphite complexes of comparable structure. <i>Journal of the Chemical Society Chemical Communications</i> , 1989 , 229		5
7	Monomeric ruthenium(II) complexes containing diazene and isocyanide ligands: preparation and properties. Crystal structure of $[\text{Ru}(4\text{-CH}_3\text{C}_6\text{H}_4\text{N}_2\text{NH})\text{-}(4\text{-CH}_3\text{C}_6\text{H}_4\text{NC})\{\text{P}(\text{OEt})_3\}_4](\text{PF}_6)_2$. <i>Journal of Organometallic Chemistry</i> , 1988 , 353, 229-241	2.3	6

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| 6 | Bis(aryldiazene)- and related mono(aryldiazenido)ruthenium complexes: preparation, characterization, and reactivity. Crystal structure of $[\text{Ru}(\text{4-CH}_3\text{C}_6\text{H}_4\text{N}=\text{NH})_2\{\text{P}(\text{OEt})_3\}_4](\text{PF}_6)_2$. <i>Inorganic Chemistry</i> , 1988 , 27, 829-835 | 5.1 | 27 |
| 5 | Cationic ruthenium(II) phosphite complexes. Preparation and properties of monocarbonyl and isocyanide derivatives. <i>Journal of the Chemical Society Dalton Transactions</i> , 1987 , 1813 | | 2 |
| 4 | Preparation and characterization of bis(aryldiazenido) complexes of iron. <i>Inorganic Chemistry</i> , 1987 , 26, 3416-3419 | 5.1 | 8 |
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