# Bernard Lotz

List of Publications by Year
in descending order



| 212 | 16,336 | 13332 | 20023 |
|---|---|---|---|
| papers | citations | 70 h-index | 121 g-index |

| 215 | 215 | 215 | 7867 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
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| 1 | Structure and morphology of poly(propylenes): a molecular analysis. Polymer, 1996, 37, 4979-4992. | 1.8 | 564 |
| 2 | Self-nucleation and recrystallization of isotactic polypropylene (Î± phase) investigated by differential scanning calorimetry. Journal of Polymer Science, Part B: Polymer Physics, 1993, 31, 1383-1393. | 2.4 | 547 |
| 3 | Epitaxial crystallization and crystalline polymorphism of polylactides. Polymer, 2000, 41, 8909-8919. | 1.8 | 488 |
| 4 | Epitaxial crystallization of polymers on organic and polymeric substrates. Progress in Polymer Science, 1990, 15, 909-948. | 11.8 | 441 |
| 5 | Crystallization Temperature-Dependent Crystal Orientations within Nanoscale Confined Lamellae of a Self-Assembled Crystallineâ^'Amorphous Diblock Copolymer. Journal of the American Chemical Society, 2000, 122, 5957-5967. | 6.6 | 387 |
| 6 | A critical assessment of unbalanced surface stresses as the mechanical origin of twisting and scrolling of polymer crystals. Polymer, 2005, 46, 577-610. | 1.8 | 373 |
| 7 | Microdomain patterns from directional eutectic solidification and epitaxy. Nature, 2000, 405, 433-437. | 13.7 | 363 |
| 8 | Self-nucleation and enhanced nucleation of polymers. Definition of a convenient calorimetric â€œefficiency scaleâ€•and evaluation of nucleating additives in isotactic polypropylene (Î± phase). Journal of Polymer Science, Part B: Polymer Physics, 1993, 31, 1395-1405. | 2.4 | 327 |
| 9 | The molecular origin of lamellar branching in the Î± (monoclinic) form of isotactic polypropylene. Journal of Polymer Science, Part B: Polymer Physics, 1986, 24, 1541-1558. | 2.4 | 295 |
| 10 | The frustrated structure of poly( l -lactide). Polymer, 2000, 41, 8921-8930. | 1.8 | 287 |
| 11 | Phase structures and morphologies determined by self-organization, vitrification, and crystallization: confined crystallization in an ordered lamellar phase of PEO-b-PS diblock copolymer. Polymer, 2001, 42, 5829-5839. | 1.8 | 268 |
| 12 | Polymer decoration: The orientation of polymer folds as revealed by the crystallization of polymer vapors. Journal of Polymer Science, Polymer Physics Edition, 1985, 23, 205-226. | 1.0 | 264 |
| 13 | Crystal structure and morphology of syndiotactic polypropylene single crystals. Macromolecules, 1988, 21, 2375-2382. | 2.2 | 259 |
| 14 | Epitaxial Crystallization and AFM Investigation of a Frustrated Polymer Structure:Â Isotactic Poly(propylene), Î² Phase. Macromolecules, 1998, 31, 807-814. | 2.2 | 246 |
| 15 | Triangular Polymer Single Crystals:â€‰ Stereocomplexes, Twins, and Frustrated Structures. Macromolecules, 1997, 30, 6313-6322. | 2.2 | 242 |
| 16 | The chemical structure and the crystalline structures of Bombyx mori silk fibroin. Biochimie, 1979, 61, 205-214. | 1.3 | 223 |
| 17 | Structure and defects in fully syndiotactic polypropylene. Macromolecules, 1993, 26, 3494-3503. | 2.2 | 210 |
| 18 | Properties of copolymers composed of one poly-ethylene-oxide and one polystyrene block. Kolloid-Zeit & Zeit Fuer Polymers, 1966, 209, 115-128. | 0.7 | 206 |

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| 19 | Î± and Î² phases of isotactic polypropylene: a case of growth kinetics `phase reentrency' in polymer crystallization. Polymer, 1998, 39, 4561-4567. | 1.8 | 200 |
| 20 | Epitaxial crystallization of polyethylene on organic substrates: A reappraisal of the mode of action of selected nucleating agents. Journal of Polymer Science, Polymer Physics Edition, 1981, 19, 1837-1851. | 1.0 | 195 |
| 21 | Crystal Structure of the Î±-Form of Poly(l-lactide). Macromolecules, 2001, 34, 4795-4801. | 2.2 | 191 |
| 22 | Hard and soft confinement effects on polymer crystallization in microphase separated cylinder-forming PEO-b-PS/PS blends. Polymer, 2001, 42, 9121-9131. | 1.8 | 179 |
| 23 | Epitaxial crystallization of polymers onto benzoic acid: Polyethylene and paraffins, aliphatic polyesters, and polyamides. Journal of Polymer Science, Polymer Physics Edition, 1983, 21, 2495-2509. | 1.0 | 165 |
| 24 | Crystal morphology of the Î³ (triclinic) phase of isotactic polypropylene and its relation to the Î± phase. Journal of Polymer Science, Part B: Polymer Physics, 1986, 24, 2017-2032. | 2.4 | 163 |
| 25 | Temperature dependence of structure and morphology of syndiotactic polypropylene and epitaxial relationships with isotactic polypropylene. Macromolecules, 1991, 24, 552-560. | 2.2 | 161 |
| 26 | Crystal Orientation Changes in Two-Dimensionally Confined Nanocylinders in a Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 | 2.2 | 160 |
| 27 | Self-nucleation and recrystallization of polymers. Isotactic polypropylene, Î² phase: Î²-Î± conversion and Î²-Î± growth transitions. Journal of Polymer Science, Part B: Polymer Physics, 1993, 31, 1407-1424. | 2.4 | 159 |
| 28 | Onsets of Tethered Chain Overcrowding and Highly Stretched Brush Regime via Crystallineâ^'Amorphous Diblock Copolymers. Macromolecules, 2006, 39, 641-650. | 2.2 | 159 |
| 29 | Single crystals of Î³ phase isotactic polypropylene: combined diffraction and morphological support for a structure with non-parallel chains. Polymer, 1991, 32, 2902-2910. | 1.8 | 158 |
| 30 | 50th Anniversary Perspective: Polymer Crystals and Crystallization: Personal Journeys in a Challenging Research Field. Macromolecules, 2017, 50, 5995-6025. | 2.2 | 155 |
| 31 | Initial-Stage Growth Controlled Crystal Orientations in Nanoconfined Lamellae of a Self-Assembled Crystallineâ^'Amorphous Diblock Copolymer. Macromolecules, 2001, 34, 1244-1251. | 2.2 | 152 |
| 32 | Breaking Symmetry toward Nonspherical Janus Particles Based on Polyhedral Oligomeric Silsesquioxanes: Molecular Design, â€œClickâ€•Synthesis, and Hierarchical Structure. Journal of the American Chemical Society, 2011, 133, 10712-10715. | 6.6 | 148 |
| 33 | Interchain packing and unit cell of syndiotactic polypropylene. Polymer, 1990, 31, 2253-2259. | 1.8 | 147 |
| 34 | Crystal structure of poly(l-Ala-Gly)II. Journal of Molecular Biology, 1971, 61, 201-215. | 2.0 | 143 |
| 35 | Specificity and versatility of nucleating agents toward isotactic polypropylene crystal phases. Journal of Polymer Science, Part B: Polymer Physics, 2002, 40, 2504-2515. | 2.4 | 136 |
| 36 | Asymmetries of habit in polyethylene crystals grown from the melt. Macromolecules, 1989, 22, 2230-2238. | 2.2 | 133 |

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| 37 | Confinement Size Effect on Crystal Orientation Changes of Poly(ethylene oxide) Blocks in Poly(ethylene oxide)-b-polystyrene Diblock Copolymers. Macromolecules, 2004, 37, 3689-3698. | 2.2 | 130 |
| 38 | Enthalpic and entropic origins of nucleation barriers during polymer crystallization: the Hoffmanâ€“Lauritzen theory and beyond. Polymer, 2005, 46, 8662-8681. | 1.8 | 126 |
| 39 | Isotactic polypropylene, Î²-phase: a study in frustration. Polymer, 1998, 39, 6331-6337. | 1.8 | 124 |
| 40 | Efficiency scale for polymer nucleating agents. Journal of Thermal Analysis, 1994, 42, 721-731. | 0.7 | 123 |
| 41 | â€œChemically Shieldedâ€•Poly(ethylene oxide) Single Crystal Growth and Construction of Channel-Wire Arrays with Chemical and Geometric Recognitions on a Submicrometer Scale. Macromolecules, 2004, 37, 5292-5299. | 2.2 | 122 |
| 42 | The Î±â€˜â€˜ â€œSuperstructureâ€•of Syndiotactic Polystyrene:â€‰ A Frustrated Structure. Macromolecules, 1998, 31, 3303-3310. | 2.2 | 120 |
| 43 | Two-Dimensional Nanocrystals of Molecular Janus Particles. Journal of the American Chemical Society, 2014, 136, 10691-10699. | 6.6 | 117 |
| 44 | Epitaxial crystallization and crystalline polymorphism of poly(1-butene): form I. Polymer, 1994, 35, 916-924. | 1.8 | 110 |
| 45 | Liquid-liquid phase separation and crystallization in binary polymer systems. Polymer, 1987, 28, 193-200. | 1.8 | 108 |
| 46 | Crystalline Polymers in Nanoscale 1D Spatial Confinement. Macromolecules, 2006, 39, 5782-5788. | 2.2 | 107 |
| 47 | Structural relationships in blends of isotactic polypropylene and polymers with aliphatic sequences. Journal of Polymer Science, Part B: Polymer Physics, 1986, 24, 1559-1575. | 2.4 | 106 |
| 48 | Ordered Ferroelectric PVDFâ^’TrFE Thin Films by High Throughput Epitaxy for Nonvolatile Polymer Memory. Macromolecules, 2008, 41, 8648-8654. | 2.2 | 105 |
| 49 | A family of double helices of alternating poly(Î³-benzyl-d-l-glutamate), a stereochemical model for gramicidin A. Journal of Molecular Biology, 1976, 106, 915-942. | 2.0 | 104 |
| 50 | Contact faces of epitaxially crystallized .alpha.- and .gamma.-phase isotactic polypropylene observed by atomic force microscopy. Macromolecules, 1993, 26, 5915-5923. | 2.2 | 101 |
| 51 | Double Twist in Helical Polymer â€œSoftâ€•Crystals. Physical Review Letters, 1999, 83, 4558-4561. | 2.9 | 95 |
| 52 | A New Îµ Crystal Modification Found in Stereodefective Isotactic Polypropylene Samples. Macromolecules, 2014, 47, 7612-7624. | 2.2 | 93 |
| 53 | Epitaxial crystallization and crystalline polymorphism of poly(1-butene): forms III and II. Polymer, 1994, 35, 908-915. | 1.8 | 92 |
| 54 | Molecular Orientations in Flat-Elongated and Helical Lamellar Crystals of a Main-Chain Nonracemic Chiral Polyester. Journal of the American Chemical Society, 2000, 122, 72-79. | 6.6 | 91 |

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| 55 | Nanotailored Crystalline Morphology in Hexagonally Perforated Layers of a Self-Assembled PS-b-PEO Diblock Copolymer. Macromolecules, 2002, 35, 3553-3562. | 2.2 | 90 |
| 56 | Epitaxial Nucleation of Poly(ethylene terephthalate) by Talc:Â Structure at the Lattice and Lamellar Scales. Macromolecules, 2003, 36, 4452-4456. | 2.2 | 90 |
| 57 | Chirality Constraints in Crystalâ^'Crystal Transformations:Â Isotactic Poly(1-butene) versus Syndiotactic Polypropylene. Macromolecules, 1998, 31, 9253-9257. | 2.2 | 89 |
| 58 | Control of Molecular and Microdomain Orientation in a Semicrystalline Block Copolymer Thin Film by Epitaxy. Macromolecules, 2000, 33, 4871-4876. | 2.2 | 88 |
| 59 | Twisted single crystals of Bombyx mori silk fibroin and related model polypeptides with Î² structure. Journal of Molecular Biology, 1982, 156, 345-357. | 2.0 | 87 |
| 60 | Comparison of poly(ethylene oxide) crystal orientations and crystallization behaviors in nano-confined cylinders constructed by a poly(ethylene oxide)-b-polystyrene diblock copolymer and a blend of poly(ethylene oxide)-b-polystyrene and polystyrene. Polymer, 2006, 47, 5457-5466. | 1.8 | 87 |
| 61 | Crystal structure of polyglycine I. Journal of Molecular Biology, 1974, 87, 169-180. | 2.0 | 84 |
| 62 | Morphology and Thermal Properties of Fully Syndiotactic Polypropylene. Macromolecules, 1994, 27, 6603-6611. | 2.2 | 84 |
| 63 | Left or Right, It Is a Matter of One Methylene Unit. Journal of the American Chemical Society, 2001, 123, 2462-2463. | 6.6 | 83 |
| 64 | Solution Crystallization Behavior of Crystallineâ^'Crystalline Diblock Copolymers of Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 2.2 | 83 |
| 65 | Manipulation of Self-Assembled Nanostructure Dimensions in Molecular Janus Particles. ACS Nano, 2016, 10, 6585-6596. | 7.3 | 79 |
| 66 | Crystallization-Induced Orientation for Microstructures of Poly(l-lactide)-b-poly(Îµ-caprolactone) Diblock Copolymers. Macromolecules, 2003, 36, 9085-9092. | 2.2 | 76 |
| 67 | Toward Controlled Hierarchical Heterogeneities in Giant Molecules with Precisely Arranged Nano Building Blocks. ACS Central Science, 2016, 2, 48-54. | 5.3 | 76 |
| 68 | Epitaxial crystallization of aliphatic polyesters on trioxane and various aromatic hydrocarbons. Journal of Polymer Science, Polymer Physics Edition, 1981, 19, 1853-1864. | 1.0 | 73 |
| 69 | â€œMultipleâ€•nucleation of the (010) contact face of isotactic polypropylene, Î± phase. Polymer, 2000, 41, 7241-7253. | 1.8 | 73 |
| 70 | A Structure of Copolymers of Propene and Hexene Isomorphous to Isotactic Poly(1-butene) Form I. Macromolecules, 2006, 39, 5777-5781. | 2.2 | 72 |
| 71 | The morphology of the spherulitic surface in polyethylene. Journal of Polymer Science, Part B: Polymer Physics, 1989, 27, 561-579. | 2.4 | 70 |
| 72 | Crystallization, Melting and Morphology of Syndiotactic Polypropylene Fractions. 4. In Situ Lamellar Single Crystal Growth and Melting in Different Sectors. Macromolecules, 2000, 33, 6861-6868. | 2.2 | 69 |

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| 73 | Epitaxial crystallization of monoclinic and orthorhombic polyethylene phases. Polymer, 1989, 30, 27-34. | 1.8 | 68 |
| 74 | Direct Observation of Right and Left Helical Hands of Syndiotactic Polypropylene by Atomic Force Microscopy. Macromolecules, 1994, 27, 6948-6955. | 2.2 | 68 |
| 75 | A novel epitaxy of isotactic polypropylene (Î± phase) on PTFE and organic substrates. Polymer, 2000, 41, 2613-2625. | 1.8 | 68 |
| 76 | Spherulite Morphology of Form III Isotactic Poly(1-butene). Macromolecules, 2003, 36, 286-290. | 2.2 | 67 |
| 77 | Hierarchical structure and polymorphism of a sphere-cubic shape amphiphile based on a polyhedral oligomeric silsesquioxaneâ€“[60]fullerene conjugate. Journal of Materials Chemistry, 2011, 21, 14240. | 6.7 | 67 |
| 78 | Crystal Orientation Change and Its Origin in One-Dimensional Nanoconfinement Constructed by Polystyrene-block-poly(ethylene oxide) Single Crystal Mats. Macromolecules, 2008, 41, 8114-8123. | 2.2 | 65 |
| 79 | Thermodynamic aspects and morphology of physical gels from isotactic polystyrene. Macromolecules, 1985, 18, 420-427. | 2.2 | 63 |
| 80 | Dislocation-Controlled Perforated Layer Phase in a PEO- b-PS Diblock Copolymer. Physical Review Letters, 2001, 86, 6030-6033. | 2.9 | 63 |
| 81 | Multiple twinning in polyethylene oxide single crystals-a scheme for the formation of growth twins from self-seeding nuclei. Journal of Macromolecular Science - Physics, 1969, 3, 385-425. | 0.4 | 61 |
| 82 | Poly(ethylene oxide) Crystallization within a One-Dimensional Defect-Free Confinement on the Nanoscale. Macromolecules, 2008, 41, 4794-4801. | 2.2 | 59 |
| 83 | â€œPlastic Deformationâ€•Mechanism and Phase Transformation in a Shear-Induced Metastable Hexagonally Perforated Layer Phase of a Polystyrene-b-poly(ethylene oxide) Diblock Copolymer. Macromolecules, 2003, 36, 3180-3188. | 2.2 | 58 |
| 84 | Submicrometer Scroll/Tubular Lamellar Crystals of Nylon 6,6. Advanced Materials, 2004, 16, 600-605. | 11.1 | 58 |
| 85 | Temperature Dependence of Crystal Growth Rate for Î± and Î² Forms of Isotactic Polypropylene. Polymer Journal, 2008, 40, 915-922. | 1.3 | 58 |
| 86 | Poly(ethylene oxide) Crystal Orientation Change under 1D Nanoscale Confinement using Polystyrene-block-poly(ethylene oxide) Copolymers: Confined Dimension and Reduced Tethering Density Effects. Macromolecules, 2009, 42, 8343-8352. | 2.2 | 57 |
| 87 | Double-Twisted Helical Lamellar Crystals in a Synthetic Main-Chain Chiral Polyester Similar to Biological Polymers. Macromolecules, 1999, 32, 524-527. | 2.2 | 56 |
| 88 | Self-nucleation and enhanced nucleation of polyvinylidene fluoride (Î±-phase). Polymer, 2001, 42, 8787-8798. | 1.8 | 56 |
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| 91 | Atomic force microscopy on epitaxially crystallized isotactic polypropylene. Polymer Bulletin, 1991, 26, 209-214. | 1.7 | 54 |
| 92 | Nanoconfined Polymer Crystallization in the Hexagonally Perforated Layers of a Self-Assembled PS-b-PEO Diblock Copolymer. Advanced Materials, 2002, 14, 31-34. | 11.1 | 53 |
| 93 | Impact of nucleating agents of PVDF on the crystallization of PVDF/PMMA blends. Polymer, 2001, 42, 8799-8806. | 1.8 | 52 |
| 94 | Helical Structures of Poly(D-L-peptides). A Conformational Energy Analysis. Macromolecules, 1977, 10, 1284-1288. | 2.2 | 51 |
| 95 | Title is missing!. Die Makromolekulare Chemie Rapid Communications, 1982, 3, 733-738. | 1.1 | 50 |
| 96 | Molecular and Crystalline Microstructure of Ferroelectric Poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (fluoride-co Au Substrates. Macromolecules, 2008, 41, 109-119. | 2.2 | 50 |
| 97 | The pre-melt phase of n-alkanes: Crystallographic evidence for a kinked chain structure. Proceedings of the National Academy of Sciences of the United States of America, 1984, 81, 1913-1917. | 3.3 | 49 |
| 98 | Shear-Induced Ordering of Ferroelectric Crystals in Spin-Coated Thin Poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (fluor | 2.2 | 49 |
| 99 | Direct determination of polymer crystal structures by electron crystallography â€“ isotactic poly(1-butene), form (III). Acta Crystallographica Section B: Structural Science, 1994, 50, 201-208. | 1.8 | 48 |
| 100 | Early-Stage Formation of Helical Single Crystals and Their Confined Growth in Thin Film. Macromolecules, 2001, 34, 3634-3641. | 2.2 | 48 |
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| 102 | Organogelators and Polymer Crystallisation. Macromolecular Symposia, 2006, 241, 103-110. | 0.4 | 47 |
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| 104 | Î±DL and Ï€DL Helices of alternating poly-Î³-benzyl-d-l-glutamate. Journal of Molecular Biology, 1975, 92, 1-13. | 2.0 | 45 |
| 105 | Epitaxy of isotactic poly(1-butene): new substrates, impact and attempt at recognition of helix orientation in form Iâ€² by AFM. Polymer, 2001, 42, 7033-7047. | 1.8 | 44 |
| 106 | Supramolecular Structure of Î²-Cyclodextrin and Poly(ethylene oxide)-block-poly(propylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 2.2 | 44 |
| 107 | Molecular and Microdomain Orientation in Semicrystalline Block Copolymer Thin Films by Directional Crystallization of the Solvent and Epitaxy. Macromolecular Chemistry and Physics, 2003, 204, 1514-1523. | 1.1 | 43 |
| 108 | A Supramolecular â€œDoubleâ€Cableâ€•Structure with a 129<sub>44</sub> Helix in a Columnar Porphyrinâ€C<sub>60</sub> Dyad and its Application in Polymer Solar Cells. Advanced Energy Materials, 2012, 2, 1375-1382. | 10.2 | 43 |

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| 110 | Alteration of Classical Microdomain Patterns of Block Copolymers by Degenerate Epitaxy. Advanced Materials, 2001, 13, 724-728. | 11.1 | 42 |
| 111 | Synthesis and Characterization of Sequence-Controlled Semicrystalline Comb Copolymers: Influence of Primary Structure on Materials Properties. Macromolecules, 2014, 47, 1570-1577. | 2.2 | 41 |
| 112 | The crystal structures of poly(lAla-Gly-Gly-Gly)II and poly(lAla-Gly-Gly)II. Journal of Molecular Biology, 1971, 61, 195-200. | 2.0 | 40 |
| 113 | Î² Structure of periodic copolypeptides of l-alanine and glycine. Journal of Molecular Biology, 1974, 87, 193-203. | 2.0 | 40 |
| 114 | Heteroepitaxy of Syndiotactic Polypropylene with Polyethylene and Homoepitaxy. Macromolecules, 1994, 27, 6956-6962. | 2.2 | 40 |
| 115 | Polymer decoration study in chain folding behavior of solution-grown poly(ethylene oxide) crystals. Journal of Polymer Science, Part B: Polymer Physics, 1995, 33, 1851-1855. | 2.4 | 40 |
| 116 | MOLECULAR ASPECTS OF STRUCTURE AND MORPHOLOGY OF ISOTACTIC POLYPROPYLENE. Journal of Macromolecular Science - Physics, 2002, 41, 685-709. | 0.4 | 40 |
| 117 | The Ï„ -effective paradox revisited: an extended analysis of Kovacsâ€™ volume recovery data on poly(vinyl) Tj ETQq1 1 0.784314 rgBT /C | 1.8 | 39 |
| 118 | Frustration and Frustrated Crystal Structures of Polymers and Biopolymers. Macromolecules, 2012, 45, 2175-2189. | 2.2 | 39 |
| 119 | Kinetically Controlled Self-Assembled Superstructures from Semicrystalline Chiral Block Copolymers. Macromolecules, 2010, 43, 7752-7758. | 2.2 | 37 |
| 120 | Handedness of Twisted Lamella in Banded Spherulite of Chiral Polylactides and Their Blends. Macromolecules, 2017, 50, 5466-5475. | 2.2 | 37 |
| 121 | Poly(ethylene oxide) Crystal Orientation Changes in an Inverse Hexagonal Cylindrical Phase Morphology Constructed by a Poly(ethylene oxide)-block-polystyrene Diblock Copolymer. Macromolecules, 2007, 40, 526-534. | 2.2 | 36 |
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| 123 | Crystallization of Syndiotactic Polystyrene in Î²-Form. 4. Crystal Structure of Melt-Grown Modification. Macromolecules, 1999, 32, 4905-4911. | 2.2 | 35 |
| 124 | Structure of polyglycine I: A comparison of the antiparallel pleated and antiparallel rippled sheets. Journal of Molecular Biology, 1974, 87, 181-191. | 2.0 | 34 |
| 125 | Exactly Defined Half-Stemmed Polymer Lamellar Crystals with Precisely Controlled Defectsâ€™ Locations. Journal of Physical Chemistry Letters, 2013, 4, 2356-2360. | 2.1 | 34 |
| 126 | Structural characterisation of single crystals and thin films of Î±,Ï‰-dihexylquaterthiophene. Journal of Materials Chemistry, 2005, 15, 2444. | 6.7 | 33 |

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| 128 | Spectroscopic Evidence for a Substrate Dependent Orientation of Sexithiophene Thin Films Deposited onto Oriented PTFE. Journal of Physical Chemistry B, 1997, 101, 8204-8211. | 1.2 | 32 |
| 129 | Helical Twist Senses, Liquid Crystalline Behavior, Crystal Microtwins, and Rotation Twins in a Polyester Containing Main-Chain Molecular Asymmetry and Effects of the Number of Methylene Units in the Backbones on the Phase Structures and Morphologies of Its Homologues. Macromolecules, 2002, 35, 9678-9686. | 2.2 | 32 |
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| 131 | Structural data on the packing of poly(ester amide)s derived from glycine, hexanediol, and odd-numbered dicarboxylic acids. Journal of Polymer Science, Part B: Polymer Physics, 1999, 37, 2521-2533. | 2.4 | 30 |
| 132 | A new approach in the study of tethered diblock copolymer surface morphology and its tethering density dependence. Polymer, 2007, 48, 3732-3738. | 1.8 | 30 |
| 133 | Scrolled Polymer Single Crystals Driven by Unbalanced Surface Stresses: Rational Design and Experimental Evidence. Macromolecules, 2011, 44, 7758-7766. | 2.2 | 30 |
| 134 | Morphology Diagram of Single-Layer Crystal Patterns in Supercooled Poly(ethylene oxide) Ultrathin Films: Understanding Macromolecular Effect of Crystal Pattern Formation and Selection. ACS Macro Letters, 2012, 1, 217-221. | 2.3 | 30 |
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| 138 | Liquid Crystalline Phases, Microtwinning in Crystals and Helical Chirality Transformations in a Main-Chain Chiral Liquid Crystalline Polyester. Macromolecules, 2002, 35, 5475-5482. | 2.2 | 28 |
| 139 | Oriented Microstructures of Crystallineâ€“Crystalline Block Copolymers Induced by Epitaxy and Competitive and Confined Crystallization. Macromolecules, 2016, 49, 5576-5586. | 2.2 | 28 |
| 140 | Syndiotactic Polystyrene Nanofibers Obtained from High-Temperature Solution Electrospinning Process. Macromolecules, 2010, 43, 2371-2376. | 2.2 | 27 |
| 141 | Crystal growth pattern changes in low molecular weight poly(ethylene oxide) ultrathin films. Polymer, 2011, 52, 1133-1140. | 1.8 | 27 |
| 142 | Phase structural formation and oscillation in polystyrene-block-polydimethylsiloxane thin films. Soft Matter, 2012, 8, 7937. | 1.2 | 27 |
| 143 | Liquid-crystalline textures in binary and ternary block copolymerâ€“solvent systems. Journal of Polymer Science, Polymer Physics Edition, 1982, 20, 1341-1353. | 1.0 | 26 |
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