

Carlos Alonso Moreno

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

2,476
citations

159585

30
h-index

214800

47
g-index

81
all docs

81
docs citations

81
times ranked

1974
citing authors

#	ARTICLE	IF	CITATIONS
1	The carbon footprint balance of a real-case wine fermentation CO ₂ capture and utilization strategy. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 157, 112058.	16.4	10
2	A bis(pyrazolyl)methane derivative against clinical <i>Staphylococcus aureus</i> strains isolated from otitis externa. <i>Laryngoscope Investigative Otolaryngology</i> , 2022, 7, 283-290.	1.5	2
3	Synthesis of High Molecular Weight Stereo-Di-Block Copolymers Driven by a Co-Initiator Free Catalyst. <i>Polymers</i> , 2022, 14, 232.	4.5	3
4	Multifunctional PLA/Gelatin Bionanocomposites for Tailored Drug Delivery Systems. <i>Pharmaceutics</i> , 2022, 14, 1138.	4.5	7
5	Homogeneous aluminum and iron catalysts for the synthesis of organic molecules and biodegradable polymers. , 2021, , 3-43.		0
6	Ring-Opening Copolymerization of Cyclohexene Oxide and Cyclic Anhydrides Catalyzed by Bimetallic Scorpionate Zinc Catalysts. <i>Polymers</i> , 2021, 13, 1651.	4.5	5
7	Heteroscorpionate Rare-Earth Catalysts for the Low-Pressure Coupling Reaction of CO ₂ and Cyclohexene Oxide. <i>Organometallics</i> , 2021, 40, 1503-1514.	2.3	11
8	The Effect of WS ₂ Nanosheets on the Non-Isothermal Cold- and Melt-Crystallization Kinetics of Poly(l-lactic acid) Nanocomposites. <i>Polymers</i> , 2021, 13, 2214.	4.5	5
9	Polyester Polymeric Nanoparticles as Platforms in the Development of Novel Nanomedicines for Cancer Treatment. <i>Cancers</i> , 2021, 13, 3387.	3.7	24
10	Novel Fluorescence Guanidine Molecules for Selective Sulfate Anion Detection in Water Complex Samples over a Wide pH Range. <i>ACS Sensors</i> , 2021, 6, 3224-3233.	7.8	10
11	A novel bis(pyrazolyl)methane compound as a potential agent against Gram-positive bacteria. <i>Scientific Reports</i> , 2021, 11, 16306.	3.3	7
12	Mithramycin delivery systems to develop effective therapies in sarcomas. <i>Journal of Nanobiotechnology</i> , 2021, 19, 267.	9.1	11
13	Tuning the Cytotoxicity of Bis-Phosphino-Amines Ruthenium(II) Para-Cymene Complexes for Clinical Development in Breast Cancer. <i>Pharmaceutics</i> , 2021, 13, 1559.	4.5	3
14	Vitamin E Delivery Systems Increase Resistance to Oxidative Stress in Red Deer Sperm Cells: Hydrogel and Nanoemulsion Carriers. <i>Antioxidants</i> , 2021, 10, 1780.	5.1	11
15	Options to Improve the Action of PROTACs in Cancer: Development of Controlled Delivery Nanoparticles. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 805336.	3.7	7
16	Controlled Delivery of BET-PROTACs: In Vitro Evaluation of MZ1-Loaded Polymeric Antibody Conjugated Nanoparticles in Breast Cancer. <i>Pharmaceutics</i> , 2020, 12, 986.	4.5	41
17	An Overview of Antibody Conjugated Polymeric Nanoparticles for Breast Cancer Therapy. <i>Pharmaceutics</i> , 2020, 12, 802.	4.5	62
18	Antibody Conjugation of Nanoparticles as Therapeutics for Breast Cancer Treatment. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6018.	4.1	52

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19	The role of water and influence of hydrogen bonding on the self-assembly aggregation induced emission of an anthracene-guanidine-derivative. <i>Chemical Communications</i> , 2020, 56, 4102-4105.	4.1	19
20	PEI-coated PLA nanoparticles to enhance the antimicrobial activity of carvacrol. <i>Food Chemistry</i> , 2020, 328, 127131.	8.2	46
21	Bimetallic Zinc Catalysts for Ring-Opening Copolymerization Processes. <i>Inorganic Chemistry</i> , 2020, 59, 8412-8423.	4.0	21
22	Quick Fire Set of Questions About CO ₂ that Need to Be Answered. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2020, , 81-98.	0.4	0
23	The "CO ₂ -RFP Strategy"™. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2020, , 99-112.	0.4	0
24	Oro nanométrico y vectorizado como potencial estrategia hacia el tratamiento de la artritis reumatoide. <i>FarmaJournal</i> , 2020, 5, 75-83.	0.0	0
25	Screening and Preliminary Biochemical and Biological Studies of [RuCl(<i>p</i> -cymene)(<i>N</i> , <i>N</i> -bis(diphenylphosphino)-isopropylamine)] [BF ₄] in Breast Cancer Models. <i>ACS Omega</i> , 2019, 4, 13005-13014.	3.5	7
26	Poly(Cyclohexene Phthalate) Nanoparticles for Controlled Dasatinib Delivery in Breast Cancer Therapy. <i>Nanomaterials</i> , 2019, 9, 1208.	4.1	24
27	Synthesis of helical aluminium catalysts for cyclic carbonate formation. <i>Dalton Transactions</i> , 2019, 48, 4218-4227.	3.3	33
28	Trastuzumab-Targeted Biodegradable Nanoparticles for Enhanced Delivery of Dasatinib in HER2+ Metastatic Breast Cancer. <i>Nanomaterials</i> , 2019, 9, 1793.	4.1	40
29	Assessment of doxorubicin delivery devices based on tailored bare polycaprolactone against glioblastoma. <i>International Journal of Pharmaceutics</i> , 2019, 558, 110-119.	5.2	19
30	Guanidine Substitutions in Naphthyl Systems to Allow a Controlled Excited-State Intermolecular Proton Transfer: Tuning Photophysical Properties in Aqueous Solution. <i>Journal of Physical Chemistry C</i> , 2018, 122, 9363-9373.	3.1	13
31	Alternating Copolymerization of Epoxides and Anhydrides Catalyzed by Aluminum Complexes. <i>ACS Omega</i> , 2018, 3, 17581-17589.	3.5	21
32	The Carbon Dioxide-Rumen Fermentation Processes-strategy, a proposal to sustain environmentally friendly dairy farms. <i>Journal of Cleaner Production</i> , 2018, 204, 735-743.	9.3	3
33	Versatile organoaluminium catalysts based on heteroscorpionate ligands for the preparation of polyesters. <i>Dalton Transactions</i> , 2018, 47, 7471-7479.	3.3	21
34	Synthesis, characterization, DNA interactions and antiproliferative activity on glioblastoma of iminopyridine platinum(II) chelate complexes. <i>Journal of Inorganic Biochemistry</i> , 2017, 168, 46-54.	3.5	9
35	Aminophosphine ligands as a privileged platform for development of antitumoral ruthenium(II) arene complexes. <i>Dalton Transactions</i> , 2017, 46, 16113-16125.	3.3	27
36	One-Component Aluminum(heteroscorpionate) Catalysts for the Formation of Cyclic Carbonates from Epoxides and Carbon Dioxide. <i>ChemSusChem</i> , 2017, 10, 1175-1185.	6.8	68

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37	Environmental potential of the use of CO ₂ from alcoholic fermentation processes. The CO-AFP strategy. <i>Science of the Total Environment</i> , 2016, 568, 319-326.	8.0	18
38	Tris(pentafluorophenyl)borane as an efficient catalyst in the guanylation reaction of amines. <i>Dalton Transactions</i> , 2016, 45, 10717-10729.	3.3	14
39	Phenyl-guanidine derivatives as potential therapeutic agents for glioblastoma multiforme: catalytic syntheses, cytotoxic effects and DNA affinity. <i>RSC Advances</i> , 2016, 6, 8267-8276.	3.6	9
40	Synthesis of Cyclic Carbonates Catalysed by Aluminium Heteroscorpionate Complexes. <i>Chemistry - A European Journal</i> , 2015, 21, 9850-9862.	3.3	104
41	Capture agents, conversion mechanisms, biotransformations and biomimetics: general discussion. <i>Faraday Discussions</i> , 2015, 183, 463-487.	3.2	1
42	Toward the Prediction of Activity in the Ethylene Polymerisation of ansa-Bis(indenyl) Zirconocenes: Effect of the Stereochemistry and Hydrogenation of the Indenyl Moiety. <i>ChemPlusChem</i> , 2015, 80, 963-972.	2.8	3
43	Synthesis and structural characterization of amido heteroscorpionate rare-earth metal complexes and hydroamination of aminoalkenes. <i>New Journal of Chemistry</i> , 2015, 39, 7672-7681.	2.8	16
44	Catalytic behaviour in the ring-opening polymerisation of organoaluminiums supported by bulky heteroscorpionate ligands. <i>Dalton Transactions</i> , 2015, 44, 12388-12400.	3.3	35
45	Guanidines: from classical approaches to efficient catalytic syntheses. <i>Chemical Society Reviews</i> , 2014, 43, 3406-3425.	38.1	176
46	Synthesis of cyclic carbonates catalysed by aluminium heteroscorpionate complexes. <i>Catalysis Science and Technology</i> , 2014, 4, 1674-1684.	4.1	87
47	Ring-Opening (ROP) versus Ring-Expansion (REP) Polymerization of ϵ -Caprolactone To Give Linear or Cyclic Polycaprolactones. <i>Macromolecules</i> , 2013, 46, 6388-6394.	4.8	75
48	Heteroscorpionate aluminium complexes as chiral building blocks to engineer helical architectures. <i>Dalton Transactions</i> , 2013, 42, 14240.	3.3	13
49	Synthesis, structural characterization and catalytic evaluation of the ring-opening polymerization of discrete five-coordinate alkyl aluminium complexes. <i>Dalton Transactions</i> , 2013, 42, 9325.	3.3	50
50	Molecular Structure of a Hydridoniobocene Complex [Nb(η -5-C ₅ H ₄ SiMe ₃) ₂ (H) ₃] and Its Use as Catalyst for the Ring-Opening Polymerization of Cyclic Esters. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 1139-1144.	2.0	14
51	Heteroscorpionate rare-earth initiators for the controlled ring-opening polymerization of cyclic esters. <i>Dalton Transactions</i> , 2011, 40, 4687.	3.3	37
52	Stereoselective Production of Poly(<i>rac</i> -lactide) by ROP with Highly Efficient Bulky Heteroscorpionate Alkylmagnesium Initiators. <i>Organometallics</i> , 2011, 30, 2775-2789.	2.3	92
53	Neutral and Cationic Aluminum Complexes Supported by Acetamidate and Thioacetamidate Heteroscorpionate Ligands as Initiators for Ring-Opening Polymerization of Cyclic Esters. <i>Organometallics</i> , 2011, 30, 1507-1522.	2.3	77
54	Straightforward Generation of Helical Chirality Driven by a Versatile Heteroscorpionate Ligand: Self-Assembly of a Metal Helicate by Using CH π - π Interactions. <i>Chemistry - A European Journal</i> , 2010, 16, 8615-8619.	3.3	31

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55	Simple, Versatile, and Efficient Catalysts for Guanylation of Amines. <i>Organometallics</i> , 2010, 29, 2789-2795.	2.3	86
56	Oxo- and imido-alkoxide vanadium complexes as precatalysts for the guanylation of aromatic amines. <i>Dalton Transactions</i> , 2010, 39, 6419.	3.3	40
57	New achiral and chiral NNE heteroscorpionate ligands. Synthesis of homoleptic lithium complexes as well as halide and alkyl scandium and yttrium complexes. <i>Dalton Transactions</i> , 2010, 39, 930-940.	3.3	36
58	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.	4.0	80
59	Well-Defined Regioselective Iminopyridine Rhodium Catalysts for Anti-Markovnikov Addition of Aromatic Primary Amines to 1-octyne. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 881-890.	4.3	29
60	Ring-Opening Polymerization of Cyclic Esters by an Enantiopure Heteroscorpionate Rare Earth Initiator. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2176-2179.	13.8	83
61	UV-visible spectroscopy for zirconocene activation by MAO in olefin polymerization: activity versus wavenumber. <i>Applied Organometallic Chemistry</i> , 2009, 23, 241-244.	3.5	5
62	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
63	Synthesis, characterization and compared reactivity of asymmetrical ansa-metallocenes. <i>Inorganic Chemistry Communication</i> , 2009, 12, 184-186.	3.9	7
64	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.	3.3	34
65	Synthesis and structures of complexes with axially chiral isoquinolinyl-naphtholate ligands. <i>Dalton Transactions</i> , 2009, , 8667.	3.3	34
66	Versatile Scorpionates and New Developments in the Denticity Changes of NNCp Hybrid Scorpionate/Cyclopentadienyl Ligands in Sc and Y Compounds: From $\text{Ir}^{\text{I}}\text{-Ni}^{\text{V}}\text{-Cp}$ to $\text{Ir}^{\text{II}}\text{-NNi}^{\text{V}}\text{-Cp}$. <i>Inorganic Chemistry</i> , 2008, 47, 4996-5005.	4.0	38
67	Ligand Mobility and Solution Structures of the Metallocenium Ion Pairs $[\text{Me}_2\text{C}(\text{Cp})(\text{fluorenyl})\text{MCH}_2\text{SiMe}_3]^+ \text{X}^-$ ($\text{M} = \text{Zr}, \text{Hf}; \text{X} = \text{MeB}(\text{C}_6\text{F}_5)_3$) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 252 Td (B(C	3.3	47
68	Scandium and Yttrium Complexes Supported by NNCp Heteroscorpionate Ligands: Synthesis, Structure, and Polymerization of μ -Caprolactone. <i>Organometallics</i> , 2008, 27, 976-983.	2.3	61
69	Discrete Heteroscorpionate Lithium and Zinc Alkyl Complexes. Synthesis, Structural Studies, and ROP of Cyclic Esters. <i>Organometallics</i> , 2008, 27, 1310-1321.	2.3	72
70	Evidence for Mixed-Ion Clusters in Metallocene Catalysts: Influence on Ligand Exchange Dynamics and Catalyst Activity. <i>Journal of the American Chemical Society</i> , 2007, 129, 9282-9283.	13.7	48
71	Well-Defined Alkyl Heteroscorpionate Magnesium Complexes as Excellent Initiators for the ROP of Cyclic Esters. <i>Organometallics</i> , 2007, 26, 6403-6411.	2.3	107
72	Activation process of 3-alkyl-substituted ansa-bis(indenyl) zirconocenes by MAO. <i>Journal of Molecular Catalysis A</i> , 2007, 261, 53-63.	4.8	11

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73	Formation and structures of cationic zirconium complexes in ternary systems (X=Cl, Me). Journal of Organometallic Chemistry, 2007, 692, 859-868.	1.8	35
74	Supported modified zirconocene catalyst for ethylene polymerization. Journal of Molecular Catalysis A, 2006, 258, 236-245.	4.8	15
75	Synthesis, Characterization, and Catalytic Properties of ansa-Zirconocenes [Zr{1-Me2Si(3-1-5-C9H5R)2}Cl2] (R = Me, nPr, nBu, and Bz). European Journal of Inorganic Chemistry, 2006, 2006, 972-979.	2.0	5
76	Novel Indenylzirconium Complexes as Supported Catalysts in the Polymerization of Ethylene. European Journal of Inorganic Chemistry, 2005, 2005, 2924-2934.	2.0	24
77	Modified silicas as supports for single-site zirconocene catalysts. Journal of Molecular Catalysis A, 2004, 220, 286-296.	4.8	30
78	Niobium, titanium, zirconium and hafnium complexes incorporating germanium bridged ansa ligands. X-Ray crystal structures of [Zr{Me2Ge(1-5-C5Me4)2}Cl2] and [M{Me2Ge(1-5-C5Me4)(1-5-C5H4)}Cl2] (M=Zr, Hf). Journal of Organometallic Chemistry, 2002, 656, 129-138.	1.8	29