

# Christian Y Lorber

## List of Publications by Year in descending order

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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	Synthesis, Structures, and Oxo Transfer Reactivity of Bis(dithiolene)tungsten(IV,VI) Complexes Related to the Active Sites of Tungstoenzymes. <i>Journal of the American Chemical Society</i> , 1998, 120, 8102-8112.	13.7	119
2	Hydroamination of Alkynes Catalyzed by Imido Complexes of Titanium and Vanadium. <i>Organometallics</i> , 2004, 23, 1845-1850.	2.3	97
3	Vanadium(V) Complexes of a Chelating Dianionic [ONNO]-Type Amine Bis(Phenolate) Ligand: A Synthesis and Solid State and Solution Structures. <i>Inorganic Chemistry</i> , 2003, 42, 7839-7845.	4.0	87
4	Ethylene Homo- and Copolymerization Activity of a Series of [ONNO]-Type Amine Bis(phenolate) Based Vanadium(II-IV) Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2850-2859.	2.0	83
5	Cis-dioxomolybdenum(VI) complexes as new catalysts for the Meyer-Schuster rearrangement. <i>Tetrahedron Letters</i> , 1996, 37, 853-856.	1.4	71
6	Synthesis and Structure of Group 4 and 5 Metal Complexes with an Ancillary Sterically Demanding Diamido Ligand. <i>Organometallics</i> , 2000, 19, 1963-1966.	2.3	66
7	Kinetics of oxygen-atom transfer reactions involving molybdenum dithiolene complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 3997-4004.	1.1	60
8	Selective and Environmentally Benign Aerobic Catalytic Oxidation of Alcohols by a Molybdenum-Copper System. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 655-658.	2.0	57
9	Molybdenum and Tungsten Structural Analogues of the Active Sites of the MoIV+ [O] and MoVIO Oxygen Atom Transfer Couple of DMSO Reductases. <i>Journal of the American Chemical Society</i> , 1998, 120, 3259-3260.	13.7	53
10	Synthesis and structure of early transition metal NHC complexes. <i>Dalton Transactions</i> , 2009, , 6972.	3.3	50
11	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. <i>Journal of the American Chemical Society</i> , 1999, 121, 10297-10307.	13.7	45
12	Synthesis and Structure of a Series of New d1-Aryl Imido Vanadium(IV) Complexes Stabilized by N-Donor Ligands. <i>Inorganic Chemistry</i> , 2002, 41, 4217-4226.	4.0	43
13	Synthesis and X-ray characterization of a monomeric Cp-free d1-imido vanadium(IV) complex. <i>Dalton Transactions RSC</i> , 2000, , 4497-4498.	2.3	42
14	Reactivity of B(C6F5)3 with Oxovanadium(V) Complexes VOL3 (L = OCH2CF3, NEt2): Formation of the Organometallic Vanadium(V) Complex [VO(1/4-OCH2CF3)(OCH2CF3)(C6F5)]2 and the Lewis Acid Adduct [(Et2N)3VO-B(C6F5)3]. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 628-632.	2.0	36
15	Selective Catalytic Oxidation of Alcohols by a Ruthenium-Copper Bifunctional System Using Molecular Oxygen. <i>European Journal of Inorganic Chemistry</i> , 1998, 1998, 1673-1675.	2.0	35
16	Synthesis and reactivity studies of model complexes for molybdopterin-dependent enzymes. <i>Journal of Inorganic Biochemistry</i> , 2000, 79, 67-74.	3.5	35
17	Cationic Vanadium(IV) Methyl Complexes [Cp2VMe(CH3CN)][B(C6H5)4] and [Cp2VMe(THF)][MeB(C6F5)3]. <i>Organometallics</i> , 2002, 21, 1124-1126.	2.3	35
18	Synthesis and Crystal Structure of Unprecedented Phosphine Adducts of d1-Aryl Imido Vanadium(IV) Complexes. <i>Inorganic Chemistry</i> , 2003, 42, 673-675.	4.0	34

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19	Reactivity of Vanadocene with a Nitrile bCtN Bond Activated by a Tris(fluorophenyl)borane as Lewis Acid: Formation of Borane Adducts of Vanada(IV)azirine Complexesâ€”EPR Evidence for an Intramolecular CbFâ€¦â€¦â€¦V Interaction. <i>Chemistry - A European Journal</i> , 2002, 8, 2700.	3.3	33
20	Reactivity of B(C<sub>6</sub>F<sub>5</sub>)<sub>3</sub> 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
21	Routes to New N-Heterocyclic Carbene Titanium(IV) Imido Complexes. <i>Organometallics</i> , 2008, 27, 2774-2783.	2.3	31
22	Reaction of p-Toluenesulfonylamide and M(NMe<sub>2</sub>)<sub>4</sub> (M = Ti, V):Â Generation of Electron-Deficient Imido Complexes of Early Transition Metals. <i>Inorganic Chemistry</i> , 2007, 46, 3192-3202.	4.0	30
23	[Cp<sub>2</sub>V] Migration along an Octatetrayne Chain: From the Monometallic Complex [Cp<sub>2</sub>V(3-4i-tBuCâ€¦;Câ€¦Câ€¦;CCâ€¦;CtBu)] to the Dimetallic Complex [(Cp<sub>2</sub>V)<sub>2</sub>(1-2i-7-8i-tBuCâ€¦;Câ€¦;Câ€¦;CtBu)] <i>Chemistry - A European Journal</i> , 2000, 6, 4505-4509.		
24	Reactivity of [Cp<sub>2</sub>Ti(CO)<sub>2</sub>] and B(C<sub>6</sub>F<sub>5</sub>)<sub>3</sub>:Â Formation of the Acylborane Complexes [Cp<sub>2</sub>Ti(CO)(i-2-OCB(C<sub>6</sub>F<sub>5</sub>)<sub>3</sub>)] and [Cp<sub>2</sub>Ti(THF)(i-2-OCB(C<sub>6</sub>F<sub>5</sub>)<sub>3</sub>)]. <i>Organometallics</i> , 2003, 22, 1995-1997.	2.3	28
25	A General and Facile One-Step Synthesis of Imidoâ€”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
26	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
27	B(C<sub>6</sub>F<sub>5</sub>)<sub>3</sub> Adducts of TCNEâ€” and TCNQâ€”Vanadium Complexes as New Building Blocks for Molecule-Based Magnets. <i>Organometallics</i> , 2006, 25, 4243-4246.	2.3	26
28	Li[Cp<sub>2</sub>Zr(Ci€†CPh)(i-2â€”1,2-PhC<sub>2</sub>Ci€†CPh)]: an anionic zirconium(ii) intermediate for carbonâ€”carbon coupling. <i>Chemical Communications</i> , 2000, , 1511-1512.	4.1	25
29	Adventures in Vanadocene Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4683-4692.	2.0	25
30	Zwitterionic, Ring-Borylated Vanadium(III) Complexes from [Cp<sub>2</sub>VCO] and B(C<sub>6</sub>F<sub>5</sub>)<sub>3</sub>. <i>Organometallics</i> , 2004, 23, 1434-1437.	2.3	24
31	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
32	Titanium and vanadium imido-bridged complexes. <i>Coordination Chemistry Reviews</i> , 2016, 308, 76-96.	18.8	23
33	A homobimetallic vanadium dâ€”d complex (Cp<sub>2</sub>V)<sub>2</sub>(3i-4i-Me<sub>3</sub>SiCi€†Câ€”Ci€†Câ€”Ci€†CSiMe<sub>3</sub>):structure and magnetism. <i>Chemical Communications</i> , 1999, , 1099-1100.	4.1	22
34	Reactivity of [Cp<sub>2</sub>Ti(CO)<sub>2</sub>] towards Nitrile and Water Adducts of B(C<sub>6</sub>F<sub>5</sub>)<sub>3</sub>: Formation of [Cp<sub>2</sub>Ti(i-2-F<sub>3</sub>CC<sub>6</sub>H<sub>4</sub>CN)â€”B(C<sub>6</sub>F<sub>5</sub>)<sub>3</sub>] and [Cp<sub>2</sub>Ti][HOB(C<sub>6</sub>F<sub>5</sub>)<sub>3</sub>] with a Tiâ€”â€”F Interaction. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 317-321.	2.0	22
35	[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
36	Amine influence in vanadium-based ethylene polymerisation pro-catalysts bearing bis(phenolate) ligands with â€”pendantâ€” arms. <i>Catalysis Science and Technology</i> , 2011, 1, 489.	4.1	21

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37	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
38	Mono- and Homobimetallic Vanadium Complexes: Borane Adducts of Vanada(IV)azirine Complexes. <i>Organometallics</i> , 2004, 23, 5488-5492.	2.3	20
39	Synthesis, Characterization and Ethylene Polymerization Activity of Zirconium Complexes Containing Nonsymmetric Diamido Ligands Derived from 2-Aminobenzylamine. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 2337-2346.	2.0	18
40	Palladium colloids from an organometallic route: redox reaction between [VCp <sub>2</sub> ] and		

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55	Synthesis and crystal structure of highly soluble ansa-titano- and zirconocene dichloride complexes		
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