

Mariano Fajardo

List of Publications by Year in descending order

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153
papers

3,895
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145106

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198040

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154
docs citations

154
times ranked

3500
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of alkenyl and alkyl substituted group 4 metallocene dichloride complexes: Applications in ethylene polymerization. <i>Journal of Organometallic Chemistry</i> , 2019, 899, 120890.	0.8	3
2	Versatile titanium dioxide nanoparticles prepared by surface-grown polymerization of polyethylenimine for photodegradation and catalytic C C bond forming reactions. <i>Molecular Catalysis</i> , 2019, 475, 110501.	1.0	7
3	Heterogeneous oxidative desulfurization catalysed by titanium grafted mesoporous silica nanoparticles containing tethered hydrophobic ionic liquid: A dual activation mechanism. <i>Applied Catalysis A: General</i> , 2019, 587, 117241.	2.2	14
4	Selective oxidation of thioanisole by titanium complexes immobilized on mesoporous silica nanoparticles: elucidating the environment of titanium(IV) species. <i>Catalysis Science and Technology</i> , 2019, 9, 620-633.	2.1	16
5	Mesoporous SBA-15 modified with titanocene complexes and ionic liquids: interactions with DNA and other molecules of biological interest studied by solid state electrochemical techniques. <i>Dalton Transactions</i> , 2018, 47, 12914-12932.	1.6	11
6	Synthesis and study of the catalytic applications in C-C coupling reactions of hybrid nanosystems based on alumina and palladium nanoparticles. <i>Inorganica Chimica Acta</i> , 2017, 455, 645-652.	1.2	15
7	Suzuki-Miyaura C-C Coupling Reactions Catalyzed by Supported Pd Nanoparticles for the Preparation of Fluorinated Biphenyl Derivatives. <i>Catalysts</i> , 2017, 7, 76.	1.6	18
8	Heterogenization of titanium(IV) complexes with amine bis(phenolate) ligands onto SBA-15: exploring their catalytic epoxidation and electrochemical behaviour. <i>Applied Organometallic Chemistry</i> , 2016, 30, 208-214.	1.7	5
9	Curcumin loaded mesoporous silica: an effective drug delivery system for cancer treatment. <i>Biomaterials Science</i> , 2016, 4, 448-459.	2.6	107
10	ϵ -Caprolactone polymerization using titanium complexes immobilized onto silica based materials functionalized with ionic liquids: insights into steric, electronic and support effects. <i>RSC Advances</i> , 2016, 6, 19723-19733.	1.7	9
11	Curcumin-loaded silica-based mesoporous materials: Synthesis, characterization and cytotoxic properties against cancer cells. <i>Materials Science and Engineering C</i> , 2016, 63, 393-410.	3.8	78
12	Photodegradation of organic pollutants in water and green hydrogen production via methanol photoreforming of doped titanium oxide nanoparticles. <i>Science of the Total Environment</i> , 2016, 563-564, 921-932.	3.9	35
13	Copper, copper oxide nanoparticles and copper complexes supported on mesoporous SBA-15 as catalysts in the selective oxidation of benzyl alcohol in aqueous phase. <i>Microporous and Mesoporous Materials</i> , 2016, 220, 136-147.	2.2	72
14	The catalytic performance of metal complexes immobilized on SBA-15 in the ring opening polymerization of ϵ -caprolactone with different metals (Ti, Al, Zn and Mg) and immobilization procedures. <i>Dalton Transactions</i> , 2015, 44, 4088-4101.	1.6	24
15	Visible light-driven photocatalytic degradation of the organic pollutant methylene blue with hybrid palladium-fluorine-doped titanium oxide nanoparticles. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	35
16	Ether-Substituted Group 4 Metallocene Complexes: Cytostatic Effects and Applications in Ethylene Polymerization. <i>Organometallics</i> , 2015, 34, 2522-2532.	1.1	20
17	Voltammetric characterization of titanium and zinc hybrid mesoporous SBA-15 materials. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 2063-2074.	1.2	5
18	Anti-cancer Applications of Titanocene-Functionalised Nanostructured Systems: An Insight into Cell Death Mechanisms. <i>Chemistry - A European Journal</i> , 2014, 20, 10811-10828.	1.7	37

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19	Dual application of Pd nanoparticles supported on mesoporous silica SBA-15 and MSU-2: supported catalysts for C-C coupling reactions and cytotoxic agents against human cancer cell lines. <i>RSC Advances</i> , 2014, 4, 54775-54787.	1.7	42
20	Alkenyl-substituted titanocene dichloride complexes: Stability studies, binding and cytotoxicity. <i>Journal of Organometallic Chemistry</i> , 2014, 769, 46-57.	0.8	6
21	Synthesis and structural characterization of novel three carbon atom bridged ansa-bis(indenyl)zirconocene complexes: Applications in ethylene polymerization. <i>Polyhedron</i> , 2014, 80, 129-133.	1.0	5
22	Synthesis and characterization of homoleptic titanium bulky alkoxo complexes and their application in 1-octene epoxidation. <i>Journal of Organometallic Chemistry</i> , 2013, 741-742, 102-108.	0.8	4
23	Naphthyl-substituted titanocene dichloride complexes: Synthesis, characterization and in vitro studies. <i>Journal of Organometallic Chemistry</i> , 2012, 700, 188-193.	0.8	12
24	Synthesis of titanium alkoxide complexes with alkyl lactate ligands. Asymmetric epoxidation of cinnamyl alcohol. <i>Journal of Organometallic Chemistry</i> , 2012, 717, 172-179.	0.8	4
25	Copper-containing catalysts for solvent-free selective oxidation of benzyl alcohol. <i>Journal of Molecular Catalysis A</i> , 2012, 352, 45-56.	4.8	42
26	One ligand different metal complexes: Biological studies of titanium(IV), tin(IV) and gallium(III) derivatives with the 2,6-dimethoxypyridine-3-carboxylato ligand. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 3206-3213.	0.8	15
27	Heterogenization of [Ti(η -5-C ₅ HMe ₄)Cl ₃] on to MCM-41 and organomodified MCM-41 to form epoxidation catalyst. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1708-1715.	0.8	10
28	Voltammetric analysis of Pb(II) in natural waters using a carbon paste electrode modified with 5-mercapto-1-methyltetrazol grafted on hexagonal mesoporous silica. <i>Mikrochimica Acta</i> , 2010, 169, 57-64.	2.5	34
29	Adsorption of heavy metals by pyrimidine-derived mesoporous hybrid material. <i>Journal of Porous Materials</i> , 2010, 17, 417-424.	1.3	12
30	New hybrid materials as Zn(II) sorbents in water samples. <i>Materials Research Bulletin</i> , 2010, 45, 1177-1181.	2.7	11
31	Synthesis, characterization and biological studies of alkenyl-substituted titanocene(IV) carboxylate complexes. <i>Applied Organometallic Chemistry</i> , 2010, 24, 656-662.	1.7	19
32	Cyclopentadienyltin(IV) derivatives: Synthesis, characterization and study of their cytotoxic activities. <i>Polyhedron</i> , 2010, 29, 16-23.	1.0	16
33	Hybrid Scorpionate/Cyclopentadienyl Magnesium and Zinc Complexes: Synthesis, Coordination Chemistry, and Ring-Opening Polymerization Studies on Cyclic Esters. <i>Inorganic Chemistry</i> , 2010, 49, 2859-2871.	1.9	80
34	Study of the influence of the metal complex on the cytotoxic activity of titanocene-functionalized mesoporous materials. <i>Journal of Materials Chemistry</i> , 2010, 20, 806-814.	6.7	62
35	Synthesis and Characterization of Novel Mesoporous Silicas of the MSU-X Family for Environmental Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 4901-4909.	0.9	23
36	A New Generation of Anticancer Drugs: Mesoporous Materials Modified with Titanocene Complexes. <i>Chemistry - A European Journal</i> , 2009, 15, 5588-5597.	1.7	79

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37	HPLC with polysaccharide chiral stationary phase in polar-organic phase mode: Application to the asymmetric epoxidation of allylic alcohols. <i>Journal of Separation Science</i> , 2009, 32, 3055-3063.	1.3	3
38	Solid phase extraction of Pb(II) in water samples using a new hybrid inorganic-organic mesoporous silica prior to its determination by FAAS. <i>Mikrochimica Acta</i> , 2009, 165, 291-298.	2.5	38
39	Synthesis of titanium-triazine based MCM-41 hybrid materials as catalyst for the asymmetric epoxidation of cinammyl alcohol. <i>Journal of Molecular Catalysis A</i> , 2009, 310, 83-92.	4.8	5
40	Synthesis, characterization and applications in ethylene polymerization of asymmetric ansa-titanocene complexes. Molecular structure of $[Ti\{Me_2Si(\dot{I}-5-C_5Me_4)(\dot{I}-5-C_5H_3iPr)\}Cl_2]$. <i>Inorganica Chimica Acta</i> , 2009, 362, 1042-1046.	1.2	7
41	Preconcentration of Zn(II) in water samples using a new hybrid SBA-15-based material. <i>Journal of Hazardous Materials</i> , 2009, 166, 1449-1458.	6.5	58
42	MCM-41/ansa-zirconocene supported catalysts: Preparation, characterization and catalytic behaviour in ethylene polymerization. <i>Journal of Molecular Catalysis A</i> , 2009, 304, 107-116.	4.8	10
43	Anticancer drugs based on alkenyl and boryl substituted titanocene complexes. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 1981-1987.	0.8	23
44	A novel alkenyl-substituted ansa-zirconocene complex with dual application as olefin polymerization catalyst and anticancer drug. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3032-3038.	0.8	15
45	Solid-State $49/47Ti$ NMR of Titanium-Based MCM-41 Hybrid Materials. <i>Langmuir</i> , 2009, 25, 12706-12712.	1.6	15
46	Synthesis, structures and ring-opening polymerization studies of new zinc chloride and amide complexes supported by amidinate heteroscorpionate ligands. <i>Dalton Transactions</i> , 2009, , 8054.	1.6	34
47	Cytotoxic studies of substituted titanocene and ansa-titanocene anticancer drugs. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1558-1570.	1.5	59
48	Development and validation of a chiral HPLC method for rapid screening of allylic alcohol asymmetric epoxidation processes. <i>Analytica Chimica Acta</i> , 2008, 618, 102-109.	2.6	3
49	Viscoelasticity and macromolecular topology in single-site catalyzed polyethylene. <i>Journal of Materials Science</i> , 2008, 43, 1745-1748.	1.7	5
50	Study of the efficiency of new phenoxo-ether titanium (IV) complexes as catalysts in asymmetric epoxidation processes. Comparison of HPLC and CE chiral methodologies. <i>Microchemical Journal</i> , 2008, 90, 136-141.	2.3	1
51	Grafting or tethering titanium alkoxo complexes on MCM-41? Strategies to prepare epoxidation catalysts. <i>Microporous and Mesoporous Materials</i> , 2008, 116, 452-460.	2.2	18
52	Synthesis, characterization and catalytic behaviour of ansa-zirconocene complexes containing tetraphenylcyclopentadienyl rings: X-ray crystal structures of $[Zr\{Me_2Si(\dot{I}-5-C_5Ph_4)(\dot{I}-5-C_5H_3R)\}Cl_2]$ (R=H, Tj ETQq000 rgBT4 Overlock	0.8	12
53	Discrete Heteroscorpionate Lithium and Zinc Alkyl Complexes. Synthesis, Structural Studies, and ROP of Cyclic Esters. <i>Organometallics</i> , 2008, 27, 1310-1321.	1.1	72
54	Synthesis of Bulky Zirconocene Dichloride Compounds and Their Applications in Olefin Polymerization. <i>Collection of Czechoslovak Chemical Communications</i> , 2007, 72, 747-763.	1.0	7

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55	Well-Defined Alkyl Heteroscorpionate Magnesium Complexes as Excellent Initiators for the ROP of Cyclic Esters. <i>Organometallics</i> , 2007, 26, 6403-6411.	1.1	107
56	Synthesis and Reactivity of Alkenyl-Substituted Zirconocene Complexes and Their Application as Olefin Polymerisation Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4445-4455.	1.0	18
57	Functionalized HMS mesoporous silica as solid phase extractant for Pb(II) prior to its determination by flame atomic absorption spectrometry. <i>Journal of Separation Science</i> , 2007, 30, 1556-1567.	1.3	48
58	Study of the cytotoxic activity of alkenyl-substituted ansa-titanocene complexes. <i>Inorganic Chemistry Communication</i> , 2007, 10, 748-752.	1.8	42
59	A family of titanium (IV) alkoxo complexes with N,O and O,O chelating ligands. Crystal structure of [Ti(O ⁱ -Pr) ₂ (2- <i>menthoxy-pyridine</i>) ₂]. <i>Inorganica Chimica Acta</i> , 2007, 360, 607-618.	1.2	10
60	Synthesis of chiral unbridged zirconocene complexes: Applications in the polymerization of ethylene and propylene. <i>Journal of Molecular Catalysis A</i> , 2007, 268, 264-276.	4.8	23
61	Synthesis and catalytic applications of C1 symmetric group 4 ansa-metallocene complexes. <i>Journal of Molecular Catalysis A</i> , 2007, 264, 260-269.	4.8	16
62	Synthesis, structural characterization and reactivity of new tin bridged ansa-bis(cyclopentadiene) compounds: X-ray crystal structures of Me ₂ Sn(C ₅ Me ₄ R-1) ₂ (R=H, SiMe ₃). <i>Journal of Organometallic Chemistry</i> , 2007, 692, 3057-3064.	0.8	3
63	Preparation, characterization, and Zn ²⁺ adsorption behavior of chemically modified MCM-41 with 5-mercapto-1-methyltetrazole. <i>Journal of Colloid and Interface Science</i> , 2007, 313, 551-562.	5.0	93
64	Cr(VI) adsorption on functionalized amorphous and mesoporous silica from aqueous and non-aqueous media. <i>Materials Research Bulletin</i> , 2007, 42, 1518-1530.	2.7	46
65	3D-QSAR study of ansa-metallocene catalytic behavior in ethylene polymerization. <i>Polymer</i> , 2007, 48, 4663-4674.	1.8	30
66	Immobilization of titanium chiral alkoxides on SBA-15 and modelling the active sites of heterogeneous catalyst using titanium silsesquioxane complexes. <i>Journal of Molecular Catalysis A</i> , 2007, 271, 227-237.	4.8	29
67	Adsorption of cadmium(ii) from aqueous media onto a mesoporous silica chemically modified with 2-mercaptopyrimidine. <i>Journal of Materials Chemistry</i> , 2006, 16, 1757-1764.	6.7	136
68	Preparation of 2-mercaptobenzothiazole-derivatized mesoporous silica and removal of Hg(ii) from aqueous solution. <i>Journal of Environmental Monitoring</i> , 2006, 8, 214-222.	2.1	73
69	Chiral separation of glycidol enantiomers by normal-phase high-performance liquid chromatography coupled to atmospheric pressure chemical ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2006, 566, 185-192.	2.6	7
70	Mesoporous silica functionalized with 2-mercaptopyridine: Synthesis, characterization and employment for Hg(II) adsorption. <i>Microporous and Mesoporous Materials</i> , 2006, 89, 58-68.	2.2	164
71	Synthesis and reactivity of new mono- and dinuclear niobium and tantalum imido complexes: X-ray crystal structure of [Ta(<i>i</i> -C ₅ H ₄ SiMe ₃)Cl ₂ {NC ₆ Me ₄ -4-(N(SiMe ₃) ₂)}]. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 1361-1368.	0.8	10
72	Polymerization of ϵ -caprolactone using bulky alkoxo-titanium complexes and structural analysis of [Ti(OBorneoxo) ₂ Cl ₂ (thf) ₂]. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 3053-3059.	0.8	14

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73	Synthesis of niobocene imido cations: X-ray crystal structure of [Nb(NBut)(η -5-C ₅ H ₄ SiMe ₃) ₂ (CNBut)] [BPh ₄]. Journal of Organometallic Chemistry, 2006, 691, 3652-3658.	0.8	9
74	2-Mercaptothiazoline modified mesoporous silica for mercury removal from aqueous media. Journal of Hazardous Materials, 2006, 134, 245-256.	6.5	168
75	Adsorption of mercury ions by mercapto-functionalized amorphous silica. Analytical and Bioanalytical Chemistry, 2006, 384, 827-838.	1.9	22
76	Asymmetric epoxidation of cinnamyl alcohol with optically active titanium complexes. Chirality, 2006, 18, 44-48.	1.3	7
77	Synthesis, hydrosilylation reactivity and catalytic properties of group 4 ansa-metallocene complexes. Polyhedron, 2005, 24, 1298-1313.	1.0	25
78	Synthesis and characterization of cyclopentadienyl/alkoxy titanium dichlorides: structural analysis of monocyclopentadienyl titanium dichlorides with ligands derived from menthol and borneol. Journal of Organometallic Chemistry, 2004, 689, 3492-3500.	0.8	7
79	Synthesis, Structural Characterisation and Reactivity of New Dinuclear Monocyclopentadienyl Imidoniobium and -tantalum Complexes: X-ray Crystal Structures of [Nb(η -5-C ₅ H ₄ SiMe ₃)Cl ₂] ₂ (η -1,4-NC ₆ H ₄ N)], [Ta(η -5-C ₅ Me ₅)Cl ₂] ₂ (η -1,4-NC ₆ H ₄ N)] and [Ta(η -5-C ₅ Me ₅)(CH ₂ SiMe ₃) ₂] ₂ (η -1,4-NC ₆ H ₄ N)]. European Journal of Inorganic Chemistry, 2004, 2004, 1200-1210.	1.0	15
80	Chiral capillary electrophoresis applied to the determination of phenylglycidol enantiomers obtained from cinnamyl alcohol by asymmetric epoxidation using new titanium(IV) alkoxide compounds as catalysts. Electrophoresis, 2004, 25, 2745-2754.	1.3	21
81	Isocyanide insertion reactivity of dinuclear niobium and tantalum imido complexes: X-ray crystal structure of [Nb(η -5-C ₅ H ₄ SiMe ₃)(CH ₂ Ph) ₂] ₂ (η -1,4-NC ₆ H ₄ N)]. Journal of Organometallic Chemistry, 2004, 689, 1304-1314.	0.8	25
82	Simultaneous determination of phenylglycidol enantiomers and cinnamyl alcohol in asymmetric epoxidation processes by chiral liquid chromatography. Journal of Chromatography A, 2004, 1046, 61-66.	1.8	13
83	Hydrosilylation in the Design and Functionalization of ansa-Metallocene Complexes. Organometallics, 2004, 23, 4062-4069.	1.1	33
84	Simultaneous determination of phenylglycidol enantiomers and cinnamyl alcohol in asymmetric epoxidation processes by chiral liquid chromatography. Journal of Chromatography A, 2004, 1046, 61-66.	1.8	5
85	The Reactivity of Allyl and Olefin-Hydride Niobocene Derivatives Towards Isocyanides. X-ray Crystal Structure of [Nb(η -5-C ₅ H ₄ SiMe ₃) ₂ (η -3-CH(R)CH ₂ (R))]. (R = SiMe ₂ tBu). European Journal of Inorganic Chemistry, 2003, 2003, 2438-2445.	1.0	10
86	Sandwich and Half-Sandwich (Imido)niobium Complexes. European Journal of Inorganic Chemistry, 2003, 2003, 17-28.	1.0	14
87	Sandwich and Half-Sandwich (Imido)niobium Complexes. ChemInform, 2003, 34, no.	0.1	0
88	Synthesis of adducts from mercury(II) with N and S donor ligands as models of adsorbent materials for the retention of heavy metals. Inorganica Chimica Acta, 2003, 355, 347-353.	1.2	9
89	Synthesis and reactivity of alkynyl niobocene complexes. Journal of Organometallic Chemistry, 2003, 670, 123-131.	0.8	8
90	Group 4 metallocene complexes incorporating vinyl or allyl substituted ansa ligands. X-Ray crystal structures of [Zr{Me(CH ₂ ...CH)Si(η -5-C ₅ Me ₄) ₂ }Cl ₂], [Zr{Me(CH ₂ ...CHCH ₂)Si(η -5-C ₅ H ₄) ₂ }Cl ₂] and [Zr{Me(CH ₂ ...CHCH ₂)Si(η -5-C ₅ Me ₄)(η -5-C ₅ H ₄)}Cl ₂]. Journal of Organometallic Chemistry, 2003, 683, 11-22.	0.8	32

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91	Synthesis and structure of titanium alkoxide complexes with bulky ligands derived from natural products. <i>Journal of Organometallic Chemistry</i> , 2003, 679, 220-228.	0.8	28
92	Synthesis and structural characterisation of new organo-diimido tantalum and niobium complexes. <i>Dalton Transactions</i> , 2003, , 910-917.	1.6	17
93	Synthesis, Structure, and Reactivity of Niobocene Imido Complexes Containing Alkynyl Ligands. X-ray Crystal Structure of $[\text{Nb}(\text{NPh})(\eta^5\text{-C}_5\text{H}_4\text{SiMe}_3)_2(\text{C}\equiv\text{CPh})]$. <i>Organometallics</i> , 2001, 20, 3132-3138.	1.1	14
94	Electrochemical and spectroscopic studies on dicarboxylato niobocene complexes. <i>Journal of Organometallic Chemistry</i> , 2001, 629, 54-60.	0.8	5
95	Synthesis and reactivity of new oxo alkyl or oxo acyl niobocene complexes and crystal structure of $\text{Cp}^*\text{Nb}(\text{O})(\text{OC}(\text{O})\text{CF}_3)(\text{C}\equiv\text{C}\eta^5\text{-C}_5\text{H}_4\text{SiMe}_3)$. <i>Journal of Organometallic Chemistry</i> , 2000, 598, 167-173.	0.8	6
96	Synthesis and structural characterization of new organo-diimido and organo-imido niobium and titanium complexes. <i>Dalton Transactions RSC</i> , 2000, , 2375-2382.	2.3	21
97	Facile Synthesis of Alkynyl and Vinylidene Niobocene Complexes. Unexpected η^1 -Vinylidene η^2 -Alkyne Isomerization. <i>Organometallics</i> , 2000, 19, 1749-1765.	1.1	32
98	Sandwich and half-sandwich niobium imido complexes: X-ray crystal structure of $[\text{Nb}(\text{NAr})(\text{Cp}^*\text{Cl})]$ ($\text{Cp}^* = \eta^5\text{-C}_5\text{H}_4\text{SiMe}_3$, $\text{Ar} = \text{C}_6\text{H}_4\text{OMe-4}$). <i>Journal of Organometallic Chemistry</i> , 1999, 585, 154-161.	0.8	17
99	Advances in the chemistry of bis-cyclopentadienyl hydride derivatives of niobium and tantalum. <i>Coordination Chemistry Reviews</i> , 1999, 193-195, 43-72.	9.5	21
100	New Niobocene Alkyne Complexes: A Synthesis and Characterization of Neutral and Cationic Niobium Complexes with Functionalized Alkynes. X-ray Crystal Structure of $[\text{Nb}(\eta^5\text{-C}_5\text{H}_4\text{SiMe}_3)_2(\text{Cl})(\eta^2\text{-C}_2\text{C}(\text{R}_1)\text{C}(\text{R}_2))]^+$ ($\text{R}_1 = \text{C}_6\text{H}_5$, $\text{R}_2 = \text{Ph}$ (2b); $\text{R}_1 = \text{CH}_2\text{CHC}(\text{CH}_3)_2$, $\text{R}_2 = \text{Ph}$ (3b)). <i>Organometallics</i> , 1999, 18, 1287-1298.	1.1	12
101	Synthesis and structural characterization of isocyanate, amido and imido niobocene derivatives:		

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109	Chemistry of η^2 -CS ₂ Niobocene Complexes: Synthesis and Characterization of New 1,3-Dithiol-2-ylidene Complexes via Reactions with Activated Alkynes. <i>Organometallics</i> , 1996, 15, 1966-1971.	1.1	22
110	Exchange Coupling in Niobocene Trihydrides, Nb(C ₅ H ₃ RR' ₂) ₂ H ₃ , and Their Adducts with Copper Triad Cations, [Nb(C ₅ H ₃ RR' ₂) ₂ H ₃] ²⁺ (R = R' = H; R = H, R' = SiMe ₃ ; R = R' = SiMe ₃ ; M = Cu, Ag, Au). <i>Inorganic Chemistry</i> , 1996, 35, 7873-7881.	0.9	43
111	Electrochemical synthesis and reactivity of carbonato-niobocene complexes. <i>Journal of Organometallic Chemistry</i> , 1996, 525, 125-131.	0.8	3
112	Reactivity of niobocene dihalogenides toward nitroso derivatives. EPR and IR characterization of the first niobium(IV) complexes containing an ArNO-N,O ligand. <i>Journal of Organometallic Chemistry</i> , 1995, 490, 7-10.	0.8	8
113	Electrochemical and chemical reduction of niobocene dichlorides in the presence of carbon dioxide. <i>Journal of Organometallic Chemistry</i> , 1995, 498, 165-170.	0.8	10
114	Synthesis and Characterization of New Silyl Niobocene Complexes. X-ray Molecular Structure of η^5 -Nb(η^5 -C ₅ H ₄ SiMe ₃) ₂ (H) ₂ (SiPh ₂ H). <i>Organometallics</i> , 1995, 14, 1518-1521.	1.1	23
115	Synthesis of Coinage Metal Cation Adducts of Nb(C ₅ H ₄ SiMe ₃) ₂ H(CO). X-ray Crystal Structure of [Nb(C ₅ H ₄ SiMe ₃) ₂ (CO)] ₂ (μ -H) ₂ Cu]PF ₆ . <i>Organometallics</i> , 1995, 14, 1297-1301.	1.1	17
116	Synthesis and structural characterisation of new isocyanate and imido niobocene complexes. Crystal structures of [Nb(η^5 -C ₅ H ₄ SiMe ₃) ₂ Cl] ₂ and [Nb(η^5 -C ₅ H ₄ SiMe ₃) ₂ (=NPh)Cl]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 1007-1013.	1.1	32
117	Synthesis, electrochemistry and reactivity of formato ⁻ and acetato ⁻ niobocene complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 3409-3414.	1.1	20
118	Azinium-N-(η^2 -aziny)aminides: synthesis, structure and reactivity. <i>Tetrahedron</i> , 1994, 50, 4995-5012.	1.0	28
119	Delocalization of the unpaired spin density in some niobocene complexes with σ -donor, π -acceptors. <i>Journal of Organometallic Chemistry</i> , 1994, 470, 127-130.	0.8	12
120	Synthesis, electrosynthesis and structural studies of bis(silylcyclopentadienyl) niobium complexes with acetylene ligands. <i>Journal of Organometallic Chemistry</i> , 1994, 481, 27-35.	0.8	10
121	Studies of the reactivity towards insertion and electrophilic processes of Nb-H and Nb(η^2 -CS ₂) moieties of bis(trimethylsilylcyclopentadienyl)niobium complexes. <i>Journal of Organometallic Chemistry</i> , 1994, 482, 93-98.	0.8	27
122	Synthesis, Spectroscopic Properties, and X-ray Crystal Structure of [Nb(C ₅ H ₃ [SiMe ₃] ₂) ₂ H ₃] ₂ Au ⁺ , a Complex Showing Large Quantum Mechanical Exchange Couplings. <i>Inorganic Chemistry</i> , 1994, 33, 5163-5164.	1.9	37
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125	Synthesis and spectroscopic studies of ruthenium complexes with poly(pyrazol-1-yl) methane ligands. Crystal structure of [RuCl(cod)(tpzm)]Cl \cdot EtOH [cod = cycloocta-1,5-diene, tpzm = tris(pyrazol-1-yl)methane]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 1935-1939.	1.1	35
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#	ARTICLE	IF	CITATIONS
127	Exchange couplings in Lewis acid adducts of substituted niobocene trihydrides. <i>Inorganic Chemistry</i> , 1992, 31, 5156-5157.	1.9	26
128	Electrochemical studies on organometallic compounds. <i>Journal of Organometallic Chemistry</i> , 1992, 441, 45-49.	0.8	6
129	Electrochemical studies on organometallic compounds. <i>Journal of Organometallic Chemistry</i> , 1992, 426, C4-C7.	0.8	11
130	Electrochemical studies on organometallic compounds. <i>Journal of Organometallic Chemistry</i> , 1992, 435, C3-C7.	0.8	12
131	Early-transition-metal ketene complexes: Synthesis, reactivity and structure of ketene complexes of bis(trimethylsilyl)niobocene, X-ray structure of $[\text{Nb}(\eta^5\text{-C}_5\text{H}_4\text{SiMe}_3)_2\text{Br}(\text{Ph}_2\text{C}=\text{C}=\text{O})]$. <i>Journal of Organometallic Chemistry</i> , 1992, 435, 55-72.	0.8	35
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133	Easy route for the synthesis of iminoacyl niobocene complexes. The first x-ray structure of an		

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145	Bonding interactions between three adjacent hydrogen ligands. Preparation and spectroscopic properties of the tantalum and niobium complexes $[\text{Ta}(\text{H})_3(\text{C}_5\text{H}_5\text{R})_2]$ ($\text{R} = \text{SiMe}_3$, $n = 1$ or 2) and $[\text{Nb}(\text{H})_3(\text{C}_5\text{H}_5\text{R})_2]$ ($n = 1$, $\text{R} = \text{Me}$ or SiMe_3 ; $n = 2$, $\text{R} = \text{SiMe}_3$). <i>Journal of the Chemical Society Chemical Communications</i> , 1988, .	2.0	56
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152	Dicyclopentadienyltantalum complexes. <i>Journal of Organometallic Chemistry</i> , 1983, 246, 269-278.	0.8	14
153	Dicyclopentadienyl-niobium(III) and -niobium(IV) complexes. <i>Journal of Organometallic Chemistry</i> , 1982, 234, 309-314.	0.8	12