

# Javier Martinez-Salazar

## List of Publications by Year in descending order

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134  
papers

3,192  
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156536

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137  
docs citations

137  
times ranked

2600  
citing authors

#	ARTICLE	IF	CITATIONS
1	A computer simulation of the effect of temperature on melt chain dimensions of random short chain branched polyethylene. <i>Polymer</i> , 2021, 225, 123772.	1.8	1
2	The Role of Key Amino Acids in the Antimicrobial Mechanism of a Bacteriocin Model Revealed by Molecular Simulations. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 6066-6078.	2.5	4
3	Organocatalyzed Polymerization of PET- <i>mb</i> -poly(oxyhexane) Copolymers and Their Self-Assembly into Double Crystalline Superstructures. <i>Macromolecules</i> , 2019, 52, 6834-6848.	2.2	15
4	Hydrodynamic and Electrophoretic Properties of Trastuzumab/HER2 Extracellular Domain Complexes as Revealed by Experimental Techniques and Computational Simulations. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1076.	1.8	5
5	Predicting experimental results for polyethylene by computer simulation. <i>European Polymer Journal</i> , 2018, 99, 298-331.	2.6	47
6	Competition between supernucleation and plasticization in the crystallization and rheological behavior of PCL/CNT-based nanocomposites and nanohybrids. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 1310-1325.	2.4	15
7	Mapping the Mechanical Properties of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) Banded Spherulites by Nanoindentation. <i>Polymers</i> , 2016, 8, 358.	2.0	6
8	New habits in branched polyethylene single crystals. <i>European Polymer Journal</i> , 2016, 80, 169-174.	2.6	5
9	A new insight into the conformation and melt dynamics of hydrogenated polybutadiene as revealed by computer simulations. <i>Soft Matter</i> , 2016, 12, 3929-3936.	1.2	8
10	Evidences of Changes in Surface Electrostatic Charge Distribution during Stabilization of HPV16 Virus-Like Particles. <i>PLoS ONE</i> , 2016, 11, e0149009.	1.1	5
11	The influence of short-chain branching on the morphology and structure of polyethylene single crystals. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015, 53, 1751-1762.	2.4	11
12	Molecular Dynamics Simulations for the Description of Experimental Molecular Conformation, Melt Dynamics, and Phase Transitions in Polyethylene. <i>Macromolecules</i> , 2015, 48, 5016-5027.	2.2	76
13	Study of the effect of the molecular architecture of the components on the melt rheological properties of polyethylene blends. <i>Journal of Polymer Research</i> , 2015, 22, 1.	1.2	5
14	Computer simulations of the early stages of crystal nucleation of linear and short chain branched polyethylene on carbon nanotubes. <i>European Polymer Journal</i> , 2014, 56, 194-204.	2.6	15
15	Strong influence of branching on the early stage of nucleation and crystal formation of fast cooled ultralong n-alkanes as revealed by computer simulation. <i>European Polymer Journal</i> , 2014, 50, 190-199.	2.6	22
16	Effect of short chain branching in molecular dimensions and Newtonian viscosity of ethylene/1-hexene copolymers: matching conformational and rheological experimental properties and atomistic simulations. <i>Rheologica Acta</i> , 2014, 53, 1-13.	1.1	17
17	Influence of Chain Branching and Molecular Weight on Melt Rheology and Crystallization of Polyethylene/Carbon Nanotube Nanocomposites. <i>Macromolecules</i> , 2014, 47, 5668-5681.	2.2	49
18	Exploring the dynamics and interaction of a full ErbB2 receptor and Trastuzumab-Fab antibody in a lipid bilayer model using Martini coarse-grained force field. <i>Journal of Computer-Aided Molecular Design</i> , 2014, 28, 1093-1107.	1.3	7

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19	3D-QSAR as a Tool for Understanding and Improving Single-Site Polymerization Catalysts. A Review. <i>Organometallics</i> , 2014, 33, 2944-2959.	1.1	56
20	Protein-Protein and Protein-Membrane Interactions Regarding the ErbB2/Trastuzumab-Fab Complexes. A Coarse-Grained Molecular Dynamics Description. <i>Biophysical Journal</i> , 2014, 106, 666a-667a.	0.2	1
21	Microstructure and properties of branched polyethylene: Application of a three-phase structural model. <i>Journal of Applied Polymer Science</i> , 2013, 128, 1871-1878.	1.3	12
22	Effect of high molar mass species on linear viscoelastic properties of polyethylene melts. <i>European Polymer Journal</i> , 2013, 49, 2748-2758.	2.6	8
23	Conformational flexibility of the ErbB2 ectodomain and trastuzumab antibody complex as revealed by molecular dynamics and principal component analysis. <i>Journal of Molecular Modeling</i> , 2013, 19, 1227-1236.	0.8	8
24	Simulation of homology models for the extracellular domains (ECD) of ErbB3, ErbB4 and the ErbB2-ErbB3 complex in their active conformations. <i>Journal of Molecular Modeling</i> , 2013, 19, 931-941.	0.8	8
25	Bacteriocin AS-48 binding to model membranes and pore formation as revealed by coarse-grained simulations. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 2524-2531.	1.4	37
26	Structural Insights on the Plant Salt-Overly-Sensitive 1 (SOS1) Na <sup>+</sup> /H <sup>+</sup> Antiporter. <i>Journal of Molecular Biology</i> , 2012, 424, 283-294.	2.0	49
27	Assessment of the Intrinsic Conformational Preferences of Dipeptide Amino Acids in Aqueous Solution by Combined Umbrella Sampling/MBAR Statistics. A Comparison with Experimental Results. <i>Journal of Physical Chemistry B</i> , 2012, 116, 469-475.	1.2	11
28	Following the Crystallization Process of Polyethylene Single Chain by Molecular Dynamics: The Role of Lateral Chain Defects. <i>Macromolecular Symposia</i> , 2012, 312, 97-107.	0.4	17
29	Polymerization Activity Prediction of Zirconocene Single-Site Catalysts Using 3D Quantitative Structure-Activity Relationship Modeling. <i>Organometallics</i> , 2012, 31, 1673-1679.	1.1	26
30	Assessment of entanglement features and dynamics from atomistic simulations and experiments in linear and short chain branched polyolefins. <i>Soft Matter</i> , 2012, 8, 6256.	1.2	17
31	A Curtin-Hammett mechanism for the copolymerization of ethylene and methyl acrylate monomer using a PymNox nickel catalyst as revealed by DFT computational studies. <i>Journal of Molecular Modeling</i> , 2012, 18, 515-523.	0.8	4
32	Effect of molecular weight distribution on Newtonian viscosity of linear polyethylene. <i>Rheologica Acta</i> , 2012, 51, 81-87.	1.1	23
33	Water-Mediated Conformations of the Alanine Dipeptide as Revealed by Distributed Umbrella Sampling Simulations, Quantum Mechanics Based Calculations, and Experimental Data. <i>Journal of Physical Chemistry B</i> , 2011, 115, 4880-4886.	1.2	33
34	Eliminating sharkskin distortion in polyethylene extrusion via a molecular route. <i>Journal of Rheology</i> , 2011, 55, 855-873.	1.3	11
35	Dissimilar interaction of CB1/CB2 with lipid bilayers as revealed by molecular dynamics simulation. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 3660-3668.	1.3	6
36	A three-phase microstructural model to explain the mechanical relaxations of branched polyethylene: a DSC, WAXD and DMTA combined study. <i>Colloid and Polymer Science</i> , 2011, 289, 257-268.	1.0	24

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37	Molecular architecture and linear viscoelasticity of homogeneous ethylene/styrene copolymers. <i>Rheologica Acta</i> , 2011, 50, 207-220.	1.1	7
38	Size and conformational features of ErbB2 and ErbB3 receptors: a TEM and DLS comparative study. <i>European Biophysics Journal</i> , 2011, 40, 835-842.	1.2	11
39	Computer modeling of the crystallization process of single-chain ethylene/hexene copolymers from dilute solutions. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2011, 49, 421-430.	2.4	21
40	Role of the interface in the melt rheology properties of linear low-density polyethylene/low-density polyethylene blends: Effect of the molecular architecture of the dispersed phase. <i>Journal of Applied Polymer Science</i> , 2011, 119, 3217-3226.	1.3	8
41	Density functional study for the polymerization of ethylene monomer using a new nickel catalyst. <i>Journal of Polymer Science Part A</i> , 2010, 48, 1160-1165.	2.5	8
42	The role of the interface in melt linear viscoelastic properties of LLDPE/LDPE blends: Effect of the molecular architecture of the matrix. <i>Journal of Applied Polymer Science</i> , 2009, 114, 420-429.	1.3	12
43	Rheology, Processing, Tensile Properties, and Crystallization of Polyethylene/Carbon Nanotube Nanocomposites. <i>Macromolecules</i> , 2009, 42, 4719-4727.	2.2	153
44	Theoretical Study on a Multicenter Model Based on Different Metal Oxidation States for the Bis(imino)pyridine Iron Catalysts in Ethylene Polymerization. <i>Organometallics</i> , 2009, 28, 5889-5895.	1.1	43
45	Viscoelasticity and macromolecular topology in single-site catalyzed polyethylene. <i>Journal of Materials Science</i> , 2008, 43, 1745-1748.	1.7	5
46	Structure and Physical Properties of Polyethylenes obtained from Dual Catalysis Process. <i>Polymer Bulletin</i> , 2008, 60, 331-342.	1.7	9
47	Entanglement network and relaxation temperature dependence of single-site catalyzed ethylene/hexene copolymers. <i>Journal of Applied Polymer Science</i> , 2008, 109, 1564-1569.	1.3	13
48	Highly active ethylene/hydroxyl comonomers copolymerization using metallocene catalysts. <i>Journal of Applied Polymer Science</i> , 2008, 109, 1529-1534.	1.3	10
49	Three-dimensional modelling of flow curves in co-rotating twin-screw extruder elements. <i>Journal of Materials Processing Technology</i> , 2008, 197, 221-224.	3.1	24
50	Estradiol supplementation during the luteal phase of IVF-ICSI patients: a randomized, controlled trial. <i>Fertility and Sterility</i> , 2008, 90, 2190-2195.	0.5	33
51	Entanglement Relaxation Time in Polyethylene: Simulation versus Experimental Data. <i>Macromolecules</i> , 2008, 41, 2959-2962.	2.2	46
52	On the Nature of the Active Site in bis(imino)Pyridyl Iron, a Catalyst for Olefin Polymerization. <i>Journal of Physical Chemistry C</i> , 2008, 112, 5023-5028.	1.5	34
53	Proposed Polymerization Termination Mechanism for 3-Indenyl ansa-Zirconocenes (R = Tj ETQq1 1 0.784314 rgBT /Overlock 7413-7415.	2.2	4
54	Molecular structure and properties of ethylene-co-styrene polymers obtained from [norbornene-bis(indenyl)]titanium dichloride catalyst system. <i>Journal of Applied Polymer Science</i> , 2007, 106, 1421-1430.	1.3	5

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55	QSAR model for ethylene polymerisation catalysed by supported bis(imino)pyridine iron complexes. <i>Polymer</i> , 2007, 48, 7672-7678.	1.8	30
56	The unit cell expansion of branched polyethylene as detected by Raman spectroscopy: an experimental and simulation approach. <i>Journal of Materials Science</i> , 2007, 42, 1046-1049.	1.7	23
57	3D-QSAR study of ansa-metallocene catalytic behavior in ethylene polymerization. <i>Polymer</i> , 2007, 48, 4663-4674.	1.8	30
58	meso-[Norbornane-7,7-bis(indenyl)]titanium Dichloride: A Highly Active Catalyst for Ethylene-Styrene Copolymerization. <i>Macromolecules</i> , 2006, 39, 7479-7482.	2.2	21
59	Isomeric effect of the Et(H4Ind)2Zr(CH3)2 catalyst on the copolymerization of ethylene and styrene: A computational study. <i>Journal of Polymer Science Part A</i> , 2006, 44, 4752-4761.	2.5	10
60	Melt flow index on high molecular weight polyethylene: A comparative study of experiments and simulation. <i>Journal of Materials Processing Technology</i> , 2006, 174, 171-177.	3.1	13
61	Viscoelastic behaviour during the crystallisation of isotactic polypropylene. <i>Journal of Materials Science</i> , 2006, 41, 3899-3905.	1.7	5
62	Rheological behaviour of LDPE/EVAc blends. II. Linear viscoelasticity and extrusion properties. <i>Journal of Materials Science</i> , 2006, 41, 4814-4822.	1.7	6
63	A QM/MM study of the ethylene and styrene insertion process into the ion pair [Me2Si(C5Me4)(NtBu)Ti(CH2CH2CH3)]+ [1/4-Me-Al(Me)2-Al(OMe)6Me]-. <i>Polymer</i> , 2006, 47, 883-896.	1.8	10
64	Synthesis and properties of ethylene/styrene copolymers produced by metallocene catalysts. <i>Journal of Applied Polymer Science</i> , 2006, 102, 3420-3429.	1.3	10
65	Processability of a metallocene-catalyzed linear PE improved by blending with a small amount of UHMWPE. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 2963-2971.	2.4	29
66	An experimental and computational evaluation of ethylene/styrene copolymerization with a homogeneous single-site titanium(IV)-constrained geometry catalyst. <i>Journal of Polymer Science Part A</i> , 2005, 43, 711-725.	2.5	28
67	Ethylene-styrene copolymerization with constrained geometry catalysts: A density functional study. <i>Journal of Chemical Physics</i> , 2005, 122, 074901.	1.2	17
68	Structure-Activity Relationship Study of the Metallocene Catalyst Activity in Ethylene Polymerization. <i>Organometallics</i> , 2005, 24, 5095-5102.	1.1	58
69	3D-QSAR analysis of metallocene-based catalysts used in ethylene polymerisation. <i>Polymer</i> , 2004, 45, 2061-2072.	1.8	55
70	Ethylene/styrene copolymerisation by homogeneous metallocene catalysts: experimental and molecular simulations using rac-ethylenebis(tetrahydroindenyl)MCl2 [M=Ti,Zr] systems. <i>Polymer</i> , 2004, 45, 9029-9038.	1.8	21
71	Elimination of Extrudate Distortions in Metallocene-Catalyzed Polyethylene. <i>Macromolecules</i> , 2004, 37, 681-683.	2.2	11
72	Title is missing!. <i>Journal of Materials Science</i> , 2003, 38, 4757-4764.	1.7	14

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73	Rheological features and molecular architecture of polyethylenes. <i>Polymer Bulletin</i> , 2003, 50, 197-204.	1.7	11
74	Copolymerization of ethylene and styrene by homogeneous metallocene catalysts. 1. Theoretical studies with rac-ethylenebis-(tetrahydroindenyl)MCl <sub>2</sub> [M=Ti, Zr] systems. <i>Polymer</i> , 2003, 44, 295-306.	1.8	21
75	Novel features of the rheological behaviour of metallocene catalysed atactic polypropylene. <i>Polymer</i> , 2003, 44, 1401-1407.	1.8	19
76	DFT study of hydrogenolysis as a chain transfer mechanism in olefin polymerisation catalysed by nickel-diimine-type catalysts. <i>Polymer</i> , 2003, 44, 2177-2186.	1.8	16
77	Computational studies of the Brookhart's type catalysts for ethylene polymerisation. Part 2: ethylene insertion and chain transfer mechanisms. <i>Polymer</i> , 2003, 44, 2169-2176.	1.8	20
78	Phase morphology and melt viscoelastic properties in blends of ethylene/vinyl acetate copolymer and metallocene-catalysed linear polyethylene. <i>Polymer</i> , 2003, 44, 2911-2918.	1.8	44
79	On the processability of metallocene-catalysed polyethylene: effects of blending with ethylene-vinyl acetate copolymer. <i>Polymer</i> , 2003, 44, 1589-1594.	1.8	17
80	Model linear metallocene-catalyzed polyolefins: Melt rheological behavior and molecular dynamics. <i>Journal of Rheology</i> , 2003, 47, 1505-1521.	1.3	21
81	Effect of long chain branching on linear-viscoelastic melt properties of polyolefins. <i>E-Polymers</i> , 2002, 2, .	1.3	24
82	A computational study of iron-based Gibson-Brookhart catalysts for the copolymerisation of ethylene and 1-hexene. <i>Polymer</i> , 2002, 43, 3635-3645.	1.8	28
83	A theoretical study of ethylene-styrene copolymerization by using half-sandwich Cp-based titanium catalysts. <i>Polymer</i> , 2002, 43, 7017-7026.	1.8	27
84	Title is missing!. <i>Journal of Materials Science</i> , 2002, 37, 3415-3421.	1.7	10
85	Ab initio study of ethylene insertion into M-C bonds of alkylamidinate complexes of group IV ( $\{R^2NCRNR^2\} 2 MCH_3 +$ , M=Zr, Ti, R=H, Ph and $R^2=H$ , SiMe <sub>3</sub> ). <i>Polymer</i> , 2001, 42, 7275-7284.	1.8	7
86	Rheological behaviour of LDPE/EVA-c blends. I. On the effect of vinyl acetate comonomer in EVA copolymers. <i>Polymer</i> , 2001, 42, 8093-8101.	1.8	25
87	Computational studies of the Brookhart's type catalysts for ethylene polymerization. 1. Effect of the active site conformations on the catalyst activities. <i>Polymer</i> , 2001, 42, 8019-8023.	1.8	12
88	New aspects on the rheological behaviour of metallocene catalysed polyethylenes. <i>Polymer</i> , 2001, 42, 9713-9721.	1.8	56
89	Effect of a second ethylene molecule on the insertion of ethylene in zirconocene catalyst systems: A QM semiempirical study. <i>Journal of Polymer Science Part A</i> , 2000, 38, 571-582.	2.5	23
90	Preparation and properties of terpolymers of ethylene, vinyl acetate and vinyl alcohol. <i>Macromolecular Chemistry and Physics</i> , 2000, 201, 1323-1328.	1.1	10

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91	Ab initio study of hydrogenolysis as a chain transfer mechanism in olefin polymerization catalyzed by metallocenes. <i>Polymer</i> , 2000, 41, 6161-6169.	1.8	22
92	The fine structure of metallocene-based linear polyethylenes: Part 1. A model grounded on molecular mobility. <i>Polymer</i> , 1999, 40, 4345-4352.	1.8	2
93	A theoretical study of the comonomer effect in the ethylene polymerization with zirconocene catalytic systems. <i>Journal of Polymer Science Part A</i> , 1998, 36, 1157-1167.	2.5	36
94	Effect of crystallization temperature on the cocrystallization of hydroxybutyrate/hydroxyvalerate copolymers. <i>Polymer</i> , 1997, 38, 913-919.	1.8	47
95	Crystallization kinetics and morphology of poly(propylene-stat-ethylene) fractions. <i>Polymer</i> , 1997, 38, 361-369.	1.8	55
96	Crystal structure and morphology of melt-crystallized poly(propylene-stat-ethylene) fractions. <i>Polymer</i> , 1997, 38, 371-377.	1.8	38
97	Fracture of binary blends of linear and branched polyethylene. <i>Polymer</i> , 1996, 37, 5123-5129.	1.8	13
98	On the melting behaviour of polymer single crystals in a mixture with a compatible oligomer: 2. Polyethylene/paraffin. <i>Polymer</i> , 1996, 37, 2367-2371.	1.8	6
99	Ab initio calculation of ethylene insertion in zirconocene catalyst systems: A comparative study between bridged and unbridged complexes. <i>Polymer</i> , 1996, 37, 1663-1667.	1.8	27
100	On the melting behaviour of polymer single crystals in a mixture with a compatible polymer: 1. Poly(vinylidene fluoride)/poly(methyl methacrylate) blends. <i>Polymer</i> , 1995, 36, 981-985.	1.8	20
101	Study of structural changes of tellurium thin films on polymer substrates by electrical measurements and transmission electron microscopy. <i>Thin Solid Films</i> , 1994, 245, 272-276.	0.8	4
102	Structural assessment of liquid-crystalline side-chain poly(vinyl ether)s: dependence on terminal group, orientation and temperature. <i>Polymer</i> , 1994, 35, 4041-4047.	1.8	9
103	Phase separation studies on poly(vinylidene fluoride) and poly(methyl methacrylate) quenched blends. <i>Macromolecular Symposia</i> , 1994, 78, 95-104.	0.4	8
104	On the Fine Structure of Shish-Kebabs in Injection Moulded Polyethylene. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 1993, 21, 111-121.	1.8	16
105	On phase separation in high- and low-density polyethylene blends: 1. Melting-point depression analysis. <i>Polymer</i> , 1991, 32, 2984-2988.	1.8	38
106	On phase separation in high- and low-density polyethylene blends: 2. A working model. <i>Polymer</i> , 1991, 32, 2989-2991.	1.8	19
107	Conductive polyethylene-carbon black composites by elongational-flow injection molding Part 3. Study of the structure and morphology. <i>Colloid and Polymer Science</i> , 1989, 267, 409-413.	1.0	13
108	Physical ageing and glass transition in amorphous polymers as revealed by microhardness. <i>Journal of Materials Science</i> , 1989, 24, 2934-2938.	1.7	77

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109	Thermal expansion and spherulite cracking in 3-hydroxybutyrate/3-hydroxyvalerate copolymers. <i>Journal of Materials Science Letters</i> , 1989, 8, 490-492.	0.5	57
110	Phase changes in isotactic polypropylene measured by microhardness. <i>Journal of Materials Science Letters</i> , 1988, 7, 165-166.	0.5	39
111	Temperature dependence of microhardness in the 70/30 polyvinylidene fluoride-trifluoroethylene copolymer: New structural aspects of the curie transition. <i>Colloid and Polymer Science</i> , 1988, 266, 41-45.	1.0	12
112	Microstructural changes in polyethylene-polypropylene blends as revealed by microhardness. <i>Journal of Materials Science</i> , 1988, 23, 862-866.	1.7	44
113	Conductive PE-carbon composites by elongation flow injection moulding. <i>Journal of Materials Science</i> , 1988, 23, 475-480.	1.7	28
114	Conducting injection moulded carbon black filled polyethylene. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1988, 20-21, 597-600.	0.6	2
115	Equilibrium and non-equilibrium melting of branched polyethylene relating to defect incorporation within crystals. <i>Colloid and Polymer Science</i> , 1987, 265, 239-245.	1.0	30
116	X-Ray diffraction study of lattice distortions in branched polyethylene rapidly quenched from the melt. <i>Polymer Bulletin</i> , 1987, 17, 23-30.	1.7	10
117	Percolation threshold of conductive polycarbonate/carbon composites as revealed by electron microscopy. <i>Journal of Materials Science Letters</i> , 1986, 5, 1065-1066.	0.5	37
118	The identification of the initial lamellar thickness of polyethylene crystals grown from the melt using synchrotron X-radiation. <i>Journal of Materials Science</i> , 1985, 20, 1616-1624.	1.7	37
119	The supercooling dependence of the initial fold length of polyethylene crystallized from the melt: unification of melt and solution crystallization. <i>Journal of Materials Science</i> , 1985, 20, 1625-1630.	1.7	98
120	Mechanical model on polyethylene blends as revealed by microhardness. <i>Journal of Materials Science Letters</i> , 1985, 4, 324-326.	0.5	16
121	Annealing effects in lamellar linear polyethylene as revealed by microhardness. <i>Journal of Materials Science</i> , 1985, 20, 834-838.	1.7	23
122	A study of diffractometer line shapes in melt crystallized polyethylene. <i>Colloid and Polymer Science</i> , 1984, 262, 361-365.	1.0	5
123	Studies on polyethylene crystallized at unusually high supercoolings: Fold length, habit, growth rate, epitaxy. <i>Journal of Polymer Science, Polymer Physics Edition</i> , 1984, 22, 1085-1096.	1.0	21
124	Transmission electron microscopy of polyamides. <i>Journal of Materials Science Letters</i> , 1984, 3, 693-694.	0.5	26
125	Lamellar structure in melt crystallized low density polyethylene. <i>Polymer Bulletin</i> , 1984, 12, 269.	1.7	11
126	Lamellar structure in melt crystallized low density polyethylene. <i>Colloid and Polymer Science</i> , 1983, 261, 412-416.	1.0	36



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127	Influence of chlorosulfonation on the surface mechanical properties of lamellar polyethylene. Polymer Bulletin, 1983, 10, 553-557.	1.7	13
128	Correlation of hardness and microstructure in unoriented lamellar polyethylene. Journal of Materials Science, 1983, 18, 1077-1082.	1.7	41
129	A new look at the crystallization of polyethylene. II. Crystallization from the melt at low supercoolings. Journal of Polymer Science, Polymer Physics Edition, 1982, 20, 1717-1732.	1.0	57
130	A new look at the crystallization of polyethylene. I. The initial fold length of melt-crystallized material. Journal of Polymer Science, Polymer Letters Edition, 1981, 19, 539-547.	0.4	38
131	On the inclusion of chain defects in the polyethylene lattice a statistical approach. Polymer Bulletin, 1980, 2, 163-167.	1.7	27
132	Long periods in melt crystallized polyethylene two coexisting structures?. Polymer Bulletin, 1980, 3-3, 7-12.	1.7	7
133	Influence of chain defects on the crystallization of polyethylene with reference to crystal size and perfection. Journal of Crystal Growth, 1980, 48, 283-294.	0.7	70
134	Distribution of chain defects and microstructure of melt crystallized polyethylene. Polymer, 1978, 19, 1094-1099.	1.8	64