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Insertion of two carbon monoxide moieties into an alkene double bond to form a $\text{RCH:C(O)C(O):CHR}_2$ -unit via organosamarium activation

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Journal of the American Chemical Society, 1988, 110, 2772-2777

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#	Paper	IF	Citations
66	Rhodium complexes with tripodal polyphosphines as excellent precursors to systems for the activation of H-H and C-H bonds. <i>Journal of the American Chemical Society</i> , 1988 , 110, 6411-6423	16.4	66
65	Synthesis and X-Ray Structure Analysis of Novel Ethyl-Bridged Ytterbium-Triethylaluminum Complex; $(C_5Me_5)_2Yb-Al(C_2H_5)_3(THF)$. <i>Chemistry Letters</i> , 1988 , 17, 1963-1966	1.7	36
64	ChemInform Abstract: Insertion of Two CO Moieties into an Alkene Double Bond To Form a $RCH=C(O)C(O)=CHR_2$ - Unit via Organosamarium Activation.. <i>ChemInform</i> , 1988 , 19, no		
63	Synthesis and X-ray crystal structure of a heterobimetallic bridged alkynide complex $(C_5Me_5)_2Y(Et_3CCMe_3)_2Li(THF)$. <i>Journal of Organometallic Chemistry</i> , 1989 , 376, 311-320	2.3	37
62	Synthesis and X-ray crystallographic characterization of the decamethylsamarocene solvates $(C_5Me_5)_2Sm(OC_5H_8)_2$ and $(C_5Me_5)_2Sm(OC_5H_{10})$. <i>Polyhedron</i> , 1989 , 8, 1007-1014	2.7	21
61	Reductive Coupling of Carbon Monoxide and Alkyl Isocyanide Ligands in Early Transition Metal Complexes: A Review. <i>Israel Journal of Chemistry</i> , 1990 , 30, 331-341	3.4	35
60	Lanthanides and actinides annual survey covering the years 1987-1989. <i>Journal of Organometallic Chemistry</i> , 1992 , 442, 83-224	2.3	14
59	Structural trends in bis(pentamethylcyclopentadienyl)lanthanide and yttrium complexes. <i>Journal of Organometallic Chemistry</i> , 1992 , 433, 79-94	2.3	109
58	Tetrahedral versus square planar arrangement of cyclopentadienyl ligands in bimetallic organosamarium complexes. X-ray crystal structure of $[(C_5H_4Me)_2(THF)Sm(Et)]_2$. <i>Journal of Organometallic Chemistry</i> , 1993 , 450, 115-120	2.3	12
57	Achieving new lanthanide chemistry within the tetracyclopentadienyl cavity formed by two $(C_5Me_5)_2Ln$ moieties. <i>Journal of Alloys and Compounds</i> , 1993 , 192, 205-210	5.7	20
56	Organometallic Chemistry of the Lanthanides. <i>Advances in Organometallic Chemistry</i> , 1994 , 283-362	3.8	192
55	Synthesis and structure of $[(C_5Me_5)_2Sm(THF)]_2(Et)_2-C_2$. <i>Journal of Organometallic Chemistry</i> , 1994 , 483, 21-25	2.3	16
54	Synthesis and X-ray crystal structure of nitrogen base adducts of decamethylsamarocene: $(C_5Me_5)_2Sm(NH_2CMe_3)$ and $(C_5Me_5)_2Sm(N-MeIm)_2$. <i>Journal of Organometallic Chemistry</i> , 1994 , 483, 39-45	2.3	4
53	Lanthanoid Metal Promoted Reaction of Diaryl Ketones and Thioketones with Isocyanides. <i>Chemistry Letters</i> , 1995 , 24, 821-822	1.7	4
52	Der erste zweikernige Komplex mit niedervalentem Samarium und kurzer Sm-Sm-Bindung. <i>Angewandte Chemie</i> , 1995 , 107, 2319-2321	3.6	4
51	Lanthanoid-metal-mediated reaction of acylphosphonates: evidence for the formation of an acyllanthanoid complex. <i>Journal of Organometallic Chemistry</i> , 1995 , 491, 173-179	2.3	16
50	Compounds with a Ln-O bond. <i>Topics in F-element Chemistry</i> , 1995 , 364-423		1

49	Synthesis, Reactivity, and Stability of Di- and Trivalent Samarium Amides. <i>Inorganic Chemistry</i> , 1996 , 35, 1866-1873	5.1	53
48	Routes to monomeric lanthanide alkoxides. 1996 , 149-245		30
47	Lanthanide amides. 1996 , 33-112		103
46	Rare Earth Metal-Initiated Living Polymerizations of Polar and Nonpolar Monomers. 1997 , 53-101		57
45	Living Polymerizations of Polar and Nonpolar Monomers by the Catalysis of Organo Rare Earth Metal Complexes. <i>Bulletin of the Chemical Society of Japan</i> , 1997 , 70, 1745-1767	5.1	82
44	One-Electron Activation of CO by a Rhodium(II) Porphyrin Bimetallo-radical Complex and Concerted Reactions of Two (RhCO) Units. <i>Journal of the American Chemical Society</i> , 1997 , 119, 7938-7944	16.4	52
43	Novel Cyclopentadienyl-Free Organolanthanides: The First Examples of Five-Membered Amidolanthanide Heterocycles. <i>Inorganic Chemistry</i> , 1997 , 36, 1102-1106	5.1	12
42	A One-Dimensional Array of Clusters: $\text{Na}_2\text{Mo}_6\text{Cl}_8(\text{O}_2\text{CC}_5\text{H}_4\text{FeCp})_6\text{CH}_3\text{OH}$. <i>Inorganic Chemistry</i> , 1997 , 36, 5609-5613	5.1	72
41	Reductive dimerization of phenyl isocyanate by divalent samarium complex: Synthesis and crystal structure of $[(\text{ArO})_2(\text{DME})\text{Sm}]_2[\text{Ph}-(\text{PhN})\text{OCCO}(\text{NPh})]_2 \cdot 4\text{THF}$ (ArO = 2,6-di-tertbutyl-4-methylphenoxo). <i>Polyhedron</i> , 1998 , 17, 2009-2012	2.7	22
40	Organosamarium-Mediated Transformations of CO ₂ and COS: Monoinsertion and Disproportionation Reactions and the Reductive Coupling of CO ₂ to $[\text{O}_2\text{CCO}_2]^{2-}$. <i>Inorganic Chemistry</i> , 1998 , 37, 770-776	5.1	139
39	Preparation and Reactivity of a Compartmental Schiff-Base Samarium Dinuclear Complex. <i>Organometallics</i> , 1998 , 17, 3967-3973	3.8	75
38	Chapter 168 Organometallic Complexes of the f-elements. <i>Fundamental Theories of Physics</i> , 1998 , 265-413		6
37	Reversible Fixierung von Ethylen an einem Calixpyrrol-Samarium(II)-Komplex. <i>Angewandte Chemie</i> , 1999 , 111, 1507-1510	3.6	5
36	Cyclopentadienyl Behavior of Pyrrolyl Anions within the meso-Octaethylporphyrinogen-Binding Lanthanides: Carbon-Hydrogen and Metal-Carbon Bond Rearrangements. <i>Inorganic Chemistry</i> , 1999 , 38, 6240-6245	5.1	26
35	Solid-State Electrogenerated Chemiluminescence from Gel-Entrapped Ruthenium(II) Tris(bipyridine) and Tripropylamine. <i>Chemistry of Materials</i> , 1999 , 11, 2594-2599	9.6	44
34	Synthesis, Structures, and Redox Properties of Octa(μ_3 -sulfido)hexarhenium(III) Complexes Having Terminal Pyridine Ligands. <i>Inorganic Chemistry</i> , 1999 , 38, 5557-5564	5.1	63
33	Perspectives in reductive lanthanide chemistry. <i>Coordination Chemistry Reviews</i> , 2000 , 206-207, 263-283	23.2	177
32	Dinitrogen Labile Coordination versus Four-Electron Reduction, THF Cleavage, and Fragmentation Promoted by a (calix-tetrapyrrole)Sm(II) Complex. <i>Organometallics</i> , 2000 , 19, 4820-4827	3.8	58

31	Tetrametallic Divalent Samarium Cluster Hydride and Dinitrogen Complexes. <i>Organometallics</i> , 2000 , 19, 3716-3721	3.8	71
30	A novel reductive dimerization/oxidative dehydrogenation of aldimines mediated by lanthanoid metals. <i>Journal of Organic Chemistry</i> , 2001 , 66, 514-20	4.2	17
29	Dinuclear Trivalent and Mixed-Valence Uranium [(C ₅ H ₅) ₄ -calix[4]tetrapyrrole Complexes with Short Intermetallic Distances. <i>Organometallics</i> , 2001 , 20, 5440-5445	3.8	36
28	Isolation and Characterization of Linear Polymeric {[1,1-H ₁₀ C ₆ (C ₄ H ₃ N) ₂] ₂ Sm[Na(THF)] ₂] _n : A 30-Electron Species with a (C ₅ -Cp) ₄ Ln Type Structure. <i>Organometallics</i> , 2001 , 20, 2443-2445	3.8	33
27	Highly Reactive Sm(II) Macrocyclic Clusters: Precursors to N ₂ Reduction. <i>Angewandte Chemie</i> , 2001 , 113, 788-791	3.6	8
26	Reactivity of calix-tetrapyrrole Sm(II) and Sm(III) complexes with acetylene: isolation of an "N-confused" calix-tetrapyrrole ring. <i>Chemistry - A European Journal</i> , 2001 , 7, 374-81	4.8	25
25	Highly Reactive Sm(II) Macrocyclic Clusters: Precursors to N(2) Reduction This work was supported by the Natural Sciences and Engineering Council of Canada (NSERC). We are deeply indebted to Mr. M. P. Lalonde for helpful discussions and proofreading.. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 766-769	16.4	74
24	Cyclic Di- and Mixed-Valent Ytterbium Complexes Supported by Dipyrrolide Ligands. <i>Organometallics</i> , 2002 , 21, 1240-1246	3.8	48
23	Effect of the Alkali-Metal Cation on the Bonding Mode of 2,5-Dimethylpyrrole in Divalent Samarium and Ytterbium Complexes. <i>Organometallics</i> , 2002 , 21, 1707-1713	3.8	49
22	Insertions into lanthanide ligand bonds in organolanthanide chemistry. <i>Journal of Organometallic Chemistry</i> , 2002 , 647, 28-49	2.3	57
21	The expansion of divalent organolanthanide reduction chemistry via new molecular divalent complexes and sterically induced reduction reactivity of trivalent complexes. <i>Journal of Organometallic Chemistry</i> , 2002 , 647, 2-11	2.3	86
20	Recent advances in f element reduction chemistry. <i>Journal of Organometallic Chemistry</i> , 2002 , 652, 61-68	2.3	74
19	A novel photoinduced reduction system of low-valent samarium species: reduction of organic halides and chalcogenides, and its application to carbonylation with carbon monoxide. <i>Tetrahedron</i> , 2003 , 59, 10499-10508	2.4	35
18	Di- and Trivalent Dinuclear Samarium Complexes Supported by Pyrrole-Based Tetradentate Schiff Bases. <i>Organometallics</i> , 2003 , 22, 434-439	3.8	38
17	Serendipitous Isolation of the First Example of a Mixed-Valence Samarium Tripyrrole Complex. <i>Organometallics</i> , 2003 , 22, 3742-3747	3.8	39
16	Comparative reactivity of sterically crowded nf ₃ (C ₅ Me ₅) ₃ Nd and (C ₅ Me ₅) ₃ U complexes with CO: formation of a nonclassical carbonium ion versus an f element metal carbonyl complex. <i>Journal of the American Chemical Society</i> , 2003 , 125, 13831-5	16.4	120
15	Low valent chromium complexes bearing N,O-chelating pyridyl-enolate ligands [OC(But)(2-CHN ₅ H ₃ Me-x)] ₂ (x = 3B). <i>Dalton Transactions</i> , 2003 , 4612-4617	4.3	17
14	Reactivity of (C ₅ Me ₅) ₂ Sm(THF) ₂ with Nitriles: C≡N Bond Cleavage To Form Cyanide Complexes. <i>Organometallics</i> , 2007 , 26, 2904-2910	3.8	29

13	Synthesis of rare earth metal complexes incorporating amido and enolate mixed ligands: Characterization and reactivity. <i>Polyhedron</i> , 2008 , 27, 2757-2764	2.7	14
12	Aluminate Samarium(II) and Samarium(III) Aryloxides. Isolation of a Single-Component Ethylene Polymerization Catalyst. <i>Organometallics</i> , 2009 , 28, 4009-4019	3.8	25
11	Advances in f element reductive reactivity as a paradigm for expanding lanthanide and actinide science and technology. <i>Journal of Alloys and Compounds</i> , 2009 , 488, 493-510	5.7	43
10	Formation of a [ONN(allyl)O] ⁻ Anion via NO Insertion and Coupling Using Yttrium and Lanthanide Allyl Metallocenes <i>Organometallics</i> , 2010 , 29, 5209-5214	3.8	18
9	Carbon monoxide-induced dinitrogen cleavage with group 4 metallocenes: reaction scope and coupling to N-H bond formation and CO deoxygenation. <i>Journal of the American Chemical Society</i> , 2010 , 132, 10553-64	16.4	73
8	One- and two-electron-transfer reactions of (dpp-Bian)Sm(dme) ₃ . <i>Inorganic Chemistry</i> , 2010 , 49, 2901-1051	5.1	49
7	Selective insertions of unsaturated organic molecules into the Ln-N or N-H bonds of biscyclopentadienyl lanthanide complexes. <i>Dalton Transactions</i> , 2011 , 40, 9637-48	4.3	21
6	Lanthanocene Diolate Complexes: Synthesis, Structures and Catalytic Property for ε-Caprolactone Polymerization. <i>Chinese Journal of Chemistry</i> , 2015 , 33, 563-567	4.9	7
5	Isolation, structure and reactivity of a scandium boryl oxycarbene complex. <i>Chemical Science</i> , 2016 , 7, 803-809	9.4	18
4	Scandium, Yttrium, and the Lanthanide and Actinide Elements, Excluding their Zero Oxidation State Complexes. 1995 , 11-212		54
3	A Rare-Earth Metal Retrospective to Stimulate All Fields. <i>Journal of the American Chemical Society</i> , 2021 , 143, 18354-18367	16.4	8
2	Insertion Reactions into Element-Nitrogen Bonds of Compounds Other than Amides, and into Some Element-Phosphorus or Arsenic Bonds. <i>Inorganic Reactions and Methods</i> , 452-454		
1	Tetramethylcyclopentadienyl Samarium(II) Metallocene Chemistry: Isolation of a Bimetallic Sm(II)/Sm(II) Complex. 2023 , 11, 4		0