

Gerardo JimÃ©nez Pindado

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Stereospecific Synthesis of Chiral Titanium Complexes Bearing a Bifunctionalized Cyclopentadienyl-Terpenoid Ligand Derived from \pm -Pinene. <i>Organometallics</i> , 2021, 40, 3076-3086.	1.1	1
2	Cyclopentadienyl-silsesquioxane titanium compounds as suitable candidates for immobilization on silica-based supports. <i>Inorganica Chimica Acta</i> , 2020, 501, 119275.	1.2	6
3	Chiral Titanium(IV) Complexes Containing Polydentate Ligands Based on \pm -Pinene. Catalytic Activity in Sulfoxidation with Hydrogen Peroxide. <i>Organometallics</i> , 2018, 37, 3437-3449.	1.1	9
4	Suitable Approach to Prepare N-Substituted Niobium Complexes - Study of the Factors Controlling the Process. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1060-1066.	1.0	2
5	Cyclopentadienyl-Silsesquioxane Titanium Catalysts: Factors Affecting Their Formation and Activity in Olefin Epoxidation with Aqueous Hydrogen Peroxide. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2843-2849.	1.0	15
6	Selective sulfoxidation with hydrogen peroxide catalysed by a titanium catalyst. <i>Catalysis Science and Technology</i> , 2015, 5, 320-324.	2.1	16
7	Aminoarenethiolate Aluminum Complexes: Synthesis, Characterization, and Use in L-Lactide Polymerization. <i>Organometallics</i> , 2013, 32, 2618-2624.	1.1	29
8	Cyclopentadienyl-Silsesquioxane Titanium Complexes: Highly Active Catalysts for Epoxidation of Alkenes with Aqueous Hydrogen Peroxide. <i>Inorganic Chemistry</i> , 2012, 51, 6345-6349.	1.9	25
9	Reactions of $[\text{Ti}(\text{C}_5\text{Me}_4\text{SiMe}_2\text{Cl})\text{Cl}_3]$ with Diamines, a Suitable Approach to Prepare Mono- and Dinuclear Cyclopentadienyl-silyl-amido Titanium Complexes with Constrained and Unstrained Structures. <i>Organometallics</i> , 2011, 30, 2993-3000.	1.1	9
10	Synthesis and structural characterization of novel tetranuclear organotitanoxane derivatives. <i>Dalton Transactions</i> , 2011, 40, 5728.	1.6	8
11	$\text{M}^{\sim}\text{Cl}/\text{Si}^{\sim}\text{Cl}$ Preferential Reactivity in Chlorosilyl-Substituted Cyclopentadienyl Early Transition Metal Complexes in Reactions with Amines: Key to Understanding the Nature of the Final Product. <i>Organometallics</i> , 2009, 28, 6975-6980.	1.1	9
12	Organotitanoxanes with Unique Structure among Transition-Element Organometallic Oxide Derivatives. <i>Inorganic Chemistry</i> , 2008, 47, 3940-3942.	1.9	11
13	Cyclopentadienyl-Silyl-Amido versus Imido Niobium Complexes. The Role of Additional Amine Functionalities: A Combined Experimental and Theoretical Study. <i>Organometallics</i> , 2008, 27, 839-849.	1.1	13
14	Synthesis, Characterization, and Reactivity of Niobium and Tantalum Complexes Bearing Metal-Nitrogen Bonds. X-ray Molecular Structure of $[\text{Nb}(\text{C}_5\text{H}_4\text{SiMe}_3)\{\text{NH}(\text{CH}_2)_2\}_2\text{Cl}_3]$ and the Novel Tetranuclear Niobium Oxo Derivative $[\{\text{Nb}(\text{C}_5\text{H}_4\text{SiMe}_3)\text{Cl}(\text{O})\}_4(\text{Cl})_2(\text{C}_5\text{H}_3\text{O})]$. <i>Organometallics</i> , 2007, 26, 4243-4251.	1.1	18
15	Cationic Cyclopentadienyl Phenylethanediamido Titanium Species Generated by Reaction of $\text{TiCpR}[1,2\text{-C}_6\text{H}_4(\text{NCH}_2\text{-t-Bu})_2]\text{R}$ ($\text{CpR} = \text{1-5-C}_5\text{H}_5, \text{1-5-C}_5\text{Me}_5$; $\text{R} = \text{CH}_3, \text{CH}_2\text{Ph}$) with $\text{B}(\text{C}_6\text{F}_5)_3$. X-ray Molecular Structure of $\text{Ti}(\text{1-5-C}_5\text{Me}_5)[1,2\text{-C}_6\text{H}_4(\text{NCH}_2\text{-t-Bu})_2][\text{1-4-MeB}(\text{C}_6\text{F}_5)_3]$. <i>Organometallics</i> , 2006, 25, 1723-1727.	1.1	16
16	Cyclopentadienyl-Silyl-Amido Niobium Complexes Prepared by a Transmetalation Reaction Using $\text{Ti}(\text{1-5-C}_5\text{H}_4\text{SiMe}_2\text{-1-N}(\text{CH}_2)_2\text{NRR}^{\sim})\text{Cl}_2$. <i>Organometallics</i> , 2005, 24, 5853-5857.	1.1	11
17	Stable Methylene- and Oxo-Bridged Monocyclopentadienyl Titanium Compounds. Molecular Structure of $\{\text{Ti}[\text{1-4-(1-5-C}_5\text{Me}_4\text{SiMe}_2\text{-O})]\text{Me}\}_2(\text{1-4-CH}_2)\}^{\sim}$. <i>Organometallics</i> , 2004, 23, 5873-5876.	1.1	15
18	Titanium and zirconium chloro, oxo and alkyl derivatives containing silyl-cyclopentadienyl ligands. Synthesis and characterisation. <i>Journal of Organometallic Chemistry</i> , 2003, 683, 70-76.	0.8	15

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19	Cyclopentadienyl-Amido Ligands with a Pendant ϵ -NHR Amino Functionality in Titanium Chemistry. Molecular Structure of $[\text{Ti}\{\eta^5\text{-C}_5\text{H}_4\text{SiMe}_2\text{-}\hat{1}\text{-N}(\text{CH}_2)_2\text{-}\hat{1}\text{-NHCHMe}_2\}\text{Cl}_2]$. <i>Organometallics</i> , 2002, 21, 2189-2195.	1.1	26
20	η^5 -Benzyl and η^5 -Chloro Dinuclear Cationic Titanium Compounds. <i>Organometallics</i> , 2001, 20, 5237-5240.	1.1	10
21	A Versatile Synthetic Route for Cyclopentadienyl Amido Titanium(IV) Compounds. NMR Spectroscopy Study and X-ray Molecular Structure of $[\text{Ti}\{\eta^5\text{-C}_5\text{H}_4\text{SiMe}_2\text{NMe}(\text{CH}_2)_2\text{-}\hat{1}\text{-NMe}\}\text{Cl}_2]$. <i>Organometallics</i> , 2001, 20, 2459-2467.	1.1	23
22	Synthesis, Fluxionality, and Propene Insertion Reactions of Zirconium Boryldiene Complexes with Sterically Undemanding Cp Ligands. <i>Organometallics</i> , 2000, 19, 1150-1159.	1.1	16
23	The versatile chemistry of metallocene polymerisation catalysts: new developments in half-sandwich complexes and catalyst heterogenisation. <i>Journal of Molecular Catalysis A</i> , 1999, 146, 179-190.	4.8	35
24	Reaction of $\text{B}(\text{C}_6\text{F}_5)_3$ with zirconium and hafnium benzyl diene complexes. The crystal and molecular structures of $\text{Cp}^*\text{Zr}(\text{C}_6\text{F}_5)\{\eta^5\text{-CH}_2\text{CMeCHCHB}(\text{C}_6\text{F}_5)_2\}$ and $[\text{Cp}^*\text{Hf}(2,3\text{-Me}_2\text{C}_4\text{H}_4)(\text{OEt}_2)][\text{PhCH}_2\text{B}(\text{C}_6\text{F}_5)_3]$ and $[\text{Cp}^*\text{Zr}(\eta^5\text{-1,3-(SiMe}_3)_2\text{C}_5\text{H}_3)]$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 1663-1668.	1.1	15
25	New monocyclopentadienyl complexes of Group 4 and 5 metals with chelating nitrogen ligands. Crystal and molecular structures of $[\text{Zr}(\eta^5\text{-C}_3\text{H}_5)(\eta^5\text{-Ph}_2\text{N}_2\text{C}_2\text{Me}_2\text{-}2,3)\text{Cp}^*]$ and $[\text{TaCl}_2(\eta^5\text{-C}_6\text{H}_4(\text{NSiMe}_3\text{-}1,2)_2)\text{Cp}^*]$ $[\text{Cp}^*\text{Hf}(\eta^5\text{-1,3-(SiMe}_3)_2\text{-}1,3)]$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 393-400.	1.1	30
26	Construction of a Borole Ligand from Coordinated Diene and $\text{B}(\text{C}_6\text{F}_5)_3$ via Successive C-H Activation Steps: A Case of Catalyst Self-Activation. <i>Journal of the American Chemical Society</i> , 1998, 120, 6816-6817.	6.6	57
27	Zirconium and hafnium diene and dienyl half-sandwich complexes: synthesis, polymerization catalysis and deactivation pathways. The molecular structures of $[\text{M}(\eta^5\text{-C}_3\text{H}_5)(2,3\text{-Me}_2\text{C}_4\text{H}_4)\{\eta^5\text{-C}_5\text{H}_3(\text{SiMe}_3)_2\text{-}1,3\}]$ ($\text{M} = \text{Zr or Hf}$) and $[\text{Hf}(\eta^5\text{-C}_3\text{H}_5)\{\eta^5\text{-CH}_2\text{CMeCMeCH}_2\text{B}(\text{C}_6\text{F}_5)_3\}\{\eta^5\text{-C}_5\text{H}_3(\text{SiMe}_2)\text{-}1,3\}]$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 3115-3128.	1.1	32
28	Facile η^5 -C-H activation in 14-electron zirconium half-sandwich compounds: evidence for a new catalyst deactivation pathway. <i>Chemical Communications</i> , 1997, , 609-610.	2.2	9
29	Dinuclear cationic zirconium complexes with the fulvalene ligand. Synthesis and reactivity. <i>Journal of Organometallic Chemistry</i> , 1997, 543, 209-215.	0.8	28
30	Novel Zwitterionic Diallylzirconium Complexes: Synthesis, Structure, Polymerization Activity, and Deactivation Pathways. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 2358-2361.	4.4	47
31	Insertion of CO and CNR into Tantalum Methyl Bonds of Imido(pentamethylcyclopentadienyl)tantalum Complexes. X-ray Crystal Structures of $[\text{TaCp}^*(\text{NR})\text{Me}\{\eta^5\text{-C}(\text{Me})\text{NR}\}]$ and $[\text{TaCp}^*\text{Cl}(\text{O})\{\eta^5\text{-C}(\text{Me})\text{NR}\}]$ ($\text{R} = \text{Tj ETQql11 0.784814 rgB}$)	0.8	14
32	Synthesis and Dynamic Behavior of (Pentamethylcyclopentadienyl)azatantalacyclopropane Complexes. Crystal Structures of $\text{TaCp}^*\text{Cl}_4[\text{C}(\text{Me})(\text{NHR})]$ and $\text{TaCp}^*\text{Me}_2(\eta^5\text{-}2\text{-Me}_2\text{CNR})$. <i>Organometallics</i> , 1995, 14, 1901-1910.	1.1	55
33	Insertion of Isocyanides into Tantalum-Carbon Bonds of Azatantalacyclopropane Complexes. Crystal Structures of $\text{TaCp}^*\text{Cl}_3(\eta^5\text{-}2\text{-NRCMe}_2\text{CNHR})$, $\text{TaCp}^*\text{Me}(\text{NR})(\text{NRCMe}_2\text{CMe}_2)$, and $\text{TaCp}^*\text{Me}(\text{NR})(\eta^5\text{-}2\text{-NR:CCMe}_2\text{CMe:NR})$ ($\text{R} = 2,6\text{-Me}_2\text{C}_6\text{H}_3$). <i>Organometallics</i> , 1995, 14, 2843-2854.	1.1	44
34	Insertion of CNAr into Ta-Me Bonds of $\text{TaCp}^*\text{ClnMe}_4\text{-n}$ ($\text{n} = 0\text{-}3$): Intramolecular Rearrangements, Dynamic Behavior, and X-ray Crystal Structure of $\text{TaCp}^*\text{Cl}_2(\text{NAr})$ ($\text{Ar} = 2,6\text{-Me}_2\text{C}_6\text{H}_3$). <i>Organometallics</i> , 1994, 13, 1564-1566.	1.1	44
35	Reactions of tetrachlorocyclopentadienyltantalum(V) derivatives with hexamethyldialuminium: Crystal and molecular structure of dichlorodimethylpentamethylcyclopentadienyltantalum(V). <i>Journal of Organometallic Chemistry</i> , 1992, 439, 147-154.	0.8	19
36	Methylation of (pentamethylcyclopentadienyl)trichloro(diphenyldimethylenephosphoranyl-C,C)tantalum(V). Crystal structures of $[\text{TaCp}^*\text{Cl}_3\{(\text{CH}_2)_2\text{PPh}_2\}]$ and $[\text{TaCp}^*\text{Me}_2\{(\text{CH})(\text{CH}_2)\text{PPh}_2\}]$. <i>Journal of Organometallic Chemistry</i> , 1992, 439, 309-318.	0.8	5