

Ulrich Maschke

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1422833/publications.pdf>

Version: 2024-02-01

155
papers

1,730
citations

331259

21
h-index

360668

35
g-index

158
all docs

158
docs citations

158
times ranked

1346
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning of thermally-induced shape memory properties of low-cost biocompatible linear and chemically crosslinked isobornyl/isobutylacrylate copolymers. <i>Composites Science and Technology</i> , 2022, 219, 109213.	3.8	1
2	Cleaning of Wastewater Using Crosslinked Poly(Acrylamide-co-Acrylic Acid) Hydrogels: Analysis of Rotatable Bonds, Binding Energy and Hydrogen Bonding. <i>Gels</i> , 2022, 8, 156.	2.1	9
3	Enhanced thermal stability of biobased crosslinked poly (isobornylacrylate-co-2-ethylhexylacrylate) copolymers. <i>Journal of Polymer Research</i> , 2022, 29, .	1.2	1
4	Effect of structure on the glass transition temperatures of linear and crosslinked poly(isobornylacrylate-co-isobutylacrylate). <i>Journal of Applied Polymer Science</i> , 2021, 138, 50449.	1.3	5
5	Dielectric Spectroscopy Analysis of Liquid Crystals Recovered from End-of-Life Liquid Crystal Displays. <i>Molecules</i> , 2021, 26, 2873.	1.7	16
6	Photo-curing kinetics of hydroxyethyl acrylate (HEA): synergetic effect of dye/amine photoinitiator systems. <i>International Journal of Industrial Chemistry</i> , 2020, 11, 1-9.	3.1	3
7	Swelling and thermal behavior of a cross-linked polymer networks poly(2-phenoxyethyl acrylate): exploitation by the Voigt viscoelastic model. <i>Polymer Bulletin</i> , 2020, 77, 5567-5588.	1.7	5
8	Unusual swelling of acrylate based crosslinked polymer networks in linear primary alcohols: Experimental and modeling aspects. <i>Journal of Molecular Liquids</i> , 2020, 320, 114459.	2.3	2
9	Modification of hydroxyapatite surface properties by electron irradiation. <i>Radiation Physics and Chemistry</i> , 2020, 177, 109192.	1.4	4
10	Photodegradation of Decabromo Diphenyl Ether Flame Retardant in Poly (Acrylonitrile Butadiene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	4
11	Titanium and iron-modified delaminated muscovite as photocatalyst for enhanced degradation of Tetrabromobisphenol A by visible light. <i>Functional Materials Letters</i> , 2020, 13, 2051008.	0.7	9
12	Conformational modeling of the system pollutant/three-dimensional poly (2-hydroxyethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td	1.7	5
13	Elaboration of new modified electrodes (MEs) by electropolymerization of Cu(II)-Schiff base complexes bearing pyrrole moieties: Application in electroreduction of acetophenone and carbon dioxide. <i>European Polymer Journal</i> , 2019, 112, 569-580.	2.6	5
14	Mesophase study of pure and doped cyanobiphenyl liquid crystals with salen-type systems. <i>Liquid Crystals</i> , 2018, 45, 1312-1323.	0.9	11
15	Phase behaviour and electro-optical response of systems composed of nematic liquid crystals and poly (2-ethylhexylacrylate). <i>Liquid Crystals</i> , 2018, 45, 656-665.	0.9	7
16	Analysis of dynamic mechanical properties of photochemically crosslinked poly(isobornylacrylate-co-isobutylacrylate) applying WLF and Havriliak-Negami models. <i>Polymer Testing</i> , 2018, 72, 432-438.	2.3	15
17	Extraction of indium-tin oxide from end-of-life LCD panels using ultrasound assisted acid leaching. <i>Ultrasonics Sonochemistry</i> , 2018, 40, 929-936.	3.8	53
18	Swelling behavior of poly(isobornylacrylate-co-isobutylacrylate)/nematic liquid crystal systems: Experimental measurements and modeling by factorial design method. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45230.	1.3	4

#	ARTICLE	IF	CITATIONS
19	Effect of titanium dioxide nanoparticles on polymer network formation. <i>Spectroscopy Letters</i> , 2017, 50, 522-527.	0.5	9
20	Enhanced adsorption of 2,4-dichlorophenol from aqueous solution using modified low cost Algerian geomaterial. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 80, 578-588.	2.7	20
21	Kinetic analysis of the swelling behavior of poly(<i>n</i> -butylacrylate- <i>co</i> -hexanedioldiacrylate) networks in 4-cyano-2-pentylbiphenyl (5-CPB). <i>Journal of Applied Polymer Science</i> , 2017, 134, 45452.	2.0	1
22	Effects of electron beam irradiation on thermal and mechanical properties of poly(lactic acid) films. <i>Polymer Degradation and Stability</i> , 2016, 133, 293-302.	2.7	25
23	Adsorption of reactive dyes from aqueous solution by dirty bentonite. <i>Applied Clay Science</i> , 2016, 123, 64-75.	2.6	148
24	Wettability modification of human tooth surface by water and UV and electron-beam radiation. <i>Materials Science and Engineering C</i> , 2015, 57, 133-146.	3.8	13
25	FT-IR and FT-Raman spectra of 2-hydroxyethyl methacrylate – A conformational and vibrational analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 148, 396-404.	2.0	13
26	MM and QM: Conformational and vibrational spectra analysis of 2-hydroxyethyl acrylate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 50-57.	2.0	1
27	Erythrosine/Triethanolamine System to Elaborate Crosslinked Poly(2-hydroxyethylmethacrylate): UV-Photopolymerization and Swelling Studies. <i>Macromolecular Symposia</i> , 2014, 336, 75-81.	0.4	12
28	Phase Diagrams of PolyAcrylic Networks and Liquid Crystal E7. <i>Macromolecular Symposia</i> , 2014, 336, 61-67.	0.4	3
29	Effect of molecular weight of monomer on the processes of phase separation during the elaboration of composite materials type PDLC. , 2014, , .		0
30	Experimental Study on the Swelling Behavior of Polymer Networks in a Nematic Solvent. <i>Macromolecular Symposia</i> , 2014, 336, 68-74.	0.4	1
31	Spectrophotometric investigation of interaction between iodine and pentadentate Schiff base ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 125, 61-66.	2.0	7
32	Degradation by irradiation of an Acid Orange 7 on colloidal TiO ₂ /(LDHs). <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 275, 21-29.	2.0	34
33	Spectroscopic behavior of saytex 8010 under UV-visible light and comparative thermal study with some flame bromine retardant. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 275, 96-102.	2.0	18
34	The molecular conformation of butyl acrylate – A vibrational spectroscopy and computational study. <i>Vibrational Spectroscopy</i> , 2014, 73, 56-66.	1.2	6
35	Photochemical Degradation of Polybrominated Diphenylether BDE209 Under Ultraviolet Irradiation. <i>Springer Proceedings in Physics</i> , 2014, , 301-306.	0.1	1
36	Adsorption of Two Dyes by Mg(OH) ₂ : Procion Blue HB and Remazol Brilliant Blue R. <i>Springer Proceedings in Physics</i> , 2014, , 463-468.	0.1	2

#	ARTICLE	IF	CITATIONS
37	Small-angle light scattering and transmittance of polymer film, containing liquid crystal droplets with inhomogeneous boundary conditions. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2012, 113, 2585-2592.	1.1	14
38	Elaboration of Side-Chain Liquid-Crystalline Elastomers and Study of Their Swelling Behavior in Anisotropic Solvents. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 560, 159-169.	0.4	3
39	Electro-Optical Memory Effects of Polymerized Methacrylate/Liquid Crystal Systems. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 561, 115-123.	0.4	1
40	Investigation of Transmittance and Small-Angle Light Scattering by Monolayer of Liquid Crystal Droplets with Modified Boundary Conditions. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 561, 194-202.	0.4	5
41	The Effect of Diamond Nanoparticles on Electro-Optical Properties of Polymer Dispersed Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 561, 136-144.	0.4	9
42	Optical, Electro-Optical, and Dielectric Properties of Acrylic Tripropyleneglycol Based Polymer Network Systems Including LCs. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 561, 124-135.	0.4	7
43	Effects of Monomer Structure on Morphology and Electro-Optical Properties of Polymer/Liquid Crystal Systems. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 543, 107/[873]-116/[882].	0.4	6
44	Phase Behavior of Poly(<i>n</i> -butyl acrylate) and Poly(2-ethylhexyl acrylate) in Nematic Liquid Crystal E7. <i>Macromolecular Symposia</i> , 2011, 303, 10-16.	0.4	6
45	Dielectric and Electro-Optical Properties of Liquid Crystals Doped with Diamond Nanoparticles. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 541, 35/[273]-43/[281].	0.4	26
46	Kinetics and Equilibrium Swelling Properties of Hydrophilic Polymethacrylate Networks. <i>Macromolecular Symposia</i> , 2011, 303, 71-77.	0.4	6
47	Some Properties of Nematic Liquid Crystal E7/Acrylic Polymer Networks. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 541, 201/[439]-210/[448].	0.4	11
48	Angular structure of radiation scattered by monolayer of polydisperse droplets of nematic liquid crystal. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2011, 110, 110-118.	0.2	12
49	Phase behavior of polystyrene acrylonitril copolymer and polymethylmethacrylate blends under shear. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2011, 49, 310-317.	2.4	1
50	Equilibrium Phase Diagrams of Interpenetrating Polymer Networks and Liquid Crystals. <i>Macromolecular Symposia</i> , 2011, 303, 95-99.	0.4	4
51	Optical and Calorimetric Studies of Liquid Crystalline Materials Doped with Nanoparticles. <i>Macromolecular Symposia</i> , 2011, 303, 108-113.	0.4	1
52	Dielectric Characterization of Polymer Dispersed Liquid Crystal in Microwave Range – Material Integration in Specific Electronic Devices. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 542, 227/[749]-236/[758].	0.4	5
53	Kinetics and Molecular Weight Characterization of Poly (2-Ethylhexyl Acrylate) and Liquid Crystal (5CB) Composites. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 547, 128/[1818]-134/[1824].	0.4	4
54	Effect of Curing Process on the Dynamic Response of Polymer Dispersed Liquid Crystal Films. <i>Macromolecular Symposia</i> , 2011, 303, 100-107.	0.4	1

#	ARTICLE	IF	CITATIONS
55	Dispersions of Diamond Nanoparticles in Nematic Liquid Crystal/Polymer Materials. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 545, 77/[1301]-84/[1308].	0.4	6
56	Solubility effects of multicomponent liquid crystal blends towards poly (n-butyl-acrylate). <i>Liquid Crystals</i> , 2011, 38, 1315-1320.	0.9	6
57	Unusual Phase Separation Kinetics of Polyacrylate/E7 Blends. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 544, 157/[1145]-164/[1152].	0.4	4
58	Thermophysical Analysis of Smectic A Domains Confined into a Thermoplastic Polymer Matrix. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 546, 87/[1557]-94/[1564].	0.4	4
59	Mechanical Properties of Polymer/Liquid Crystal Films Elaborated by Electron Beam and UV Radiation. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 546, 134/[1604]-142/[1612].	0.4	2
60	Phase Properties of Interpenetrating Polymer Networks and Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 545, 220/[1444]-229/[1453].	0.4	1
61	Modelling of photodegradation effect on elastic-viscoplastic behaviour of amorphous polylactic acid films. <i>Journal of the Mechanics and Physics of Solids</i> , 2010, 58, 241-255.	2.3	82
62	Control of phase separation and morphology of thiol-ene based PDLCs by curing light intensity. <i>Optical Materials</i> , 2010, 32, 982-989.	1.7	26
63	Phase Behavior of Mixtures of Low Molecular Weight Nematic Liquid Crystals and Photochemically Crosslinked Polyacrylates. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 526, 119-129.	0.4	5
64	A Wide-Range Controlling of Optical and Morphological Parameters of PDLC Samples via the Intensity of Curing Light. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 526, 1-9.	0.4	4
65	Relaxation Behaviour of Monomer/Liquid Crystal Blends after Exposure to Ultraviolet Light. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 502, 29-36.	0.4	5
66	Dispersion of Pentadentate Schiff Bases and Their Transition Metal Complexes in Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 502, 121-129.	0.4	4
67	Studies of optical transmission properties of electron beam cured polymer/liquid crystal systems. <i>Optical Materials</i> , 2009, 31, 632-639.	1.7	17
68	Investigation of the electro-optical behaviour of UV-cured polymer/liquid crystal systems. <i>Physics Procedia</i> , 2009, 2, 643-648.	1.2	11
69	Mechanical properties of polymer/liquid crystal systems prepared by electron-beam and ultra-violet processing: Filling effect and plasticization. <i>Physics Procedia</i> , 2009, 2, 1119-1124.	1.2	2
70	Spectrophotometric study of liquid crystals containing pentadentate Schiff base type systems. <i>Physics Procedia</i> , 2009, 2, 1305-1311.	1.2	6
71	Memory effects of polymerized 2-hydroxyethylmethacrylate/4-cyano- $\langle \mathit{si} \rangle$ $\langle \mathit{1} \rangle$. $\langle \mathit{display} = \mathit{inline} \mathit{overflow} = \mathit{scroll} \rangle$ $\langle \mathit{xmlns:xocs} = \mathit{http://www.elsevier.com/xml/xocs/dtd} \rangle$ $\langle \mathit{xmlns:xs} = \mathit{http://www.w3.org/2001/XMLSchema} \rangle$ $\langle \mathit{xmlns:xsi} = \mathit{http://www.w3.org/2001/XMLSchema-instance} \rangle$ $\langle \mathit{xmlns} = \mathit{http://www.elsevier.com/xml/ja/dtd} \rangle$ $\langle \mathit{xmlns:ja} = \mathit{http://www.elsevier.com/xml/ja/dtd} \rangle$ $\langle \mathit{xmlns:mml} = \mathit{http://www.w3.org/1998/Math/MathML} \rangle$ $\langle \mathit{xmlns:tb} = \mathit{http://www.elsevier.com/xml/common/table/dtd} \rangle$ $\langle \mathit{xmlns:sb} = \mathit{http://www.elsevier.com/xml/co} \rangle$	1.2	1
72	Selective solubility of E7 components in poly (n-butylacrylate). <i>Physics Procedia</i> , 2009, 2, 1475-1479.	1.2	1

#	ARTICLE	IF	CITATIONS
73	Highly Efficient Holographic PDLC Based on Acrylate Monomers with Low Functionality. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 502, 37-46.	0.4	1
74	Optical and Electro-Optical Properties of Poly(2-hydroxyethylmethacrylate)/5CB Systems. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 502, 77-86.	0.4	2
75	Small-angle light scattering from polymer-dispersed liquid-crystal films. <i>Journal of Experimental and Theoretical Physics</i> , 2008, 107, 692-698.	0.2	4
76	Gelling and the collective dynamics in ferroelectric liquid crystals. <i>Soft Matter</i> , 2008, 4, 1237.	1.2	15
77	Swelling Behaviour of Isotropic Poly(<i>n</i> -butyl acrylate) Networks in Isotropic and Anisotropic Solvents. <i>Macromolecular Symposia</i> , 2008, 273, 66-72.	0.4	7
78	Swelling of Acrylic Interpenetrating Polymer Networks in Liquid Crystals. <i>Macromolecular Symposia</i> , 2008, 273, 33-37.	0.4	6
79	Swelling equilibria in mixtures of isotropic gels and low molar weight smectic-A liquid crystals. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 295, 113-122.	2.3	3
80	Miscibility and morphology of poly(ethylhexylacrylate)/liquid crystal blends prepared under different conditions. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 18-27.	2.4	7
81	Phase Modulation of Light by a Composite Film with Fine Ferroelectric Liquid Crystal Droplets: Theoretical Treatment. <i>Ferroelectrics</i> , 2006, 344, 111-115.	0.3	2
82	Effect of Nematic Order Coupling on the Phase Diagrams of Side-Chain Polymer Gels with Liquid Crystal Solvent. <i>E-Polymers</i> , 2006, 6, .	1.3	0
83	Selective Solubility of E7 Components in Poly(<i>n</i> -butylacrylate). <i>Molecular Crystals and Liquid Crystals</i> , 2004, 411, 537-544.	0.4	9
84	Electro-optical and Morphological Properties of Ultraviolet- and Electron Beam "cured Monomer/liquid Crystal Mixtures. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 422, 153-162.	0.4	0
85	Static Light Scattering from Tripropyleneglycoldiacrylate/E7 Mixtures: Theorie and Experiments. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 422, 143-151.	0.4	0
86	Effects of Ultraviolet-curing conditions on the electro-optical behavior of polymer dispersed liquid crystal films. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 422, 163-172.	0.4	11
87	Electro-optical response of thiol-ene based PDLC. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 421, 165-174.	0.4	5
88	Swelling and Deswelling of Poly (<i>n</i> -butylacrylate) Networks in Isotropic and Nematic Solvents. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 411, 553-559.	0.4	7
89	Photopyroelectric Measurements of Thermal Parameters over Phase Transitions in Polymer/Liquid Crystals Systems. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 410, 163-170.	0.4	2
90	A Comparative Study of UV- and EB-Cured PDLC Films via Electro-Optical Properties. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 412, 477-483.	0.4	2

#	ARTICLE	IF	CITATIONS
91	Phase Diagrams and Thermophysical Properties of Polysiloxane and E7 Systems. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 411, 545-551.	0.4	2
92	PROPERTIES OF ELECTRON BEAM CURED REVERSE MODE PDLC FILMS. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 413, 21-27.	0.4	3
93	Light Scattering from Monomeric and Electron Beam Cured Acrylate/E7 Systems. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 409, 183-189.	0.4	1
94	A Static and Dynamic Study of the Mechanical Properties of Electron Beam Cured PDLC Films. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 412, 461-467.	0.4	6
95	Structural and dynamic single chain behaviour in a binary blend of low molecular mass poly(siloxanes) as studied by small angle neutron scattering and neutron spin echo spectroscopy. <i>Colloid and Polymer Science</i> , 2004, 282, 782-792.	1.0	0
96	Preferential solvation of the eutectic mixture of liquid crystals E7 in a polysiloxane. <i>Polymer</i> , 2004, 45, 6555-6560.	1.8	34
97	Swelling of crosslinked polyacrylates in isotropic and anisotropic solvents. <i>Journal of Applied Polymer Science</i> , 2004, 91, 1-9.	1.3	17
98	Evolution of electrooptical properties of epoxy-amine thermoset/liquid crystal blends during polymerization after the gel point of the polymer matrix. <i>Journal of Applied Polymer Science</i> , 2004, 92, 2621-2628.	1.3	4
99	Phase Behavior of Poly(butyl acrylate) Networks in Nematic Liquid Crystal Solvents. <i>Macromolecular Materials and Engineering</i> , 2004, 289, 153-157.	1.7	11
100	Static and Dynamic Mechanical Behavior of Electron Beam-Cured Monomer and Monomer/Liquid Crystal Systems. <i>Macromolecular Materials and Engineering</i> , 2004, 289, 1047-1052.	1.7	6
101	Phase Behaviour of Uncured and UV-cured (2-ethylhexylacrylate-1,6-hexanedioldiacrylate)/E7 Mixtures. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 412, 469-475.	0.4	1
102	Phase Properties of Poly(2-ethylhexylacrylate)/E7 Systems. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 412, 485-491.	0.4	1
103	UV-CURED POLYMER DISPERSED LIQUID CRYSTALS WITH NANOSIZED DROPLETS. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 413, 29-34.	0.4	5
104	POLYMER DISPERSED LIQUID CRYSTALS MADE OF DEUTERIATED POLYSTYRENE AND 8CB BLENDS: A SMALL ANGLE NEUTRON SCATTERING STUDY. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 413, 35-42.	0.4	0
105	Time Relaxation of the Light Transmission of PDLC films. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 412, 519-525.	0.4	1
106	PHYSICAL PROPERTIES OF ELECTRON BEAM-CURED TRIPROPYLENEGLYCOLDIACRYLATE AND LIQUID CRYSTAL SYSTEMS. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 413, 1-8.	0.4	3
107	Electro-Optical Properties of Electron Beam Cured Polymer Dispersed Liquid Crystal Films based on Polysiloxanes and Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 412, 493-500.	0.4	1
108	Phase diagrams of poly(siloxane)/liquid crystal blends. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003, 41, 39-43.	2.4	11

#	ARTICLE	IF	CITATIONS
109	Calorimetric studies of poly (2-phenoxyethylacrylate)/5CB mixtures. <i>Liquid Crystals</i> , 2003, 30, 487-491.	0.9	2
110	Effects of the Method of Preparation on the Molar Mass of Polymer and Phase Diagrams of Poly(2-ethylhexylacrylate)/5CB Systems. <i>Macromolecules</i> , 2003, 36, 3443-3445.	2.2	4
111	Novel Application of a Photothermal Technique on Polymer/Liquid Crystal Mixtures. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 375, 353-361.	0.4	0
112	Electro-optical Properties of EB-cured PDLC Systems. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 375, 651-658.	0.4	3
113	Electro-optics of LC-Aerosil-Photopolymer Composites. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 375, 467-480.	0.4	11
114	Polarized Light Scattering and Off-State Transmission of Electron-Beam Cured Polymer Dispersed Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 375, 321-328.	0.4	0
115	Onset and End of Transitions in PDMS/5CB Blends as Revealed by Static Light Scattering. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 375, 225-232.	0.4	1
116	Electro-Optical Properties of Polymer-Dispersed Liquid Crystals. <i>Macromolecular Rapid Communications</i> , 2002, 23, 159-170.	2.0	123
117	Mechanical Properties of Electron Beam Cured Monomer and Monomer/Liquid Crystal Films. <i>Macromolecular Materials and Engineering</i> , 2002, 287, 656-659.	1.7	7
118	Thermophysical behaviour of monofunctional acrylate and liquid crystal systems. <i>European Polymer Journal</i> , 2002, 38, 461-466.	2.6	8
119	Equilibrium phase diagram of poly(2-phenoxyethylacrylate) and 5CB. <i>Polymer</i> , 2001, 42, 1663-1667.	1.8	17
120	Effects of nematic coupling on the phase behaviour of nematogen mixtures. <i>Polymer International</i> , 2001, 50, 469-474.	1.6	10
121	Phase diagrams of poly(dimethylsiloxane) and 5CB blends. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2001, 39, 581-588.	2.4	17
122	Theoretical Phase Behavior of Crosslinked Polymers and Liquid Crystals. <i>Macromolecular Theory and Simulations</i> , 2001, 10, 63-70.	0.6	2
123	Phase Diagrams of Cured and Uncured Propoxylated Glyceroltriacylate/5CB Mixtures. <i>Macromolecular Chemistry and Physics</i> , 2001, 202, 1100-1104.	1.1	3
124	Neutron Scattering Investigations on the Statics and Dynamics of Polydimethyl- and Polyethylmethylsiloxane Melts. <i>Macromolecular Chemistry and Physics</i> , 2001, 202, 3334-3341.	1.1	3
125	Phase diagrams of poly(dimethylsiloxane)/E7 mixtures. <i>European Polymer Journal</i> , 2001, 37, 1079-1082.	2.6	9
126	Phase diagrams of monomer and uv-cured difunctional-acrylate nematic-liquid-crystal systems. <i>Physical Review E</i> , 2001, 65, 011706.	0.8	2

#	ARTICLE	IF	CITATIONS
127	Cyclic polymers in good solvents. <i>Polymer International</i> , 2000, 49, 175-183.	1.6	32
128	On the phase equilibria of nematic mixtures. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2000, 38, 478-485.	2.4	4
129	Grafting of cyclodextrins onto polypropylene nonwoven fabrics for the manufacture of reactive filters. I. Synthesis parameters. <i>Journal of Applied Polymer Science</i> , 2000, 77, 2118-2125.	1.3	61
130	Grafting of cyclodextrins onto polypropylene nonwoven fabrics for the manufacture of reactive filters. II. Characterization. <i>Journal of Applied Polymer Science</i> , 2000, 78, 2166-2173.	1.3	25
131	Equilibrium phase behavior of polymer and liquid crystal blends. <i>Macromolecular Theory and Simulations</i> , 2000, 9, 215-229.	0.6	15
132	Comparison of different methods for the determination of the molar mass and molar mass distribution of poly(ethylmethylsiloxane). <i>Macromolecular Chemistry and Physics</i> , 2000, 201, 1311-1316.	1.1	6
133	Phase behavior of electron beam cured and uncured propoxylated glyceroltriacylate/E7 mixtures. <i>Polymer Bulletin</i> , 2000, 44, 577-584.	1.7	4
134	Phase equilibrium of poly(n-butyl acrylate) and E7. <i>Liquid Crystals</i> , 2000, 27, 413-420.	0.9	23
135	PDLC films prepared by electron beam and ultraviolet curing; influence of curing conditions on the electro-optical properties. <i>Liquid Crystals</i> , 2000, 27, 421-428.	0.9	24
136	Miscibility in Cross-Linked Polymer-Solvent Systems with Nematic Interactions. <i>Macromolecules</i> , 2000, 33, 1054-1062.	2.2	15
137	Phase diagrams and morphology of polymer dispersed liquid crystals based on nematic-liquid-crystal-monofunctional-acrylate mixtures. <i>Physical Review E</i> , 2000, 62, 2310-2316.	0.8	48
138	Effect of Molecular Weight on the Phase Diagram and Thermal Properties of Poly(styrene)/8CB Mixtures. <i>Macromolecules</i> , 2000, 33, 960-967.	2.2	40
139	Synthesis of a cyclic monomer of perdeuterated poly(ethylmethylsiloxane). <i>Designed Monomers and Polymers</i> , 1999, 2, 125-134.	0.7	2
140	On the Miscibility of Crosslinked Networks and Solvents with and without Nematic Order. <i>Molecular Crystals and Liquid Crystals</i> , 1999, 330, 465-473.	0.3	2
141	Light Scattering from Poly (Acrylate)/E7 Mixtures. <i>Molecular Crystals and Liquid Crystals</i> , 1999, 329, 209-218.	0.3	1
142	Equilibrium phase diagram of polystyrene and 8CB. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1999, 37, 1841-1848.	2.4	27
143	Model phase diagrams of binary nematic mixtures. A comparative study between linear and crosslinked polymers. <i>Macromolecular Theory and Simulations</i> , 1999, 8, 479-491.	0.6	4
144	Mixtures of Polymer Networks and Nematic Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 1999, 330, 475-482.	0.3	2

#	ARTICLE	IF	CITATIONS
145	Phase Behavior of Cured and Uncured Propoxylated Glyceroltriacrylate/8CB Mixtures. <i>Macromolecules</i> , 1999, 32, 8866-8871.	2.2	6
146	On the phase behavior of blends of polymers and nematic liquid crystals. <i>Macromolecular Theory and Simulations</i> , 1998, 7, 599-611.	0.6	37
147	Photopolymerization kinetics and phase behaviour of acrylate based polymer dispersed liquid crystals. <i>Liquid Crystals</i> , 1998, 24, 555-561.	0.9	32
148	Phase Behavior of Blends of Polymers and Smectic-A Liquid Crystals. <i>Macromolecules</i> , 1998, 31, 4879-4890.	2.2	21
149	Preliminary communication Electron beam cured liquid crystal-polymer composite materials: electro-optical enhancement effect. <i>Liquid Crystals</i> , 1997, 23, 457-461.	0.9	10
150	Scattering Properties and Phase Behavior of Mixtures of Cyclic and Linear Homopolymers and Copolymers. <i>Macromolecules</i> , 1997, 30, 1168-1172.	2.2	7
151	Polymer-dispersed liquid crystal materials prepared by electron-beam-initiated polymerization. <i>Journal of Applied Polymer Science</i> , 1995, 56, 1547-1555.	1.3	34
152	Electron beam processing for polymerization induced phase separation: Preparation of polymer dispersed liquid crystal films. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1995, 105, 262-266.	0.6	5
153	Elastic coherent neutron scattering from mixtures of triblock copolymers and homopolymers in the homogeneous bulk state. <i>Macromolecules</i> , 1993, 26, 6197-6202.	2.2	3
154	Title is missing!. <i>Die Makromolekulare Chemie</i> , 1992, 193, 2453-2466.	1.1	43
155	Optical properties of electron beam- and UV-cured polypropyleneglycoldiacrylate/liquid crystal E7 systems. <i>Liquid Crystals</i> , 0, , 1-10.	0.9	1