

# Ulrich W Suter

## List of Publications by Year in descending order

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209  
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209  
docs citations

209  
times ranked

8340  
citing authors

#	ARTICLE	IF	CITATIONS
1	Why Was the Macromolecular Hypothesis Such a Big Deal?. <i>Advances in Polymer Science</i> , 2013, , 61-80.	0.8	1
2	Strain-hardening modulus of cross-linked glassy poly(methyl methacrylate). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2010, 48, 1464-1472.	2.1	31
3	Does the strain hardening modulus of glassy polymers scale with the flow stress?. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 2475-2481.	2.1	51
4	Poly(propylene)-Layered Silicate Nanocomposites: Gas Permeation Properties and Clay Exfoliation. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 68-75.	2.2	70
5	Surface-textured PEG-based hydrogels with adjustable elasticity: Synthesis and characterization. <i>Biomaterials</i> , 2007, 28, 567-575.	11.4	35
6	Segmental orientation in plastically deformed glassy PMMA. <i>Journal of the Mechanics and Physics of Solids</i> , 2006, 54, 589-610.	4.8	22
7	Influence of platelet aspect ratio and orientation on the storage and loss moduli of HDPE-mica composites. <i>Polymer</i> , 2005, 46, 523-530.	3.8	30
8	Effect of non-ionic surfactants on the exfoliation and properties of polyethylene-layered silicate nanocomposites. <i>Polymer</i> , 2005, 46, 8202-8209.	3.8	93
9	Tensile properties of polyethylene-layered silicate nanocomposites. <i>Polymer</i> , 2005, 46, 1653-1660.	3.8	175
10	Non-linear, rate-dependent strain-hardening behavior of polymer glasses. <i>Polymer</i> , 2005, 46, 11786-11797.	3.8	72
11	Determination of Orientational Order in Deformed Glassy PMMA from Solid-State NMR Data. <i>Macromolecules</i> , 2005, 38, 8372-8380.	4.8	14
12	Gas permeation properties of polyethylene-layered silicate nanocomposites. <i>Journal of Materials Chemistry</i> , 2005, , .	6.7	12
13	Influence of excessive filler coating on the tensile properties of LDPE-calcium carbonate composites. <i>Polymer</i> , 2004, 45, 1177-1183.	3.8	134
14	Surface Structure of Organoclays. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2239-2243.	13.8	76
15	Analysis of the phase transitions in alkyl-mica by density and pressure profiles. <i>Journal of Chemical Physics</i> , 2004, 120, 3847-3854.	3.0	30
16	Epoxy-Layered Silicate Nanocomposites and Their Gas Permeation Properties. <i>Macromolecules</i> , 2004, 37, 7250-7257.	4.8	156
17	Atomic Charges for Classical Simulations of Polar Systems. <i>Journal of Physical Chemistry B</i> , 2004, 108, 18341-18352.	2.6	204
18	Covalent binding of biorecognition groups to solids using poly(hydromethylsiloxane) as linkage. <i>Talanta</i> , 2004, 63, 159-165.	5.5	4

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19	Surface treatment of clay minerals ? thermal stability, basal-plane spacing and surface coverage. <i>Journal of Materials Chemistry</i> , 2003, 13, 2359.	6.7	90
20	Structure and Phase Transitions of Alkyl Chains on Mica. <i>Journal of the American Chemical Society</i> , 2003, 125, 9500-9510.	13.7	164
21	Polyurethane Adhesive Nanocomposites as Gas Permeation Barrier. <i>Macromolecules</i> , 2003, 36, 9851-9858.	4.8	290
22	Structure and Molecular Dynamics of Alkane Monolayers Self-Assembled on Mica Platelets. <i>Journal of Physical Chemistry B</i> , 2002, 106, 653-662.	2.6	94
23	Redox-Active Self-Assembled Monolayers for Solid-Contact Polymeric Membrane Ion-Selective Electrodes. <i>Chemistry of Materials</i> , 2002, 14, 1721-1729.	6.7	106
24	Surface Treatment of Calcite with Fatty Acids: Structure and Properties of the Organic Monolayer. <i>Chemistry of Materials</i> , 2002, 14, 4408-4415.	6.7	143
25	Reinforcement of poly(dimethylsiloxane) networks by montmorillonite platelets. <i>Journal of Applied Polymer Science</i> , 2002, 83, 2175-2183.	2.6	32
26	Processable Fully Aromatic Quinoline-Based Polymers. <i>Macromolecules</i> , 2001, 34, 3607-3614.	4.8	25
27	Polymer Nanocomposites Containing Superstructures of Self-Organized Platinum Colloids. <i>Journal of Physical Chemistry B</i> , 2001, 105, 7399-7404.	2.6	20
28	Versatile Method for Chemical Reactions with Self-Assembled Monolayers of Alkanethiols on Gold. <i>Langmuir</i> , 2001, 17, 3643-3650.	3.5	53
29	Simple and Accurate Computations of Solvatochromic Shifts in $\pi \rightarrow \pi^*$ Transitions of Aromatic Chromophores. <i>Journal of the American Chemical Society</i> , 2001, 123, 11229-11236.	13.7	21
30	Hydrolytic Degradation of Phase-Segregated Multiblock Copoly(ester urethane)s Containing Weak Links. <i>Macromolecular Chemistry and Physics</i> , 2001, 202, 2702-2711.	2.2	55
31	Solubility of water in polymers atomistic simulations. <i>Computational and Theoretical Polymer Science</i> , 2001, 11, 49-55.	1.1	32
32	Reinforcement of poly(dimethylsiloxane) networks by mica flakes. <i>Polymer</i> , 2001, 42, 6545-6556.	3.8	100
33	Normal and defective perylene substitution sites in alkane crystals. <i>Journal of Chemical Physics</i> , 2001, 114, 3224-3235.	3.0	15
34	Determination of the Cation-Exchange Capacity of Muscovite Mica. <i>Journal of Colloid and Interface Science</i> , 2000, 224, 112-115.	9.4	56
35	Hydroxy-telechelic copolyesters with well defined sequence structure through ring-opening polymerization. <i>Macromolecular Chemistry and Physics</i> , 2000, 201, 1067-1076.	2.2	66
36	An investigation of novel approaches in order to provide crosslinked fully aromatic polyamide chains. <i>Macromolecular Chemistry and Physics</i> , 2000, 201, 1374-1385.	2.2	7

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37	Arrangement of substituted, rigid-rod aramids in the highly-ordered solid state. <i>Macromolecular Chemistry and Physics</i> , 2000, 201, 1476-1486.	2.2	1
38	Mechanical properties of substituted, rigid-rod aramids in the highly-ordered solid state. <i>Macromolecular Chemistry and Physics</i> , 2000, 201, 1487-1492.	2.2	1
39	Synthesis and characterization of liquid platinum compounds. <i>Inorganica Chimica Acta</i> , 2000, 299, 199-208.	2.4	41
40	The influence of stereoregularity defects on crystals of isotactic poly(propylene). <i>Journal of Computer-Aided Materials Design</i> , 2000, 7, 1-10.	0.7	3
41	The Shpol'skii system perylene in n-hexane: A computational study of inclusion sites. <i>Journal of Chemical Physics</i> , 2000, 112, 1995-2002.	3.0	10
42	Thermotropic behaviour of covalent fullerene adducts displaying 4-cyano-4'-oxybiphenyl mesogens. <i>Perkin Transactions II RSC</i> , 2000, , 193-198.	1.1	56
43	Influence of the Ring Size on the Behavior of Polymeric Inclusion Compounds at Mica Surfaces. <i>Langmuir</i> , 2000, 16, 5311-5316.	3.5	11
44	Activated Poly(hydromethylsiloxane)s as Novel Adhesion Promoters for Metallic Surfaces. <i>Journal of Adhesion</i> , 2000, 72, 51-63.	3.0	15
45	Solid-State NMR Investigation of the Structural Consequences of Plastic Deformation in Polycarbonate. 2. Local Orientational Order. <i>Macromolecules</i> , 2000, 33, 6808-6814.	4.8	18
46	Two-Dimensional Melting of Alkane Monolayers Ionically Bonded to Mica. <i>Journal of Physical Chemistry B</i> , 2000, 104, 4433-4439.	2.6	71
47	Hepatic artery embolisation with a novel radiopaque polymer causes extended liver necrosis in pigs due to occlusion of the concomitant portal vein. <i>Journal of Hepatology</i> , 2000, 32, 261-268.	3.7	20
48	Bridging the Gap Between Atomistic and Coarse-Grained Models of Polymers: Status and Perspectives. <i>Advances in Polymer Science</i> , 2000, , 41-156.	0.8	336
49	Polymers grafted on mica by radical chain growth from the surface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 154, 87-96.	4.7	10
50	Strongly attached ultrathin polymer layers on metal surfaces obtained by activation of Si-H bonds. <i>Applied Surface Science</i> , 1999, 143, 256-264.	6.1	14
51	Alkali Metals Ion Exchange on Muscovite Mica. <i>Journal of Colloid and Interface Science</i> , 1999, 209, 232-239.	9.4	46
52	Dodecyl Pyridinium/Alkali Metals Ion Exchange on Muscovite Mica. <i>Journal of Colloid and Interface Science</i> , 1999, 214, 400-406.	9.4	20
53	Ultrathin Polymer Films on Gold Surfaces through Activation of Si-H Bonds. <i>Journal of Colloid and Interface Science</i> , 1999, 216, 250-256.	9.4	7
54	On the isomorphism of poly( $\beta$ -hydroxybutyrate-co- $\beta$ -hydroxyvalerate) random copolymers. <i>Macromolecular Theory and Simulations</i> , 1999, 8, 110-118.	1.4	5

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55	New versatile, elastomeric, degradable polymeric materials for medicine. <i>International Journal of Biological Macromolecules</i> , 1999, 25, 293-301.	7.5	96
56	Polymerization of Styrene with Peroxide Initiator Ionically Bound to High Surface Area Mica. <i>Macromolecules</i> , 1999, 32, 3590-3597.	4.8	50
57	Graft Polymerization of Styrene on Mica: Formation and Behavior of Molecular Droplets and Thin Films. <i>Langmuir</i> , 1999, 15, 6940-6945.	3.5	25
58	Preparation and Characterization of Ultrathin Layers of Substituted Oligo- and Poly(p-phenylene)s and Mixed Layers with Octadecanethiol on Gold and Copper. <i>Langmuir</i> , 1999, 15, 6333-6342.	3.5	10
59	Donor-Acceptor-Substituted Phenylethenyl Bithiophenes: Highly Efficient and Stable Nonlinear Optical Chromophores. <i>Organic Letters</i> , 1999, 1, 1847-1849.	4.6	109
60	Solid-State NMR Investigation of the Structural Consequences of Plastic Deformation in Polycarbonate. 1. Global Orientational Order. <i>Macromolecules</i> , 1999, 32, 6191-6205.	4.8	32
61	Local Bending Moment as a Measure of Adhesion: The Cantilever Beam Test. <i>Journal of Adhesion</i> , 1999, 69, 1-12.	3.0	5
62	H <sup>+</sup> /Li <sup>+</sup> and H <sup>+</sup> /K <sup>+</sup> Exchange on Delaminated Muscovite Mica. <i>Journal of Colloid and Interface Science</i> , 1998, 198, 157-163.	9.4	26
63	Reaction of Long-Chain Iodoalkanes with Gold Surfaces. <i>Journal of Colloid and Interface Science</i> , 1998, 202, 167-172.	9.4	21
64	Tissue-compatible multiblock copolymers for medical applications, controllable in degradation rate and mechanical properties. <i>Macromolecular Chemistry and Physics</i> , 1998, 199, 2785-2796.	2.2	86
65	In vivo performance of a new biodegradable polyester urethane system used as a nerve guidance channel. <i>Biomaterials</i> , 1998, 19, 2155-2165.	11.4	136
66	Main-Chain Nonlinear Optical Polymers with Enhanced Orientational Stability. <i>Macromolecules</i> , 1998, 31, 7676-7681.	4.8	22
67	Relaxation Processes in Nonlinear Optical Polymers: A Comparative Study. <i>Macromolecules</i> , 1998, 31, 1947-1957.	4.8	20
68	Ultrathin Layers of Substituted Poly(styrene)s on Gold and Copper. <i>Langmuir</i> , 1998, 14, 347-351.	3.5	10
69	Synthesis and Characterization of New Photorefractive Polymers with High Glass Transition Temperatures. <i>Macromolecules</i> , 1998, 31, 6184-6189.	4.8	12
70	A New Model Describing the Cocrystallization Behavior of Random Copolymers. <i>Macromolecules</i> , 1998, 31, 2516-2520.	4.8	66
71	Predicting the Cocrystallization Behavior of Random Copolymers via Free Energy Calculations. <i>Macromolecules</i> , 1998, 31, 2509-2515.	4.8	39
72	Investigation on the wettability properties of thin films of methacrylic polymers with partially fluorinated side chains. <i>Macromolecular Chemistry and Physics</i> , 1998, 199, 2425-2431.	2.2	0

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73	High Refractive Index Materials of Iron Sulfides and Poly(ethylene oxide). Journal of Materials Research, 1997, 12, 2198-2206.	2.6	27
74	Atomistically Modeling the Chemical Potential of Small Molecules in Dense Polymer Microstructures. 1. Method. Macromolecules, 1997, 30, 6107-6113.	4.8	47
75	Electro-Optical Properties of Waveguides Based on a Main-Chain Nonlinear Optical Polyamide. Macromolecules, 1997, 30, 3256-3261.	4.8	26
76	Atomistically Modeling the Chemical Potential of Small Molecules in Dense Polymer Microstructures. 2. Water Sorption by Polyamides. Macromolecules, 1997, 30, 6114-6119.	4.8	53
77	Synthesis of fluorescence-labelled short-chain polyester segments for the investigation of bioresorbable poly(ester-urethane)s. Macromolecular Chemistry and Physics, 1997, 198, 1481-1498.	2.2	7
78	Synthesis of biomedical, fluorescence-labelled polyesterurethanes for the investigation of their degradation. Macromolecular Chemistry and Physics, 1997, 198, 2667-2688.	2.2	3
79	Polymer sheets with a thin nanocomposite layer acting as a UV filter. Polymers for Advanced Technologies, 1997, 8, 505-512.	3.2	64
80	Adsorption of Mononuclear, Binuclear, and Polymeric Ruthenium Complexes on Mica. Journal of Colloid and Interface Science, 1997, 189, 305-311.	9.4	5
81	Ion Exchange of Cation-Terminated Poly(ethylene oxide) Chains on Mica Surfaces. Journal of Colloid and Interface Science, 1997, 189, 283-287.	9.4	16
82	Modification of SiO <sub>2</sub> Surfaces by Reaction with Acetals, Ketals, Orthoesters, and Orthocarbonates. Journal of Colloid and Interface Science, 1997, 191, 209-215.	9.4	20
83	Determination of Orientational Anisotropy in Glassy Solids by 2D Dipolar Spectra With Sample Flipping. Journal of Magnetic Resonance, 1997, 128, 217-227.	2.1	12
84	Orientation of Molecular Segments by Plastic Deformation of Glassy Polycarbonate. Macromolecules, 1996, 29, 2909-2915.	4.8	11
85	Glossary of basic terms in polymer science (IUPAC Recommendations 1996). Pure and Applied Chemistry, 1996, 68, 2287-2311.	1.9	550
86	Self-Assembled Layers of Substituted Poly(p-phenylene)s on Gold and Copper Investigated by Soft X-ray Spectroscopy. Langmuir, 1996, 12, 719-725.	3.5	17
87	Adsorption of Polymeric Inclusion Compounds on Muscovite Mica. Macromolecules, 1996, 29, 718-723.	4.8	39
88	Modification of SiO <sub>2</sub> Surfaces by Reaction with Trialkoxymethanes and Triphenoxymethane. Langmuir, 1996, 12, 4391-4394.	3.5	12
89	Telechelic diols from poly[(R)-3-hydroxybutyric acid] and poly{[(R)-3-hydroxybutyric acid]-co-[(R)-3-hydroxyvaleric acid]}. Macromolecular Chemistry and Physics, 1996, 197, 1609-1614.	2.2	107
90	Synthesis of degradable, biocompatible, and tough block-copolyesterurethanes. Macromolecular Chemistry and Physics, 1996, 197, 4253-4268.	2.2	77

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91	Time-coarse graining in flexible models of polymer melts. <i>Journal of Computer-Aided Materials Design</i> , 1996, 2, 259-269.	0.7	0
92	A normal mode study of a polymer glass containing a chromophore impurity. <i>Journal of Chemical Physics</i> , 1996, 104, 2401-2409.	3.0	8
93	Fluctuation formula for elastic constants. <i>Physical Review B</i> , 1996, 54, 1-4.	3.2	250
94	Local Bending Moment as a Measure of Adhesion: The Blister Test. <i>Journal of Adhesion</i> , 1996, 56, 45-57.	3.0	1
95	Ordering of liquid crystalline solutions of rigid-rod aramids using mechanical shearing and electric-field poling. <i>Macromolecular Chemistry and Physics</i> , 1995, 196, 1113-1127.	2.2	4
96	Viscosity and light scattering measurements of poly(2-fluoro-p-phenylene-2-fluoroterephthalamide). <i>Macromolecular Chemistry and Physics</i> , 1995, 196, 1391-1404.	2.2	6
97	Parallelization of a Monte Carlo algorithm for the simulation of polymer melts. <i>Computer Physics Communications</i> , 1995, 92, 229-251.	7.5	2
98	Optimized atomic Lennard-Jones 6-12 parameters for simulating pVT properties of a realistic polymethylene melt. <i>Journal of Chemical Physics</i> , 1995, 102, 5761-5769.	3.0	12
99	RF-driven and proton-driven NMR polarization transfer for investigating local order. <i>Molecular Physics</i> , 1995, 84, 995-1020.	1.7	55
100	Self-Assembled Layers of an Aromatic Poly(ketone) and Poly(benzil) on Gold and Copper. <i>Langmuir</i> , 1995, 11, 3013-3017.	3.5	12
101	Structural Characterization of Polycarbonates for Membrane Applications by Atomic Level Simulation. <i>Industrial &amp; Engineering Chemistry Research</i> , 1995, 34, 4193-4201.	3.7	10
102	Relationship between Helium Transport and Molecular Motions in a Glassy Polycarbonate. <i>Macromolecules</i> , 1995, 28, 2582-2584.	4.8	46
103	Orientational Relaxation in Electric-Field-Poled Films from Main-Chain Nonlinear Optical Polyamides. <i>Macromolecules</i> , 1995, 28, 2377-2382.	4.8	28
104	Elasticity of solid polymers as a result of thermal motions. <i>Macromolecular Symposia</i> , 1995, 90, 85-94.	0.7	7
105	Accelerated equilibration of polymer melts by time-coarse graining. <i>Journal of Chemical Physics</i> , 1995, 102, 7256-7266.	3.0	77
106	The Mechanism of Spectral Shift and Inhomogeneous Broadening of an Aromatic Chromophore in a Polymer Glass. <i>Journal of the American Chemical Society</i> , 1995, 117, 7493-7507.	13.7	36
107	Monte Carlo algorithms for the atomistic simulation of condensed polymer phases. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1995, 91, 2355.	1.7	48
108	Monte Carlo methodologies for enhanced configurational sampling of dense systems: motion of a spherical solute in a polymer melt as a model problem. <i>Molecular Physics</i> , 1994, 83, 489-518.	1.7	12

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109	Hybrid Monte Carlo simulations of dense polymer systems. <i>Journal of Chemical Physics</i> , 1994, 101, 2616-2629.	3.0	52
110	Materials science – a challenge to macromolecular chemistry. <i>Macromolecular Chemistry and Physics</i> , 1994, 195, 29-34.	2.2	3
111	Spinning and characterization of fibers from poly(2,6-dichloro-p-phenyleneterephthalamide): a study of constitutional isomerism and solid-state arrangements by comparison between simulation and experiment. <i>Macromolecular Chemistry and Physics</i> , 1994, 195, 475-510.	2.2	7
112	Thermally crosslinked rigid-rod aramids, 1. Synthesis of a new monomer and its polymerization. <i>Macromolecular Chemistry and Physics</i> , 1994, 195, 511-524.	2.2	14
113	Thermally crosslinked rigid-rod aramids, 2. Fiber spinning and fiber properties. <i>Macromolecular Chemistry and Physics</i> , 1994, 195, 525-537.	2.2	13
114	Conformational characteristics of polystyrene. <i>Macromolecular Theory and Simulations</i> , 1994, 3, 1-17.	1.4	54
115	Static atomistic modelling of the structure and ring dynamics of bulk amorphous polystyrene. <i>Macromolecular Theory and Simulations</i> , 1994, 3, 19-43.	1.4	57
116	Polytriacetylenes: Conjugated polymers with a novel all-carbon backbone. <i>Advanced Materials</i> , 1994, 6, 786-790.	21.0	64
117	Size Variation of PbS Particles in High-Refractive-Index Nanocomposites. <i>The Journal of Physical Chemistry</i> , 1994, 98, 8992-8997.	2.9	127
118	Elasticity of solid polymers as a result of thermal motions. <i>Macromolecules</i> , 1994, 27, 615-616.	4.8	25
119	Polymerization of Styrene with Initiator Ionically Bound to High Surface Area Mica: Grafting via an Unexpected Mechanism. <i>Macromolecules</i> , 1994, 27, 1637-1642.	4.8	98
120	Self-Assembled Layers of Substituted Poly(p-phenylene)s on Gold and Copper. <i>Langmuir</i> , 1994, 10, 1164-1170.	3.5	13
121	Regio-, Stereo-, and Enantioselective Alternating Copolymerization of Propene with Carbon Monoxide. <i>Macromolecules</i> , 1994, 27, 4436-4440.	4.8	107
122	New Polyamides with Large Second-Order Nonlinear Optical Properties. <i>Macromolecules</i> , 1994, 27, 2181-2186.	4.8	48
123	Morphology of a Self-Assembled Monolayer of a Polymer. <i>Macromolecules</i> , 1994, 27, 1983-1984.	4.8	11
124	Ion Exchange on Muscovite Mica with Ultrahigh Specific Surface Area. <i>Journal of Colloid and Interface Science</i> , 1993, 157, 318-327.	9.4	39
125	Continuum configurational bias Monte-Carlo studies of alkanes and polyethylene. <i>Fluid Phase Equilibria</i> , 1993, 83, 323-331.	2.5	29
126	Polymer nanocomposites with –ultralow–refractive index. <i>Polymers for Advanced Technologies</i> , 1993, 4, 1-7.	3.2	64



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127	A model for transport of diatomic molecules through elastic solids. <i>Journal of Computer-Aided Materials Design</i> , 1993, 1, 63-73.	0.7	26
128	Adsorption of unsaturated organic compounds from solution on copper. <i>Langmuir</i> , 1993, 9, 877-879.	3.5	4
129	Ultrathin layers of low- and high-molecular-weight imides on gold and copper. <i>Langmuir</i> , 1993, 9, 3245-3254.	3.5	25
130	Dynamics of small molecules in dense polymers subject to thermal motion. <i>Journal of Chemical Physics</i> , 1993, 99, 2228-2234.	3.0	219
131	Simulation of elastic and plastic response in the glassy polycarbonate of 4,4'-isopropylidenediphenol. <i>Macromolecules</i> , 1993, 26, 1097-1108.	4.8	88
132	Atomistic modelling of plastic deformation of glassy polymers. <i>Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties</i> , 1993, 67, 931-978.	0.6	125
133	Removal of OH groups from silica surfaces under mild conditions. <i>Composite Interfaces</i> , 1993, 1, 429-437.	2.3	2
134	High refractive index films of polymer nanocomposites. <i>Journal of Materials Research</i> , 1993, 8, 1742-1748.	2.6	105
135	Dynamics of light gases in rigid matrices of dense polymers. <i>Journal of Chemical Physics</i> , 1993, 99, 2221-2227.	3.0	157
136	Continuum-configurational-bias Monte Carlo simulations of long-chain alkanes. <i>Molecular Physics</i> , 1993, 80, 55-63.	1.7	78
137	Modelling of solid polymers in chemical detail – gases in amorphous polymers. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1993, 69, 229-236.	0.6	3
138	Modelling and computer simulation in polymer science. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1993, 65, 1-2.	0.6	2
139	A dynamic Monte Carlo method suitable for molecular simulations. <i>Journal of Chemical Physics</i> , 1992, 96, 5383-5388.	3.0	13
140	Simulation of phase equilibria for chain molecules. <i>Journal of Chemical Physics</i> , 1992, 97, 2817-2819.	3.0	213
141	Estimation of the chemical potential of chain molecules by simulation. <i>Journal of Chemical Physics</i> , 1992, 96, 6157-6162.	3.0	213
142	Adsorption of alkanenitriles and alkanedinitriles on gold and copper. <i>Langmuir</i> , 1992, 8, 2771-2777.	3.5	33
143	Stereochemistry of alternating copolymers of vinyl olefins with carbon monoxide. <i>Macromolecules</i> , 1992, 25, 3604-3606.	4.8	101
144	Adsorption of triphenylamine, triphenylphosphine, triphenylarsine, triphenylstibine, and triphenylbismuthine on gold and copper. <i>Langmuir</i> , 1992, 8, 90-94.	3.5	26

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145	Simulation of polyethylene above and below the melting point. <i>Journal of Chemical Physics</i> , 1992, 96, 2395-2403.	3.0	359
146	Space available to small diffusants in polymeric glasses: Analysis of unoccupied space and its connectivity. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1992, 30, 415-426.	2.1	71
147	The atomic strain tensor. <i>Journal of Computational Physics</i> , 1992, 101, 140-150.	3.8	50
148	Regioselectivity Control in the Palladium-Catalyzed Copolymerization of Propylene with Carbon Monoxide. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 303-305.	4.4	80
149	Syntheses and X-Ray Structures for Model Compounds of a Pyrimidinediyl-Based Rigid-Rod Aromatic Polyamide. <i>Helvetica Chimica Acta</i> , 1992, 75, 184-189.	1.6	22
150	Regioselektivitätskontrolle bei der Palladium-katalysierten Copolymerisation von Propen mit Kohlenmonoxid. <i>Angewandte Chemie</i> , 1992, 104, 306-307.	2.0	29
151	Constitutional isomerism in step-growth polymers: theoretical aspects of systems with chemical induction. <i>Macromolecules</i> , 1991, 24, 633-641.	4.8	15
152	Quasi-static modeling of chain dynamics in the amorphous glassy polycarbonate of 4,4'-isopropylidenediphenol. <i>Macromolecules</i> , 1991, 24, 5970-5979.	4.8	74
153	An atomistic model of the amorphous glassy polycarbonate of 4,4'-isopropylidenediphenol. <i>Macromolecules</i> , 1991, 24, 5962-5969.	4.8	70
154	Conformational characteristics of the polycarbonate of 4,4'-isopropylidenediphenol. <i>Macromolecules</i> , 1991, 24, 5956-5961.	4.8	55
155	Rigid-rod fully aromatic polyamides with controlled constitution: synthesis and some properties. <i>Macromolecules</i> , 1991, 24, 642-647.	4.8	33
156	Detailed atomistic simulation of oriented pseudocrystalline polymers and application to a stiff-chain aramid. <i>Macromolecules</i> , 1991, 24, 1921-1933.	4.8	50
157	Calculation of mechanical properties of poly(p-phenylene terephthalamide) by atomistic modelling. <i>Polymer</i> , 1991, 32, 2179-2189.	3.8	49
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