

Christian Y Lorber

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7832646/publications.pdf>

Version: 2024-02-01

67
papers

1,873
citations

218677

26
h-index

289244

40
g-index

72
all docs

72
docs citations

72
times ranked

1387
citing authors

#	ARTICLE	IF	CITATIONS
1	Vanadium-Catalyzed Terpolymerization of α,ω -Dienes with Ethylene and Cyclic Olefins: Ready Access to Polar-Functionalized Polyolefins. <i>Macromolecules</i> , 2021, 54, 10700-10711.	4.8	7
2	Semibatch Terpolymerization of Ethylene, Propylene, and 5-Ethylidene-2-norbornene: Heterogeneous High-Ethylene EPDM Thermoplastic Elastomers. <i>Macromolecules</i> , 2020, 53, 5881-5894.	4.8	24
3	Copolymerization of ethylene with propylene and higher α -olefins catalyzed by (imido)vanadium(μ -dichloride) complexes. <i>Polymer Chemistry</i> , 2019, 10, 6200-6216.	3.9	18
4	Homo- and Co-Polymerization of Ethylene with Cyclic Olefins Catalyzed by Phosphine Adducts of (Imido)vanadium(IV) Complexes. <i>Organometallics</i> , 2018, 37, 3181-3195.	2.3	21
5	Cytotoxic Vanadium Complexes of Branched [ONNO]-Type Diamine Bis(phenolato) Ligands. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1807-1811.	2.0	5
6	Vanadium Organometallics, 2016, , .		0
7	Isoprene polymerization mediated by vanadium-[ONNO] complexes. <i>Dalton Transactions</i> , 2016, 45, 12069-12077.	3.3	13
8	Titanium and vanadium imido-bridged complexes. <i>Coordination Chemistry Reviews</i> , 2016, 308, 76-96.	18.8	23
9	Facile Oxime Ether Synthesis: Free Carbonyl Compound Derivatization by a Brominated α -Benzylhydroxylamine. <i>Synthetic Communications</i> , 2015, 45, 1585-1591.	2.1	7
10	Novel aspects of the transamination reaction between $\text{Ti}(\text{NMe}_2)_4$ and primary amines. <i>Dalton Transactions</i> , 2013, 42, 12203.	3.3	17
11	Imido-Supported Borohydrides of Titanium, Vanadium and Molybdenum. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2205-2211.	2.0	9
12	Tight Encapsulation of a "Naked" Chloride in an Imidotitanium Hexanuclear Host. <i>Inorganic Chemistry</i> , 2013, 52, 4756-4758.	4.0	11
13	Titanium "Imido Complexes with Pendant Groups" Synthesis, Characterization, and Evaluation of Their Role as Precatalysts for Ethylene Polymerization. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 97-111.	2.0	13
14	Amine influence in vanadium-based ethylene polymerisation pro-catalysts bearing bis(phenolate) ligands with "pendant" arms. <i>Catalysis Science and Technology</i> , 2011, 1, 489.	4.1	21
15	Imido-Bridged Homo- and Heterobimetallic Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 9927-9929.	4.0	18
16	Imido-Titanium/Molybdenum Heterobimetallic Systems. Switching from η^6 -Arene to Fischer-Type Aminocarbene Complexes by Tuning Reactivity Conditions. <i>Organometallics</i> , 2010, 29, 1127-1136.	2.3	17
17	[ONNO]-type amine bis(phenolate)-based vanadium catalysts for ethylene homo- and copolymerization. <i>Pure and Applied Chemistry</i> , 2009, 81, 1205-1215.	1.9	21
18	Synthesis and structure of early transition metal NHC complexes. <i>Dalton Transactions</i> , 2009, , 6972.	3.3	50

#	ARTICLE	IF	CITATIONS
19	Reactivity of B(C ₆ F ₅) ₃ with Simple Early Transition Metal Alkoxides: Alkoxide-Aryl Exchange, THF Ring-Opening, or Acetonitrile CC Coupling. <i>Organometallics</i> , 2008, 27, 5017-5024.	2.3	33
20	Routes to New N-Heterocyclic Carbene Titanium(IV) Imido Complexes. <i>Organometallics</i> , 2008, 27, 2774-2783.	2.3	31
21	Vanadium <i>Organometallics</i> , 2007, , 1-60.		3
22	Catalytic evidence of the core/shell structure of bimetallic Pd/Rh colloids. <i>New Journal of Chemistry</i> , 2007, 31, 218-223.	2.8	12
23	Reaction of p-Toluenesulfonylamide and M(NMe ₂) ₄ (M = Ti, V): Generation of Electron-Deficient Imido Complexes of Early Transition Metals. <i>Inorganic Chemistry</i> , 2007, 46, 3192-3202.	4.0	30
24	Reaction of V(C ₆ H ₆) ₂ with the Borane Adducts of Malononitrile [(C ₆ F ₅) ₃ B-NCCH ₂ CN-B(C ₆ F ₅) ₃] and Water [H ₂ O-B(C ₆ F ₅) ₃]. <i>Organometallics</i> , 2007, 26, 3604-3606.	2.3	11
25	CC and CN Coupling of Nitriles Mediated by B(C ₆ F ₅) ₃ and Cp ₂ ZrPh ₂ . <i>Organometallics</i> , 2007, 26, 3784-3790.	2.3	17
26	Vanadocene-Mediated Ionization of Water in the Aqua Species [H ₂ O-B(C ₆ F ₅) ₃]: Structural Characterization of the Hydride and Hydroxide Complexes [Cp ₂ V(1/4-H)B(C ₆ F ₅) ₃] and [Cp ₂ V(1/4-OH)B(C ₆ F ₅) ₃]. <i>Organometallics</i> , 2006, 25, 1551-1553.	2.3	18
27	B(C ₆ F ₅) ₃ Adducts of TCNE and TCNQ Vanadium Complexes as New Building Blocks for Molecule-Based Magnets. <i>Organometallics</i> , 2006, 25, 4243-4246.	2.3	26
28	Adventures in Vanadocene Chemistry. <i>ChemInform</i> , 2006, 37, no.	0.0	0
29	A General and Facile One-Step Synthesis of Imido-Titanium(IV) Complexes: Application to the Synthesis of Compounds Containing Functionalized or Chiral Imido Ligands and Bimetallic Diimido Architectures. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 4503-4518.	2.0	27
30	Ethylene Homo- and Copolymerization Activity of a Series of [ONNO]-Type Amine Bis(phenolate) Based Vanadium(II-V) Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2850-2859.	2.0	83
31	Adventures in Vanadocene Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4683-4692.	2.0	25
32	Reactivity of [Cp ₂ Ti(CO) ₂] towards Nitrile and Water Adducts of B(C ₆ F ₅) ₃ : Formation of [Cp ₂ Ti(1/2-F ₃ CC ₆ H ₄ CN)-B(C ₆ F ₅) ₃] and [Cp ₂ Ti][HOB(C ₆ F ₅) ₃] with a Ti-A-F Interaction. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 317-321.	2.0	22
33	Paramagnetic Chloro-, Alkoxo-, or Azidovanadium(IV) Complexes Supported by an [ONNO]-Type Amine Bis(phenolate) Ligand. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 2861-2867.	2.0	26
34	Hydroamination of Alkynes Catalyzed by Imido Complexes of Titanium and Vanadium.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
35	Zwitterionic, Ring-Borylated Vanadium(III) Complexes from [Cp ₂ VCO] and B(C ₆ F ₅) ₃ . <i>Organometallics</i> , 2004, 23, 1434-1437.	2.3	24
36	Hydroamination of Alkynes Catalyzed by Imido Complexes of Titanium and Vanadium. <i>Organometallics</i> , 2004, 23, 1845-1850.	2.3	97

#	ARTICLE	IF	CITATIONS
37	Mono- and Homobimetallic Vanadium Complexes: Borane Adducts of Vanada(IV)azirine Complexes. <i>Organometallics</i> , 2004, 23, 5488-5492.	2.3	20
38	Reactivity of B(C ₆ F ₅) ₃ with Oxovanadium(V) Complexes VOL3 (L = OCH ₂ CF ₃ , NEt ₂): Formation of the Organometallic Vanadium(V) Complex [VO($\frac{1}{4}$ -OCH ₂ CF ₃)(OCH ₂ CF ₃)(C ₆ F ₅) ₂] and the Lewis Acid Adduct [(Et ₂ N) ₃ VO·B(C ₆ F ₅) ₃]. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 628-632.	2.0	36
39	Reactivity of [Cp ₂ Ti(CO) ₂] and B(C ₆ F ₅) ₃ : Formation of the Acylborane Complexes [Cp ₂ Ti(CO)(η -2-OCB(C ₆ F ₅) ₃)] and [Cp ₂ Ti(THF)(η -2-OCB(C ₆ F ₅) ₃)]. <i>Organometallics</i> , 2003, 22, 1995-1997.	2.3	28
40	C-H Activation of the Trimethylsilyl-Substituted Cyclopentadienyl Ligand in the "Cation-like" Complex		

#	ARTICLE	IF	CITATIONS
55	Synthesis and X-ray characterization of a monomeric Cp-free d ¹ -imido vanadium(IV) complex. Dalton Transactions RSC, 2000, , 4497-4498.	2.3	42
56	Li[Cp ₂ Zr(CiCPh)(i-2-PhC ₂ CiCPh)]: an anionic zirconium(ii) intermediate for carbon-carbon coupling. Chemical Communications, 2000, , 1511-1512.	4.1	25
57	Synthesis and Structure of Group 4 and 5 Metal Complexes with an Ancillary Sterically Demanding Diamido Ligand. Organometallics, 2000, 19, 1963-1966.	2.3	66
58	Selective and Environmentally Benign Aerobic Catalytic Oxidation of Alcohols by a Molybdenum-Copper System. European Journal of Inorganic Chemistry, 2000, 2000, 655-658.	2.0	1
59	A homobimetallic vanadium d ² -d ² complex (Cp ₂ V) ₂ (3i-4i-Me ₃ SiCiC-CiC-CiC ₃ SiMe ₃):structure and magnetism. Chemical Communications, 1999, , 1099-1100.	4.1	22
60	An X-ray Spectroscopic Investigation of Bis(dithiolene)molybdenum(IV,V,VI) and -tungsten(IV,V,VI) Complexes: A Symmetrized Structural Representations of the Active Sites of Molybdoenzymes in the DMSO Reductase Family and of Tungstoenzymes in the AOR and F(M)DH Families. Journal of the American Chemical Society, 1999, 121, 10297-10307.	13.7	45
61	Iron 1995. Coordination Chemistry Reviews, 1998, 172, 3-97.	18.8	5
62	Selective Catalytic Oxidation of Alcohols by a Ruthenium-Copper Bifunctional System Using Molecular Oxygen. European Journal of Inorganic Chemistry, 1998, 1998, 1673-1675.	2.0	35
63	Synthesis, Structures, and Oxo Transfer Reactivity of Bis(dithiolene)tungsten(IV,VI) Complexes Related to the Active Sites of Tungstoenzymes. Journal of the American Chemical Society, 1998, 120, 8102-8112.	13.7	119
64	Molybdenum and Tungsten Structural Analogues of the Active Sites of the MoIV+ [O] and MoVIO Oxygen Atom Transfer Couple of DMSO Reductases. Journal of the American Chemical Society, 1998, 120, 3259-3260.	13.7	53
65	Kinetics of oxygen-atom transfer reactions involving molybdenum dithiolene complexes. Journal of the Chemical Society Dalton Transactions, 1997, , 3997-4004.	1.1	60
66	Iron 1994. Coordination Chemistry Reviews, 1997, 162, 345-415.	18.8	2
67	Cis-dioxomolybdenum(VI) complexes as new catalysts for the Meyer-Schuster rearrangement. Tetrahedron Letters, 1996, 37, 853-856.	1.4	71