Carmen Martin

List of Publications by Year
in descending order

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Version: 2024-02-01

30 papers	1,865 citations	430754 18 h-index	454834 30 g-index
34 all docs	34 docs citations	34 times ranked	2294 citing authors

#	Article	IF	Citations
1	((R)-(â˜)-3-Hydroxyquinuclidium)[FeCl₄]; a plastic hybrid compound with chirality, ferroelectricity and long range magnetic ordering. Journal of Materials Chemistry C, 2021, 9, 4453-4465.	2.7	16
2	Blurring the boundary between homogenous and heterogeneous catalysis using palladium nanoclusters with dynamic surfaces. Nature Communications, 2021, 12, 4965.	5.8	12
3	Paramagnetic ionic liquid-coated SiO2@Fe3O4 nanoparticlesâ€"The next generation of magnetically recoverable nanocatalysts applied in the glycolysis of PET. Applied Catalysis B: Environmental, 2020, 260, 118110.	10.8	94
4	Redoxâ€Active Hybrid Polyoxometalateâ€Stabilised Gold Nanoparticles. Angewandte Chemie - International Edition, 2020, 59, 14331-14335.	7.2	25
5	Synthesis of chiral iron-based ionic liquids: modelling stable hybrid materials. New Journal of Chemistry, 2020, 44, 6375-6383.	1.4	3
6	Redoxâ€Active Hybrid Polyoxometalateâ€Stabilised Gold Nanoparticles. Angewandte Chemie, 2020, 132, 14437-14441.	1.6	6
7	Physical and Electrochemical Modulation of Polyoxometalate Ionic Liquids via Organic Functionalization. European Journal of Inorganic Chemistry, 2019, 2019, 456-460.	1.0	12
8	Comparing conventional and microwave-assisted heating in PET degradation mediated by imidazolium-based halometallate complexes. New Journal of Chemistry, 2019, 43, 3476-3485.	1.4	45
9	Bifunctional Aminotriphenolate Complexes as Oneâ€Component Catalysts for the Ringâ€Opening Copolymerization of Cyclic Anhydrides and Epoxides. European Journal of Inorganic Chemistry, 2018, 2018, 1921-1927.	1.0	23
10	Semiaromatic Polyesters Derived from Renewable Terpene Oxides with High Glass Transitions. Macromolecules, 2017, 50, 5337-5345.	2.2	101
11	Catalytic Coupling of Carbon Dioxide with Terpene Scaffolds: Access to Challenging Bioâ€Based Organic Carbonates. ChemSusChem, 2016, 9, 1304-1311.	3.6	102
12	Terpolymers Derived from Limonene Oxide and Carbon Dioxide: Access to Cross-Linked Polycarbonates with Improved Thermal Properties. Macromolecules, 2016, 49, 6285-6295.	2.2	101
13	Copperâ€"Carbene Intermediates in the Copperâ€Catalyzed Functionalization of Oï£¿H Bonds. Chemistry - A European Journal, 2015, 21, 9769-9775.	1.7	48
14	Highly Efficient Organocatalyzed Conversion of Oxiranes and CO₂ into Organic Carbonates. ChemSusChem, 2015, 8, 3248-3254.	3.6	76
15	Recent Advances in the Catalytic Preparation of Cyclic Organic Carbonates. ACS Catalysis, 2015, 5, 1353-1370.	5.5	865
16	Copolymerization of CO₂ and Cyclohexene Oxide Mediated by Yb(salen)-Based Complexes. Macromolecules, 2015, 48, 8197-8207.	2.2	53
17	Chapter 13. Iron Complex-based Catalysts. RSC Green Chemistry, 2015, , 373-406.	0.0	1
18	Comparing kinetic profiles between bifunctional and binary type of Zn(salen)-based catalysts for organic carbonate formation. Beilstein Journal of Organic Chemistry, 2014, 10, 1817-1825.	1.3	21

#	Article	IF	Citations
19	Easily accessible bifunctional Zn(salpyr) catalysts for the formation of organic carbonates. Catalysis Science and Technology, 2014, 4, 1615-1621.	2.1	67
20	Combined Experimental/Computational Study of Iridium and Palladium Hydride PP(O)P Pincer Complexes. Organometallics, 2014, 33, 571-577.	1.1	19
21	Synthesis and Structural Features of Co(II) and Co(III) Complexes Supported by Aminotrisphenolate Ligand Scaffolds. Inorganic Chemistry, 2014, 53, 11675-11681.	1.9	13
22	Chelating Assistance of Pâ€“C and Pâ€“H Bond Activation at Palladium and Nickel: Straightforward Access to Diverse Pincer Complexes from a Diphosphineâ€“Phosphine Oxide. Organometallics, 2013, 32, 1121-1128.	1.1	34
23	An Effective Dual Copperâ€•and Sulfideâ€Catalytic System for the Epoxidation of Aldehydes with Phenyldiazomethane. Advanced Synthesis and Catalysis, 2013, 355, 2942-2951.	2.1	12
24	Hydrotris(3-mesitylpyrazolyl)borato-copper(i) alkyne complexes: synthesis, structural characterization and rationalization of their activities as alkyne cyclopropenation catalysts. Dalton Transactions, 2012, 41, 5319.	1.6	22
25	Coordination of a diphosphineâ€“phosphine oxide to Au, Ag and Rh: when polyfunctionality rhymes with versatility. Dalton Transactions, 2012, 41, 14274.	1.6	7
26	Stable Nâ€Heterocyclic Carbene (NHC)â€“Palladium(0) Complexes as Active Catalysts for Olefin Cyclopropanation Reactions with Ethyl Diazoacetate. Chemistry - A European Journal, 2011, 17, 14885-14895.	1.7	17
27	Copper(I)â^'Olefin Complexes: The Effect of the Trispyrazolylborate Ancillary Ligand in Structure and Reactivity. Organometallics, 2010, 29, 3481-3489.	1.1	32
28	Rediscovering copper-based catalysts for intramolecular carbonâ€“hydrogen bond functionalization by carbene insertion. Organic and Biomolecular Chemistry, 2009, 7, 4777.	1.5	24
29	Formation of a Rotaxane from the End-Capping Process of a Pseudorotaxane. Effects of the Solvent. Journal of Physical Chemistry B, 2008, 112, 11610-11615.	1.2	4
30	Salt and Solvent Effects on the Kinetics and Thermodynamics of the Inclusion of the Ruthenium Complex [Ru(NH3)5(4,4â€˜-bpy)]2+in Î²-Cyclodextrin. Journal of Physical Chemistry B, 2006, 110, 12959-12963.	1.2	10