

Eleonora Polo

List of Publications by Year in descending order

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630
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567281

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36
all docs

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docs citations

36
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidation of alkanes by dioxygen catalysed by photoactivated iron porphyrins. Journal of the Chemical Society Chemical Communications, 1991, , 1487.	2.0	52
2	Photochemistry of Iron-porphyrin complexes. Biomimetics and catalysis. Coordination Chemistry Reviews, 1993, 125, 143-154.	18.8	52
3	Photocatalytic and catalytic activity of heterogenized W10O32 ⁴⁺ in the bromide-assisted bromination of arenes and alkenes in the presence of oxygen. Journal of Molecular Catalysis A, 2007, 262, 156-163.	4.8	51
4	Photooxidation of hydrocarbons on porphyrin-modified titanium dioxide powders. Journal of the Chemical Society Chemical Communications, 1992, , 1355.	2.0	41
5	CITIUS: An infrared-extreme ultraviolet light source for fundamental and applied ultrafast science. Review of Scientific Instruments, 2014, 85, 023104.	1.3	40
6	The intramolecular nitrile oxide cycloaddition route to forskolin. Journal of the Chemical Society Chemical Communications, 1986, , 757.	2.0	35
7	Synthetic studies towards forskolin. Tetrahedron, 1989, 45, 1517-1532.	1.9	30
8	Crystal structure and spectroscopic analysis of melamine hydrobromide. Evidence for iso-melamine cations and charge ⁺ transfer complexes in the solid state. Journal of the Chemical Society Perkin Transactions II, 1992, , 1127-1132.	0.9	30
9	Entrapping of iron(III) porphyrins in a polystyrene matrix and their photocatalytic activity in oxidation reactions by molecular oxygen. Inorganica Chimica Acta, 1992, 192, 1-3.	2.4	30
10	Total synthesis of (.+.)-isoclovene. Journal of Organic Chemistry, 1985, 50, 23-29.	3.2	25
11	Spin trapping and some reactions of ruthenium-centred radicals. Inorganica Chimica Acta, 1993, 209, 171-176.	2.4	23
12	Photochemistry of Dihydrido(hydrotris(3,5-dimethylpyrazolyl)borato)(Z-cyclooctene)iridium. Synthetic Intermediates and Mechanism of the Photochemical Formation of Hydridophenyl(hydrotris(3,5-dimethylpyrazolyl)borato)(trimethyl phosphite)iridium. Inorganic Chemistry, 1996, 35, 1602-1608.	4.0	23
13	Synthesis of ring-substituted bis- λ^5 -cyclopentadienyl derivatives of the Group IV elements containing the bicyclic ligands λ^5 -C5H3(1,2-CH2 ⁺) _n , n=4, 5, or 6. Journal of Organometallic Chemistry, 1999, 577, 211-218.	1.8	23
14	Trapping of cyclopentadienone as a 4 ⁺ component in Diels ⁺ Alder reactions with ethyl acrylate: a simple synthesis of (Δ^+)-sarkomycin. Journal of the Chemical Society Chemical Communications, 1984, .	2.0	19
15	Crystal structure and spectroscopic analyses of guanylurea hydrochloride. Evidence of the influence of hydrogen bonding on the π -electron delocalization. Journal of the Chemical Society Perkin Transactions II, 1991, , 1619-1624.	0.9	19
16	Self ⁺ Immobilizing Precatalysts: Norbornene ⁺ Bridged Zirconium <i>ansa</i> ⁺ Metalloenes. Advanced Synthesis and Catalysis, 2008, 350, 1544-1556.	4.3	16
17	Ethene/propene copolymerisations with rac-EBTHIZrR2/alumoxane: η^5 -ligands effect. Journal of Molecular Catalysis A, 2000, 160, 229-236.	4.8	12
18	The Effect of Phenyl Substituents on the Activity of Some Zirconocene Photoinitiators. European Journal of Inorganic Chemistry, 2003, 2003, 324-330.	2.0	11

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19	UV-induced immobilization of tethered zirconocenes on H-terminated silicon surfaces. <i>Chemical Communications</i> , 2008, , 1329.	4.1	11
20	A sterically hindered bis- η -alkylcyclopentadienylzirconium compound as catalyst for the polymerization of ethene and propene. <i>Journal of Organometallic Chemistry</i> , 1997, 527, 173-178.	1.8	9
21	3,4-Bismethylenecyclopentanone ethylene ketal: A useful diene for [6.5]ring systems: Application to a formal synthesis of gibberellic acid. <i>Tetrahedron</i> , 1989, 45, 3935-3944.	1.9	8
22	Zirconocenes as Photoinitiators for Free-Radical Polymerisation of Acrylates. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 405-409.	2.0	8
23	Tethered ansa-bridged titanium complexes immobilized on 3-mercaptopropyl-functionalized silica gel and their application for the hydrosilylation of imines. <i>Dalton Transactions</i> , 2012, 41, 12711.	3.3	8
24	Unbridged bicyclic cyclopentadienyl zirconocene complexes: Their possible application as fluxional catalysts in propene polymerization. <i>Macromolecular Chemistry and Physics</i> , 2002, 203, 1859-1865.	2.2	7
25	From zirconium to titanium: the effect of the metal in t-butylacrylate photoinitiated polymerisation. <i>New Journal of Chemistry</i> , 2004, 28, 652.	2.8	7
26	From zirconium to titanium: the effect of the metal in propylene polymerisation using fluxional unbridged bicyclic catalysts. <i>Macromolecular Symposia</i> , 2004, 213, 89-100.	0.7	7
27	Substituted Ring-Fused Yttrium Derivatives μ -X-ray Crystal Structures of $[(\text{C}_2\text{YCl}_2\text{THF})_2\text{LiCl}\cdot 2\text{THF}]$ and $[(\text{C}_2\text{YCl}(\text{OH}))_6\cdot 2\text{THF}]$ ($\text{L} = 2$ -Phenyl-4,5,6,7,8-hexahydroazulenyl). <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 4104-4110.	2.0	6
28	Intramolecular charge shift following bimolecular reductive quenching of a rhodium(III) polypyridine-diquat dyad. <i>The Journal of Physical Chemistry</i> , 1991, 95, 3889-3892.	2.9	5
29	New tethered ansa-bridged zirconium catalysts: Insights into the self-immobilization mechanism. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1436-1447.	2.3	5
30	Effect of Titanium on Fluxional Behavior of Unbridged Metallocene Catalysts. <i>Macromolecular Rapid Communications</i> , 2004, 25, 1845-1850.	3.9	4
31	Unbridged Zirconium and Titanium Metallocenes with Seven- or Eight-Saturated Fused-Ring Ligands: A Route for the Synthesis of Stereoblock Polypropylene. <i>Macromolecules</i> , 2005, 38, 7231-7240.	4.8	4
32	Seven- and eight-membered saturated fused rings zirconium and titanium metallocenes: A route for the synthesis of elastomeric polypropylene. <i>Kinetics and Catalysis</i> , 2006, 47, 268-273.	1.0	4
33	Photocatalytic Oxygenation of Hydrocarbons on TiO ₂ /Iron-Porphyrin Hybrid Catalysts. <i>Studies in Surface Science and Catalysis</i> , 1993, , 409-416.	1.5	3
34	Photochemical and Photocatalytic Properties Iron-Tetra-Aryl-Porphyrins. <i>Topics in Molecular Organization and Engineering</i> , 1991, , 103-118.	0.1	1
35	Continuous API Synthesis using Heterogeneous Catalysis. <i>Scientia Pharmaceutica</i> , 2010, 78, 628-628.	2.0	0