Sandro Gambarotta

List of Publications by Year
in descending order

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135 papers	6,854 citations	38660 50 h-index	76769 74 g-index
152 all docs	152 docs citations	152 times ranked	3084 citing authors

#	Article	IF	Citations
1	Linear Endâ€On Coordination Modes of CO 2. Angewandte Chemie, 2019, 131, 15029-15032.	1.6	0
2	Linear Endâ€On Coordination Modes of CO 2. Angewandte Chemie - International Edition, 2019, 58, 14887-14890.	7.2	6
3	Syn-gas from waste: the reduction of CO2 with H2S. Reaction Chemistry and Engineering, 2019, 4, 763-771.	1.9	7
4	Innentitelbild: Linear Endâ€On Coordination Modes of CO₂ (Angew. Chem. 42/2019). Angewandte Chemie, 2019, 131, 14918-14918.	1.6	0
5	Two-step catalytic dehydrogenation of formic acid to CO2 via formaldehyde. International Journal of Hydrogen Energy, 2019, 44, 1534-1543.	3.8	4
6	Efficient reduction of formic acid to formaldehyde by zinc. Canadian Journal of Chemistry, 2019, 97, 42-45.	0.6	4
7	Radical chemistry of alkyl aluminum with quinoxaline ligands. Journal of Coordination Chemistry, 2018, 71, 1234-1249.	0.8	3
8	Reaction of CO₂ with a Vanadium(II) Aryl Oxide: Synergistic Activation of CO₂/Oxo Groups towards Hâ€Atom Radical Abstraction. Angewandte Chemie, 2018, 130, 11094-11098.	1.6	5
9	Reaction of CO₂ with a Vanadium(II) Aryl Oxide: Synergistic Activation of CO₂/Oxo Groups towards Hâ€Atom Radical Abstraction. Angewandte Chemie - International Edition, 2018, 57, 10928-10932.	7.2	6
10	Revisiting the behaviour of BiVO4as a carbon dioxide reduction photo-catalyst. Dalton Transactions, 2017, 46, 6404-6408.	1.6	26
11	Radical Behavior of CO₂ versus its Deoxygenation Promoted by Vanadium Aryloxide Complexes: How the Geometry of Intermediate CO₂â€Adducts Determines the Reactivity.. Chemistry - A European Journal, 2017, 23, 17269-17278.	1.7	13
12	Effect of Cocatalysts and Solvent on Selective Ethylene Oligomerization. Organometallics, 2015, 34, 1203-1210.	1.1	32
13	Chromiumâ€“Chromium Interaction in a Binuclear Mixed-Valent Cr^Iâ€“Cr^{II} Complex. Inorganic Chemistry, 2014, 53, 11492-11497.	1.9	4
14	Isolation of a Hexanuclear Chromium Cluster with a Tetrahedral Hydridic Core and Its Catalytic Behavior for Ethylene Oligomerization. Inorganic Chemistry, 2014, 53, 6073-6081.	1.9	15
15	Selective Ethylene Oligomerization with Chromium Complexes Bearing Pyridineâ€“Phosphine Ligands: Influence of Ligand Structure on Catalytic Behavior. Organometallics, 2014, 33, 5749-5757.	1.1	35
16	Chromium-Catalyzed CO₂â€“Epoxide Copolymerization. Organometallics, 2014, 33, 4401-4409.	1.1	18
17	Reactivity with Alkylaluminum of a Chromium Complex of a Pyridine-Containing PNP Ligand: Redox Nâ€“P Bond Cleavage. Organometallics, 2014, 33, 1602-1607.	1.1	22
18	Heterometallic Aluminumâ€“Chromium Phenazine and Thiophenazine Complexes. Formation of a Tetranuclear Chromium(I) Sandwich Complex. Organometallics, 2013, 32, 2329-2335.	1.1	11

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19	Synthesis, Structures, and Ethylene Oligomerization Activity of Bis(phosphanylamine)pyridine Chromium/Aluminate Complexes. Organometallics, 2013, 32, 7107-7115.	1.1	25
20	Polymer-Free Ethylene Oligomerization Using a Pyridine-Based Pincer PNP-Type of Ligand. Organometallics, 2013, 32, 7204-7212.	1.1	40
21	Aminophosphine-Based Chromium Catalysts for Selective Ethylene Tetramerization. Organometallics, 2012, 31, 7427-7433.	1.1	45
22	Synthesis and Catalytic Oligomerization Activity of Chromium Catalysts of Ligand Systems with Switchable Connectivity. Organometallics, 2012, 31, 6438-6449.	1.1	13
23	Synthesis, X-ray Structural Analysis, and Ethylene Polymerization Studies of Group IV Metal Heterobimetallic Aluminum-Pyrrolyl Complexes. Organometallics, 2012, 31, 6085-6094.	1.1	24
24	Isolation and Characterization of a Class II Mixed-Valence Chromium(I)/(II) Self-Activating Ethylene Trimerization Catalyst. Organometallics, 2012, 31, 486-494.	1.1	25
25	Radical Cleavage of Alâ€“C Bonds Promoted by Phenazine: From Noninnocent Ligand to Radical Abstractor. Organometallics, 2012, 31, 7011-7019.	1.1	10
26	A Highly Selective Ethylene Tetramerization Catalyst. Angewandte Chemie - International Edition, 2012, 51, 1366-1369.	7.2	78
27	Vinyl Oxidative Coupling as a Synthetic Route to Catalytically Active Monovalent Chromium. Journal of the American Chemical Society, 2011, 133, 6388-6395.	6.6	48
28	Preparation and Characterization of a Reduced Chromium Complex via Vinyl Oxidative Coupling: Formation of a Self-Activating Catalyst for Selective Ethylene Trimerization. Journal of the American Chemical Society, 2011, 133, 6380-6387.	6.6	43
29	New Self-Activating Organochromium Catalyst Precursor for Selective Ethylene Trimerization.. Organometallics, 2011, 30, 4201-4210.	1.1	34
30	Highly Active Ethylene Oligomerization Catalysts. Organometallics, 2011, 30, 3346-3352.	1.1	30
31	Ethylene Oligomerization Promoted by a Silylated-SNS Chromium System. Organometallics, 2011, 30, 4655-4664.	1.1	34
32	New Iminophosphonamide Chromium(II) Complexes as Highly Active Polymer-Free Ethylene Oligomerization Catalysts. Organometallics, 2011, 30, 6022-6027.	1.1	21
33	Isolation of a Self-Activating Ethylene Trimerization Catalyst of a Cr-SNS System. Organometallics, 2011, 30, 4159-4164.	1.1	28
34	A Chromium Ethylidene Complex as a Potent Catalyst for Selective Ethylene Trimerization. Angewandte Chemie - International Edition, 2011, 50, 2346-2349.	7.2	49
35	Towards Selective Ethylene Tetramerization. Angewandte Chemie - International Edition, 2010, 49, 9225-9228.	7.2	74
36	Switchable Chromium(II) Complexes of a Chelating Amidophosphine (Nâˆ’P) for Selective and Nonselective Ethylene Oligomerization. Organometallics, 2010, 29, 4080-4089.	1.1	58

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37	Attempting to Reduce the Irreducible: Preparation of a Rare Paramagnetic Thorium Species. Organometallics, 2010, 29, 692-702.	1.1	43
38	Samarium complexes of a Ïƒ-/Ï€-pyrrolide/arene based macrocyclic ligand. Dalton Transactions, 2010, 39, 6853.	1.6	25
39	Isolation of a Selfâ€Activating Ethylene Trimerization Catalyst. Angewandte Chemie - International Edition, 2009, 48, 6552-6556.	7.2	119
40	Titaniumâ€Promoted Dinitrogen Cleavage, Partial Hydrogenation, and Silylation. Angewandte Chemie - International Edition, 2009, 48, 7415-7419.	7.2	79
41	Aluminate Samarium(II) and Samarium(III) Aryloxides. Isolation of a Single-Component Ethylene Polymerization Catalyst. Organometallics, 2009, 28, 4009-4019.	1.1	27
42	Chromium Catalysts Supported by a Nonspectator NPN Ligand: Isolation of Singleâ€Component Chromium Polymerization Catalysts. Angewandte Chemie - International Edition, 2008, 47, 5816-5819.	7.2	64
43	Isolation of Singleâ€Component Trimerization and Polymerization Chromium Catalysts: The Role of the Metal Oxidation State. Angewandte Chemie - International Edition, 2008, 47, 9717-9721.	7.2	136
44	Breaking the 1.80â€…Ã… Barrier of the Crï£¿Cr Multiple Bond Between Cr^{II} Atoms. Angewandte Chemie - International Edition, 2008, 47, 9937-9940.	7.2	64
45	Multiple Pathways for Dinitrogen Activation during the Reduction of an Fe Bis(iminepyridine) Complex. Inorganic Chemistry, 2008, 47, 896-911.	1.9	92
46	Low-Valent Vanadium Complexes of a Pyrrolide-Based Ligand. Electronic Structure of a Dimeric V(I) Complex with a Short and Weak Metalâ^'Metal Bond. Inorganic Chemistry, 2008, 47, 3265-3273.	1.9	21
47	Isolation of a Chromium Hydride Single-Component Ethylene Polymerization Catalyst. Organometallics, 2008, 27, 5943-5947.	1.1	43
48	Preparation and Characterization of a Switchable Single-Component Chromium Trimerization Catalyst. Organometallics, 2008, 27, 5708-5711.	1.1	42
49	N-Tert -Alkyl-anilides as Bulky Anciliary Ligands. Inorganic Syntheses, 2007, , 123-132.	0.3	11
50	Dinitrogen Coordination and Cleavage Promoted by a Vanadium Complex of a Ïƒ,Ï€,Ïƒ-Donor Ligand. Inorganic Chemistry, 2007, 46, 8836-8842.	1.9	53
51	Reduction of Titanium Supported by a Ïƒ-/Ï€-Bonded Tripyrrole Ligand:â€‰ Ligand Câ^'N Bond Cleavage and Coordination of Olefin and Arene with an Inverse Sandwich Structure. Organometallics, 2007, 26, 48-55.	1.1	40
52	Dinitrogen Activation, Partial Reduction, and Formation of Coordinated Imide Promoted by a Chromium Diiminepyridine Complex. Inorganic Chemistry, 2007, 46, 7040-7049.	1.9	98
53	Singleâ€Site, Singleâ€Component Catalysts for Very High Molecular Weight Polyethylene: A Robust â€œReadyâ€Toâ€Goâ€•Vanadium Ï€â€Bonded Complex Without a Preformed Vï£¿C Bond. Angewandte Chemie - International Edition, 2007, 46, 6119-6122.	7.2	44
54	Isolation of a Cationic Chromium(II) Species in a Catalytic System for Ethylene Tri- and Tetramerization. Organometallics, 2006, 25, 715-718.	1.1	109

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55	Ring Opening and Câ€™O and Câ€™N Bond Cleavage by Transient Reduced Thorium Species. Organometallics, 2006, 25, 3856-3866.	1.1	61
56	Role of the Metal Oxidation State in the SNSâ€™Cr Catalyst for Ethylene Trimerization:Â Isolation of Di- and Trivalent Cationic Intermediates. Journal of the American Chemical Society, 2006, 128, 9238-9247.	6.6	140
57	Ethylene/1,3-Cyclohexadiene Copolymerization by Means of Methylaluminoxane Activated Half-Sandwich Complexes. Macromolecular Symposia, 2006, 236, 156-160.	0.4	8
58	The Question of the Cr Oxidation State in the {Cr(SNS)} Catalyst for Selective Ethylene Trimerization: An Unanticipated Re-Oxidation Pathway. Angewandte Chemie - International Edition, 2006, 45, 7050-7053.	7.2	85
59	Trivalent Uranium: A Versatile Species for Molecular Activation. Progress in Inorganic Chemistry, 2005, , 321-348.	3.0	19
60	Catalytic 1,3-Cyclohexadiene Homopolymerization and Regioselective Copolymerization with Ethylene. Macromolecular Chemistry and Physics, 2005, 206, 195-202.	1.1	23
61	Reduction of (Diiminopyridine)iron:Â Evidence for a Noncationic Polymerization Pathway?. Organometallics, 2005, 24, 6298-6300.	1.1	66
62	Ligand Metallation during the Reduction of a Thorium(IV) Amide Complex. Organometallics, 2005, 24, 1996-1999.	1.1	21
63	Switchable Chromium(II) Ethylene Oligomerization/Polymerization Catalyst. Organometallics, 2005, 24, 5214-5216.	1.1	47
64	Multimetallic Cooperative Activation of N2. Angewandte Chemie - International Edition, 2004, 43, 5298-5308.	7.2	269
65	Cyclometalation and Solvent Deoxygenation during Reduction of a Homoleptic Th(OAr)4 Complex:â€‰ Serendipitous Formation of a Terminally Bonded Thâ€™OH Function. Organometallics, 2004, 23, 6248-6252.	1.1	47
66	Cis Double Addition of CO2 to a Coordinated Arene of a Thorium Complex. Organometallics, 2004, 23, 5379-5381.	1.1	31
67	Preparation, Characterization, and Magnetic Behavior of the Ln Derivatives (Ln = Nd, La) of a 2,6-Diiminepyridine Ligand and Corresponding Dianion. Inorganic Chemistry, 2004, 43, 5771-5779.	1.9	75
68	The First Thorium Arene Complex: A Divalent Synthon. Angewandte Chemie, 2003, 115, 838-842.	1.6	16
69	Amide from Dinitrogen by In Situ Cleavage and Partial Hydrogenation Promoted by a Transient Zero-Valent Thorium Synthon. Angewandte Chemie - International Edition, 2003, 42, 4958-4961.	7.2	84
70	The First Thorium Arene Complex: A Divalent Synthon. Angewandte Chemie - International Edition, 2003, 42, 814-818.	7.2	93
71	Vanadium-based Zieglerâ€“Natta: challenges, promises, problems. Coordination Chemistry Reviews, 2003, 237, 229-243.	9.5	204
72	Di- and Trivalent Dinuclear Samarium Complexes Supported by Pyrrole-Based Tetradentate Schiff Bases. Organometallics, 2003, 22, 434-439.	1.1	42

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73	Serendipitous Isolation of the First Example of a Mixed-Valence Samarium Tripyrrole Complex. Organometallics, 2003, 22, 3742-3747.	1.1	40
74	Stability of Metalâ˜'Carbon Bond versus Metal Reduction during Ethylene Polymerization Promoted by a Vanadium Complex:Â The Role of the Aluminum Cocatalyst. Organometallics, 2002, 21, 968-976.	1.1	49
75	Ligand Fragmentation Promoted by a Transient Low-Valent Thulium. Organometallics, 2002, 21, 4899-4901.	1.1	29
76	Cyclic Di- and Mixed-Valent Ytterbium Complexes Supported by Dipyrrolide Ligands. Organometallics, 2002, 21, 1240-1246.	1.1	59
77	Reversible Alkylation at the Pyridine Nitrogen in a Î±,Î±-Diimine Pyridine Ligand System. Organometallics, 2002, 21, 3088-3090.	1.1	57
78	Vanadium-Promoted Aldol Condensation and Pinacolic Coupling of Acetylpyrrole:Â Formation of Two New Potent Dinuclear Catalysts for Olefin Copolymerization. Organometallics, 2002, 21, 4390-4397.	1.1	35
79	Tantalum Complexes of Diphenyldipyrrolide Dianion:â€‰ Partial Hydrogenation of a Phenyl Ring. Organometallics, 2002, 21, 4257-4263.	1.1	21
80	The Unusual Stability of Homoleptic Di- and Tetravalent Chromium Alkyls. Organometallics, 2002, 21, 3810-3816.	1.1	51
81	Mono- and Zerovalent Manganese Alkyl Complexes Supported by the Î±,Î±â€˜-Diiminato Pyridine Ligand:Â Alkyl Stabilization at the Expense of Catalytic Performance. Organometallics, 2002, 21, 786-788.	1.1	85
82	Effect of the Alkali-Metal Cation on the Bonding Mode of 2,5-Dimethylpyrrole in Divalent Samarium and Ytterbium Complexes. Organometallics, 2002, 21, 1707-1713.	1.1	53
83	Title is missing!. Angewandte Chemie, 2002, 114, 3583-3586.	1.6	36
84	A Highly Reactive Uranium Complex Supported by the Calix[4]tetrapyrrole Tetraanion Affording Dinitrogen Cleavage, Solvent Deoxygenation, and Polysilanol Depolymerization. Angewandte Chemie - International Edition, 2002, 41, 3433-3436.	7.2	158
85	Oxidative Addition of a Dinuclear and Divalent Vanadium Hydride to an Olefin Câ˜'H Bond, Leading to Catalytic Hydrogenation. Organometallics, 2001, 20, 5008-5010.	1.1	26
86	Insensitivity of the Nbâ˜'Nb Distance in a Paddle-Wheel Compound to Bond Multiplicity and Axial Ligation. Inorganic Chemistry, 2001, 40, 1399-1401.	1.9	15
87	Stability of Trivalent Vanadium Alkyl and Hydride Supported by a Chelating Phosphinimido Ligand. Organometallics, 2001, 20, 2616-2622.	1.1	54
88	Dinuclear Trivalent and Mixed-Valence Uranium [(â˜'CH2â˜')5]4-calix[4]tetrapyrrole Complexes with Short Intermetallic Distances. Organometallics, 2001, 20, 5440-5445.	1.1	38
89	Preparation and Characterization of a Tetranuclear and Mixed-Valence Nb(II)/Nb(III) Diamagnetic Nb4Cl12Li2(THF)8Cluster. Inorganic Chemistry, 2001, 40, 2442-2445.	1.9	4
90	Highly Reactive Uranium(III) Polypyrrolide Complexes:Â Intramolecular Câ˜'H Bond Activation, Ligand Isomerization, and Solvent Deoxygenation and Fragmentation. Organometallics, 2001, 20, 2552-2559.	1.1	62

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91	Isolation and Characterization of Linear Polymeric {[1,1-H10C6(Î±-C4H3N)2]2Sm[Na(THF)]2}n: A 30-Electron Species with a (Î·5-Cp)4Ln Type Structure. Organometallics, 2001, 20, 2443-2445.	1.1	40
92	Dinitrogen Labile Coordination versus Four-Electron Reduction, THF Cleavage, and Fragmentation Promoted by a (calix-tetrapyrrole)Sm(II) Complex. Organometallics, 2000, 19, 4820-4827.	1.1	74
93	Samarium Hydride, Methyl, and Vinyl Complexes Supported by Calix-tetrapyrrole Ring Macrocycle. Thermal Decomposition to Samarium(II). Organometallics, 2000, 19, 121-126.	1.1	56
94	Dinuclear Complexes of Di-, Tri-, and Mixed-Valent Samarium Supported by the Calix-tetrapyrrole Ligand. Organometallics, 2000, 19, 817-823.	1.1	64
95	Preparation and Characterization of Two Mixed-Valence Samarium Octameric Clusters. Organometallics, 2000, 19, 115-117.	1.1	30
96	Tetrametallic Divalent Samarium Cluster Hydride and Dinitrogen Complexes. Organometallics, 2000, 19, 3716-3721.	1.1	84
97	Divalent and Mixed-Valence Samarium Clusters Supported by Dipyrrolide Ligand. Organometallics, 2000, 19, 1182-1185.	1.1	54
98	Monomeric and Octameric Divalent Ytterbium Complexes of Diphenylmethyl Dipyrrolyl Dianion. Organometallics, 2000, 19, 209-211.	1.1	31
99	Di- and TrimanganeseN,Nâ€²-Dicyclohexylformamidinate Complexes. Chemistry - A European Journal, 1999, 5, 577-586.	1.7	14
100	Reversible Fixation of Ethylene on a SmII Calix-Pyrrole Complex. Angewandte Chemie - International Edition, 1999, 38, 1432-1435.	7.2	66
101	Tetrametallic Reduction of Dinitrogen: Formation of a Tetranuclear Samarium Dinitrogen Complex. Angewandte Chemie - International Edition, 1999, 38, 3657-3659.	7.2	105
102	A Paramagnetic Diniobium Complex with a Very Short Nbâ‹¯Nb Distance: Evidence for a Pseudo Nbâ‹¯Nb Triple Bond?. Angewandte Chemie - International Edition, 1999, 38, 3659-3661.	7.2	20
103	Pyrrole Denitrogenation and Fragmentation of Tetramethylethylenediamine Promoted by a NbII Cluster. Angewandte Chemie - International Edition, 1998, 37, 3002-3005.	7.2	19
104	Câ‹¯H versus Câ‹¯N Bond Cleavage Promoted by Niobium(II) Amide. Organometallics, 1998, 17, 3639-3641.	1.1	56
105	Serendipitous Formation of a Dinuclear Vanadium(III) Amide Complex Containing a Vanadaazacyclobutane Ring. Potassiumâ‹¯Hydrogen Agostic Interactions Holding Together a V2K2 Tetrametallic Framework. Organometallics, 1997, 16, 1086-1088.	1.1	24
106	Amide Câ‹¯N Bond Cleavage and Formation of Nitride Promoted by a Niobium(II) Cluster. Organometallics, 1997, 16, 5084-5088.	1.1	33
107	Reactivity of Coordinatively Unsaturated Trivalent Chromium Complexes with Sulfur: Preparation of Novel Sulfideâ€bridged Dinuclear Cr^{IV} Derivatives. Chemistry - A European Journal, 1997, 3, 1482-1488.	1.7	14
108	Tri- and Tetravalent Titanium Alkyls Supported by Organic Amides. Organometallics, 1996, 15, 1113-1121.	1.1	52

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109	Synthesis, Reactivity, and Stability of Di- and Trivalent Samarium Amides. Inorganic Chemistry, 1996, 35, 1866-1873.	1.9	58
110	Preparation of the First Ditantalum(III) Complex Containing a Taâ^'Ta Bond without Bridging Ligands. Journal of the American Chemical Society, 1996, 118, 2529-2530.	6.6	37
111	The role of ligand steric hindrance in determining the stability of very short Vî—¸V contacts. Preparation and characterization of a series of V (II) and V (III) amidinates. Inorganica Chimica Acta, 1996, 244, 37-49.	1.2	60
112	Formation of Bridging Nitride Versus Terminal Oxovanadium Promoted by a Vanadium(II) Macrocyclic Complex. Chemistry - A European Journal, 1996, 2, 767-771.	1.7	20
113	Preparation, Characterization, and Reactivity of a Diamagnetic Vanadium Nitride. Chemistry - A European Journal, 1996, 2, 1258-1263.	1.7	33
114	Reaktion eines Vanadium(<scp>III</scp>)â€amids mit H₂: Isolierung und Charakterisierung eines mehrkernigen, gemischtvalenten Polyhydrido/Nitridoâ€Komplexes. Angewandte Chemie, 1995, 107, 871-873.	1.6	16
115	Der erste zweikernige Komplex mit niedervalentem Samarium und kurzer Smâ€Smâ€Bindung. Angewandte Chemie, 1995, 107, 2319-2321.	1.6	5
116	Reaction of a Vanadium(III) Amide with H2: Isolation and Characterization of a Polynuclear Mixed-Valence Polyhydridoâ€“Nitrido Complex. Angewandte Chemie International Edition in English, 1995, 34, 822-824.	4.4	71
117	Dinitrogen Fixation, Ligand Dehydrogenation, and Cyclometalation in the Chemistry of Vanadium(III) Amides. Journal of the American Chemical Society, 1994, 116, 6927-6928.	6.6	78
118	Chromium(II) Organochromates. Preparation, Characterization, and Stability. Organometallics, 1994, 13, 1326-1335.	1.1	79
119	Dinitrogen Fixation versus Metal-Metal Bond Formation in the Chemistry of Vanadium(II) Amidinates. Journal of the American Chemical Society, 1994, 116, 7417-7418.	6.6	93
120	Dinitrogen Reduction Operated by a Samarium Macrocyclic Complex. Encapsulation of Dinitrogen into a Sm2Li4 Metallic Cage. Journal of the American Chemical Society, 1994, 116, 4477-4478.	6.6	118
121	Ligand steric bulk: A neglected factor in the formation of Crî—¸Cr supershort contacts. Inorganica Chimica Acta, 1993, 213, 65-74.	1.2	52
122	Stability of vanadium(II) aryloxides: synthesis and characterization of sterically protected, neutral and monomeric vanadium(II) aryloxides. Reactivity with the N-N bond of (trimethylsilyl)diazomethane. Journal of the American Chemical Society, 1993, 115, 6710-6717.	6.6	41
123	Reversible cleavage of the chromium-chromium multiple bond in [(TAA)Cr]2 (TAA =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 18	1.9	25
124	Reversible cleavage of chromium-chromium quadruple bond of [Me8Cr2][Li(THF)]4 via modification of the coordination sphere of the alkali cation. Preparation and crystal structure of monomeric [Me4Cr][Li(TMEDA)]2. Journal of the American Chemical Society, 1992, 114, 3556-3557.	6.6	50
125	Dimeric and monomeric chromium(II) and monomeric chromium(III) aryls. Crystal structure of pyramidal Mz2Cr(py) (Mz = o-Me2NCH2C6H4, py = pyridine), dimeric [(Me2NC6H4)2Cr]2, and octahedral (Me2NC6H4)3Cr. Organometallics, 1992, 11, 2452-2457.	1.1	28
126	Synthesis and structural features of novel vanadium(II) amides. X-ray structures of the octahedral [(2-C5H4N)(CH3)N]2V(TMEDA) (TMEDA = N,N,N',N'-tetramethylethylenediamine) and the square-pyramidal [2,5-(CH3)2C4H2N]2V(pyridine)3 (py = pyridine). Inorganic Chemistry, 1991, 30, 2062-2066.	1.9	36

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127	Short and Supershort Crâ€“Cr Distances: A Vanishing Borderline Between Metalâ€“Metal Bonds, Magnetic Couplings and Ligand Artifacts. Comments on Inorganic Chemistry, 1991, 11, 195-214.	3.0	39
128	Novel vanadium(II) amine complexes: a facile entry in the chemistry of divalent vanadium. Synthesis and characterization of mononuclear L4VCl2 [L = amine, pyridine]: x-ray structures of trans-(TMEDA)2VCl2 [TMEDA = N,N,N',N'-tetramethylethylenediamine] and trans-Mz2V(py)2 [Mz = o-C6H4CH2N(CH3)2, py = pyridine]. Inorganic Chemistry, 1990, 29, 1302-1306.	1.9	85
129	The unpredictable structural features of chromium(II) pyrrolyls: synthesis and x-ray structures of monomeric square-planar (.eta.1-2,5-Me2C4H2N)2Cr(py)2, square-pyramidal (.eta.1-C4H4N)2Cr(py)3, dimeric [(7-azaindolyl)2Cr(DMF)]2, and polymeric [(.eta.1-2,5-Me2C4N2)4CrNa2(THF)2(Et2O)]n. An aborted Cr-Cr quadruple bond formation?. Inorganic Chemistry, 1990, 29, 2147-2153.	1.9	47
130	Preparation and x-ray structure of (tetramethyldibenzotetraaza[14]annulene)chromium dimer [(tmtaa)Cr]2. A multiply bonded complex of dichromium(II) without bridging ligands. Inorganic Chemistry, 1989, 28, 3782-3784.	1.9	27
131	Chromium(II) alkoxides: synthesis and crystal structure of the monomeric [(RO)4Cr][Na(TMEDA)]2 (R =) Tj ETQq1 1 0.784314 rgBT /Ov chromium-chromium bond. An insight into the question of chromium-chromium quadruple bond formation. Journal of the American Chemical Society, 1989, 111, 2142-2147.	6.6	30
132	Stepwise reduction of carbon dioxide to formaldehyde and methanol: reactions of carbon dioxide and carbon dioxide like molecules with hydridochlorobis(cyclopentadienyl)zirconium(IV). Journal of the American Chemical Society, 1985, 107, 6278-6282.	6.6	82
133	Carbon dioxide and formaldehyde coordination on molybdenocene to metal and hydrogen bonds of the C1 molecule in the solid state. Journal of the American Chemical Society, 1985, 107, 2985-2986.	6.6	98
134	Carbon dioxide fixation: bifunctional complexes containing acidic and basic sites working as reversible carriers. Journal of the American Chemical Society, 1982, 104, 5082-5092.	6.6	235
135	Activation of carbon dioxide-like molecules: synthetic and structural studies on a .eta.2-carbon, nitrogen metal-bonded carbodiimide and its conversion into a .eta.2-carbon, nitrogen metal-bonded amidinyl ligand. Inorganic Chemistry, 1981, 20, 165-171.	1.9	34