Leone Oliva

List of Publications by Year in descending order

70 papers	2,305 citations	186254 28 h-index	214788 47 g-index
72 all docs	72 docs citations	72 times ranked	881 citing authors

#	Article	IF	Citations
1	Synthesis and Characterization of Syndiotactic Polystyrene-Polyethylene Block Copolymer. Polymers, 2019, 11, 698.	4.5	1
2	High Conversion of Styrene, Ethylene, and Hydrogen to Linear Monoalkylbenzenes. Molecules, 2018, 23, 1260.	3.8	0
3	Solution Structure and Reactivity with Metallocenes of AlMe₂F: Mimicking Cationâ€“Anion Interactions in Metalloceniumâ€“Methylalumoxane Innerâ€Sphere Ion Pairs. Angewandte Chemie - International Edition, 2017, 56, 14227-14231.	13.8	22
4	Solution Structure and Reactivity with Metallocenes of AlMe₂F: Mimicking Cationâ€“Anion Interactions in Metalloceniumâ€“Methylalumoxane Innerâ€Sphere Ion Pairs. Angewandte Chemie, 2017, 129, 14415-14419.	2.0	7
5	Olefinâ€“Styrene Copolymers. Polymers, 2016, 8, 405.	4.5	16
6	One pot synthesis of linear 1-alkylbenzenes from styrene, ethylene and hydrogen. Journal of Molecular Catalysis A, 2016, 418-419, 154-157.	4.8	4
7	Nanostructured ethyleneâ€“styrene copolymers. Polymer Chemistry, 2014, 5, 3045-3052.	3.9	10
8	The 60th Birthday of Prof. Gaetano Guerra. Macromolecular Chemistry and Physics, 2013, 214, 1883-1884.	2.2	0
9	Asymmetric hydrodimerization of styrene by a chiral zirconium complex containing a tetradentate [OSSO]-type bis(phenolato) ligand. Catalysis Communications, 2011, 12, 1113-1117.	3.3	6
10	Comparison of the Regiochemical Behavior of Zirconium and Hafnium in the Polyinsertion of Styrenes. Organometallics, 2010, 29, 4434-4439.	2.3	6
11	Polymorphism of syndiotactic poly(p-fluoro-styrene). Polymer, 2009, 50, 1901-1907.	3.8	12
12	Electronic Effects on Regioselectivity in Styrene Polyinsertion Promoted by Group 4 Catalysts. Organometallics, 2008, 27, 1028-1029.	2.3	13
13	Tailoring the Metallocene Structure To Obtain LLDPE by Ethene Homopolymerization: An Experimental and Theoretical Study. Organometallics, 2008, 27, 1367-1371.	2.3	7
14	Selective Molecularâˆ’Complex Phase Formation of Syndiotactic Polystyrene with a Styrene Dimer. Macromolecules, 2006, 39, 9171-9176.	4.8	36
15	A Novel Route to Graft-Copolymers with Tailored Structures for the Compatibilization of Polymeric Blend. Macromolecular Symposia, 2006, 234, 42-50.	0.7	10
16	Î¼-Oxo-bis{isopropoxo[2,2â€²-(methylenedithio)bis(6-tert-butyl-4-methylphenolato)]titanium(IV)}. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m2944-m2946.	0.2	2
17	Comparison of the C1-symmetric diastereoisomers of a zirconocene-based catalyst in ethylene polymerization: A benzyl substituent as a regulator in branch formation. Journal of Polymer Science Part A, 2006, 44, 3551-3555.	2.3	3
18	Synthesis of hydrophilic isotactic polypropylenes promoted by metallocene catalysts. Journal of Polymer Science Part A, 2006, 44, 7008-7013.	2.3	4

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19	Enantioselective Câ€“C bond formation in styrene dimerization with chiral ansa zirconocene-based catalyst. Journal of Molecular Catalysis A, 2006, 243, 106-110.	4.8	21
20	meso-Me2Si(1-indenyl)2ZrCl2/methylalumoxane catalyzed polymerization of the ethylene to ethyl-branched polyethylene. Journal of Molecular Catalysis A, 2005, 230, 29-33.	4.8	6
21	A dimeric alkyl complex supported by anO,S,S,O-tetradentate diphenolate ligand. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m221-m222.	0.2	3
22	Aluminium alkyl complexes supported by [OSSO] type bisphenolato ligands: synthesis, characterization and living polymerization of rac-lactide. Dalton Transactions, 2005, , 721.	3.3	74
23	Synthesis of Well-Defined Polypropylene-graft-polystyrene and Relationship between Structure and the Ability To Compatibilize the Polymeric Blends. Macromolecules, 2005, 38, 4894-4900.	4.8	42
24	Isospecific Styrene Polymerization by Chiral Titanium Complexes That Contain a Tetradentate [OSSO]-Type Bis(phenolato) Ligand. Organometallics, 2005, 24, 2971-2982.	2.3	121
25	Isolated Ethylene Units in Isotactic Polystyrene Chain: Stereocontrol of an Isospecific Post-Metallocene Titanium Catalyst. Macromolecular Chemistry and Physics, 2004, 205, 370-373.	2.2	44
26	Special Issue of Macromolecular Chemistry and Physics Dedicated to Prof. Adolfo Zambelli, on the Occasion of his 70th Birthday. Macromolecular Chemistry and Physics, 2004, 205, 283-283.	2.2	1
27	Structural Characterization of Syndiotactic Propyleneâ^'Styreneâ^'Ethylene Terpolymers. Macromolecules, 2003, 36, 7119-7125.	4.8	8
28	Regiochemistry of the Styrene Insertion with CH2-Bridgedansa-Zirconocene-Based Catalysts. Macromolecules, 2003, 36, 9340-9345.	4.8	32
29	Stereospecific Ethyleneâ^'Styrene Block Copolymerization withansa-Zirconocene-Based Catalystâ€. Macromolecules, 2002, 35, 4866-4870.	4.8	47
30	Branching Formation in the Ethylene Polymerization with Meso Ansa Metallocene-Based Catalysts. Macromolecules, 2002, 35, 9256-9261.	4.8	29
31	Formation of Quaternary Carbon Centers in Ethylene Polymerization with meso-Isopropylidenebis(1-indenyl)zirconium Dichloride Activated by MAO. Macromolecules, 2001, 34, 2-4.	4.8	22
32	Pseudo-Hexagonal Crystallinity in Ethene-Styrene Random Copolymers. Macromolecular Chemistry and Physics, 2001, 202, 382-387.	2.2	7
33	Enantioselectivity ofCs-andC2-Symmetricansa-Metallocene Catalysts in the Styrene Insertion. Macromolecules, 2000, 33, 7275-7282.	4.8	25
34	Selective Co-oligomerization of Ethylene and Styrenes by Half-Titanocene Catalysts and Synthesis of Polyethylenes with 4-Aryl-1-butyl Branches. Macromolecules, 2000, 33, 2807-2814.	4.8	47
35	Ethyleneâ€"Styrene Copolymerization. Rubber Chemistry and Technology, 1999, 72, 553-558.	1.2	28
36	Low molecular mass model compounds of alternating ethylene-styrene copolymers. Macromolecular Chemistry and Physics, 1999, 200, 1086-1088.	2.2	7

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37	Branched Polyethylene by Ethylene Homopolymerization withmeso-Zirconocene Catalyst. Macromolecules, 1999, 32, 6913-6916.	4.8	51
38	Crystal Structure of the Stereoregular Ethylene-alt-styrene Copolymer Synthesized with a Zirconocene-Based Catalyst. Macromolecules, 1999, 32, 2675-2678.	4.8	26
39	Ethylene as Catalyst Reactivator in the Propeneâ^'Styrene Copolymerization. Macromolecules, 1999, 32, 7329-7331.	4.8	38
40	Ethyleneâ^'Styrene Copolymers by ansa-Zirconocene- and half-Titanocene-Based Catalysts:â€‰ Composition, Stereoregularity, and Crystallinity. Macromolecules, 1998, 31, 4027-4029.	4.8	29
41	Zirconocene-Based Catalysts for the Ethyleneâ^'Styrene Copolymerization:Â Reactivity Ratios and Reaction Mechanism. Macromolecules, 1997, 30, 5616-5619.	4.8	37
42	13C-enriched end groups of poly(3,7-dimethyl-1-octene) prepared in the presence of isotactic specific catalysts. Macromolecular Rapid Communications, 1997, 18, 491-495.	3.9	1
43	13C-Enriched End Groups of Poly(3-methyl-1-pentene) Prepared in the Presence of Metallocene Catalysts. Macromolecules, 1996, 29, 6383-6385.	4.8	18
44	Syndiotactic-Specific Polymerization of Propene with Nickel-Based Catalysts. 2. Regiochemistry and Stereochemistry of the Initiation Steps. Macromolecules, 1996, 29, 6990-6993.	4.8	53
45	Copolymerization of ethylene and styrene with monocyclopentadienyltitanium trichloride/methylalumoxane catalyst. Macromolecular Chemistry and Physics, 1996, 197, 3115-3122.	2.2	54
46	Copolymerization of ethylene and styrene to a nearly-alternating crystalline copolymer. Macromolecular Rapid Communications, 1996, 17, 745-748.	3.9	57
47	A combined NMR and electron spin resonance investigation of the (C5(CH3)5)Ti(CH2C6H5)3/B(C6F5)3 catalytic system active in the syndiospecific styrene polymerization. Macromolecular Chemistry and Physics, 1995, 196, 1093-1100.	2.2	70
48	Correlation between microstructure and physical properties in styreneâ€“ethylene copolymers. Journal of Applied Polymer Science, 1995, 58, 1701-1706.	2.6	12
49	.eta.5-C5Me5TiMe3-B(C6F5)3: A true Ziegler-Natta catalyst for the syndiotactic-specific polymerization of styrene. Journal of the American Chemical Society, 1995, 117, 6593-6594.	13.7	124
50	Regiospecificity of Ethylene-Styrene Copolymerization with a Homogeneous Zirconocene Catalyst. Macromolecules, 1995, 28, 4665-4667.	4.8	81
51	Chain propagation rate constants for gas-phase polymerization of propene and 1-butene with Ziegler-Natta catalysts. Macromolecular Chemistry and Physics, 1994, 195, 211-216.	2.2	5
52	Zirconium catalysts for the syndiotactic polymerization of styrene. Macromolecular Rapid Communications, 1994, 15, 151-154.	3.9	32
53	Stereospecific polymerization of 1â€olefins and styrene in the presence of homogeneous catalysts. Makromolekulare Chemie Macromolecular Symposia, 1991, 48-49, 297-316.	0.6	48
54	Title is missing!. Die Makromolekulare Chemie, 1991, 192, 223-231.	1.1	147

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55	Some 13C NMR evidence on isotactic polymerization of styrene. Die Makromolekulare Chemie, 1990, 191, 237-242.	1.1	49
56	Copolymerization of styrene and ethylene in the presence of different syndiospecific catalysts. Die Makromolekulare Chemie, 1990, 191, 2387-2396.	1.1	120
57	Title is missing!. Die Makromolekulare Chemie Rapid Communications, 1990, 11, 519-524.	1.1	120
58	Isotactic-specific polymerization of propene with supported catalysts in the presence of different modifiers. Macromolecules, 1990, 23, 2904-2907.	4.8	76
59	Behaviour of homogenous catalysts for propene polymerization in methylene chloride. Die Makromolekulare Chemie, 1989, 190, 2357-2361.	1.1	46
60	Soluble catalysts for syndiotactic polymerization of styrene. Macromolecules, 1989, 22, 2129-2130.	4.8	146
61	Preliminary kinetic investigation on syndiotactic polymerization of styrene. Macromolecules, 1989, 22, 1642-1645.	4.8	32
62	Up/down ordering phenomena in crystalline isotactic polystyrene as a function of thermal treatment. European Polymer Journal, 1988, 24, 297-301.	5.4	7
63	Title is missing!. Die Makromolekulare Chemie, 1986, 187, 1175-1188.	1.1	9
64	Ethylene-propene copolymerization. Monomer reactivity and reaction mechanism. Macromolecules, 1985, 18, 1407-1409.	4.8	11
65	Title is missing!. Die Makromolekulare Chemie, 1984, 185, 2421-2428.	1.1	17
66	Macro-inorganics. Part 6. Protonation and complex formation of a new series of polymers whose repeating units behave independently. Journal of the Chemical Society Dalton Transactions, 1981, , 539.	1.1	17
67	Thermodynamics of protonation of polymeric bases whose repeating units behave independently. Journal of Polymer Science, Polymer Symposia, 1981, 69, 49-66.	0.1	18
68	Macro inorganics V. Basicity and complexing ability of a new class of poly(amido-amines) with tertiary amino groups present both in the main chain and as side substituent. Inorganica Chimica Acta, 1980, 41, 25-29.	2.4	15
69	Thermodynamic studies on the protonation and complex formation of new tertiary animo polymers in aqueous solution. Inorganica Chimica Acta, 1980, 40, X58-X59.	2.4	0
70	Macroinorganics IV: Thermodynamic functions relative to the protonation of a poly(amido-amine) with repeating unit containing 3 amino groups. Polymer, 1979, 20, 1298-1300.	3.8	16