Kenneth R Shull

List of Publications by Year
in descending order

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167 papers	9,869 citations	38742 50 h-index	38395 95 g-index
167 all docs	167 docs citations	167 times ranked	10115 citing authors

#	Article	IF	Citations
1	Photocured Simultaneous and Sequential PDMS/PMMA Interpenetrating Polymer Networks. Macromolecules, 2022, 55, 5826-5839.	4.8	7
2	Temperature dependent fracture behavior in model epoxy networks with nanoscale heterogeneity. Polymer, 2021, 221, 123560.	3.8	19
3	Exploring the effect of humidity on thermoplastic starch films using the quartz crystal microbalance. Carbohydrate Polymers, 2021, 261, 117727.	10.2	17
4	High-Throughput Screening Test for Adhesion in Soft Materials Using Centrifugation. ACS Central Science, 2021, 7, 1135-1143.	11.3	7
5	After the paint has dried: a review of testing techniques for studying the mechanical properties of artistsâ€™ paint. Heritage Science, 2021, 9, .	2.3	17
6	Impact of Network Architecture on the Microstructure of PDMS/PMMA Hybrid Elastomers. Microscopy and Microanalysis, 2021, 27, 2000-2001.	0.4	0
7	Quantifying Chemical Composition and Cross-link Effects on EPDM Elastomer Viscoelasticity with Molecular Dynamics. Macromolecules, 2021, 54, 6780-6789.	4.8	11
8	Processing Polyelectrolyte Complexes with Deep Eutectic Solvents. ACS Macro Letters, 2021, 10, 1243-1247.	4.8	0
9	Temperature-Dependent Viscoelastic Energy Dissipation and Fatigue Crack Growth in Filled Silicone Elastomers. ACS Applied Polymer Materials, 2021, 3, 6207-6217.	4.4	6
10	Bulk and Interfacial Contributions to the Adhesion of Acrylic Emulsion-Based Pressure-Sensitive Adhesives. Macromolecules, 2020, 53, 6975-6983.	4.8	13
11	Functionalizing a Polyelectrolyte Complex with Chitosan Derivatives to Tailor Membrane Surface Properties. Langmuir, 2020, 36, 12784-12794.	3.5	3
12	Tough, Transparent, Photocurable Hybrid Elastomers. ACS Applied Materials & Interfaces, 2020, 12, 44125-44136.	8.0	23
13	High-Fidelity Hydrogel Thin Films Processed from Deep Eutectic Solvents. ACS Applied Materials & Interfaces, 2020, 12, 43191-43200.	8.0	8
14	Investigations of the high-frequency dynamic properties of polymeric systems with quartz crystal resonators. Biointerphases, 2020, 15, 021012.	1.6	15
15	Control over electroless plating of silver on silica nanoparticles with sodium citrate. Journal of Colloid and Interface Science, 2020, 576, 376-384.	9.4	16
16	Sample Preparation in Quartz Crystal Microbalance Measurements of Protein Adsorption and Polymer Mechanics. Journal of Visualized Experiments, 2020, , .	0.3	4
17	High Density Display of an Anti-Angiogenic Peptide on Micelle Surfaces Enhances Their Inhibition of Î±vÎ²3 Integrin-Mediated Neovascularization In Vitro. Nanomaterials, 2020, 10, 581.	4.1	8
18	Effects of zinc oxide filler on the curing and mechanical response of alkyd coatings. Polymer, 2020, 191, 122222.	3.8	13

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19	Thermothickening Behavior of Self-Stabilized Colloids Formed from Associating Polymers. Macromolecules, 2019, 52, 4926-4933.	4.8	5
20	Self-Assembly of Charge-Containing Copolymers at the Liquidâ€“Liquid Interface. ACS Central Science, 2019, 5, 688-699.	11.3	43
21	Versatile and High-Throughput Polyelectrolyte Complex Membranes via Phase Inversion. ACS Applied Materials & Interfaces, 2019, 11, 16018-16026.	8.0	52
22	Validation of quartz crystal rheometry in the megahertz frequency regime. Journal of Polymer Science, Part B: Polymer Physics, 2019, 57, 1246-1254.	2.1	14
23	Deconvolution of Stress Interaction Effects from Atomic Force Spectroscopy Data across Polymerâ^'Particle Interfaces. Macromolecules, 2019, 52, 8940-8955.	4.8	15
24	Guanidinium Can Break and Form Strongly Associating Ion Complexes. ACS Macro Letters, 2019, 8, 117-122.	4.8	14
25	Quantitative Rheometry of Thin Soft Materials Using the Quartz Crystal Microbalance with Dissipation. Analytical Chemistry, 2018, 90, 4079-4088.	6.5	65
26	Modeling the Evolution of Crosslinked and Extractable Material in an Oilâ€Based Paint Model System. Angewandte Chemie - International Edition, 2018, 57, 7413-7417.	13.8	18
27	Sustained micellar delivery via inducible transitions in nanostructure morphology. Nature Communications, 2018, 9, 624.	12.8	76
28	Examination of Mechanisms for Formation of Volatile Aldehydes from Oxidation of Oil-Based Systems. Industrial & Engineering Chemistry Research, 2018, 57, 139-149.	3.7	11
29	AFM-based Dynamic Scanning Indentation (DSI) Method for Fast, High-resolution Spatial Mapping of Local Viscoelastic Properties in Soft Materials. Macromolecules, 2018, 51, 8964-8978.	4.8	16
30	Modeling the Evolution of Crosslinked and Extractable Material in an Oilâ€Based Paint Model System. Angewandte Chemie, 2018, 130, 7535-7539.	2.0	3
31	Energy Renormalization Method for the Coarse-Graining of Polymer Viscoelasticity. Macromolecules, 2018, 51, 3818-3827.	4.8	39
32	Tuning the Viscoelasticity of Hydrogen-Bonded Polymeric Materials through Solvent Composition. Macromolecules, 2018, 51, 3975-3982.	4.8	8
33	Oxygen Inhibition of Radical Polymerizations Investigated with the Rheometric Quartz Crystal Microbalance. Macromolecules, 2018, 51, 5511-5518.	4.8	10
34	Influence of grafting on the glass transition temperature of PS thin films. European Physical Journal E, 2017, 40, 11.	1.6	9
35	pH-Controlled Electrochemical Deposition of Polyelectrolyte Complex Films. Langmuir, 2017, 33, 1834-1844.	3.5	18
36	Solubility and interfacial segregation of salts in ternary polyelectrolyte blends. Soft Matter, 2017, 13, 4830-4840.	2.7	6

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37	High-Toughness Polycation Cross-Linked Triblock Copolymer Hydrogels. Macromolecules, 2017, 50, 3637-3646.	4.8	24
38	Theoretical Study of Epoxidation Reactions Relevant to Hydrocarbon Oxidation. Industrial & Engineering Chemistry Research, 2017, 56, 7454-7461.	3.7	13
39	Water transport and mechanical response of block copolymer ion-exchange membranes for water purification. Journal of Membrane Science, 2017, 544, 388-396.	8.2	10
40	Influence of Hydrophobicity on Polyelectrolyte Complexation. Macromolecules, 2017, 50, 9417-9426.	4.8	105
41	Fracture and thermal aging of resinâ€filled silicone elastomers. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 263-273.	2.1	13
42	Direct Molecular Evidence of the Origin of Slip of Polymer Melts on Grafted Brushes. Macromolecules, 2016, 49, 2348-2353.	4.8	22
43	Quantitative characterization of alkyd cure kinetics with the quartz crystal microbalance. Polymer, 2016, 103, 387-396.	3.8	17
44	Anodic Electrodeposition of a Cationic Polyelectrolyte in the Presence of Multivalent Anions. Langmuir, 2016, 32, 7747-7756.	3.5	15
45	Electro-Assisted Deposition of Calcium Phosphate on Self-Assembled Monolayers. Electrochimica Acta, 2016, 206, 400-408.	5.2	12
46	Microkinetic modeling of the autoxidative curing of an alkyd and oil-based paint model system. Applied Physics A: Materials Science and Processing, 2015, 121, 869-878.	2.3	22
47	Mechanical and microstructural characterization of sulfonated pentablock copolymer membranes. Journal of Polymer Science, Part B: Polymer Physics, 2015, 53, 39-47.	2.1	13
48	Viscoelastic Properties of Electrochemically Deposited Protein/Metal Complexes. Langmuir, 2015, 31, 4008-4017.	3.5	30
49	Theoretical Analysis of Multiple Phase Coexistence in Polyelectrolyte Blends. Macromolecules, 2015, 48, 6008-6015.	4.8	20
50	Micellar Morphologies of Block Copolymer Solutions near the Sphere/Cylinder Transition. Macromolecules, 2015, 48, 173-183.	4.8	14
51	Quartz crystal rheometry: A quantitative technique for studying curing and aging in artists' paints. Polymer Degradation and Stability, 2014, 107, 348-355.	5.8	12
52	Upper-critical solution temperature (UCST) polymer functionalized graphene oxide as thermally responsive ion permeable membrane for energy storage devices. Journal of Materials Chemistry A, 2014, 2, 18204-18207.	10.3	36
53	Formation and mechanical characterization of ionically crosslinked membranes at oilâ€“water interfaces. Soft Matter, 2014, 10, 1142.	2.7	8
54	High-Frequency Rheological Characterization of Homogeneous Polymer Films with the Quartz Crystal Microbalance. Langmuir, 2014, 30, 9731-9740.	3.5	33

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55	Large Deformation and Adhesive Contact Studies of Axisymmetric Membranes. Langmuir, 2013, 29, 1407-1419.	3.5	18
56	Simultaneous Determination of Critical Micelle Temperature and Micelle Core Glass Transition Temperature of Block Copolymerâ€“Solvent Systems via Pyrene-Label Fluorescence. Macromolecules, 2013, 46, 4131-4140.	4.8	18
57	Dominant Role of Molybdenum in the Electrochemical Deposition of Biological Macromolecules on Metallic Surfaces. Langmuir, 2013, 29, 4813-4822.	3.5	43
58	Challenges for Implementing Polymer Gels in Defense Applications. Conference Proceedings of the Society for Experimental Mechanics, 2013, , 125-133.	0.5	0
59	Axisymmetric peel test for adhesion measurement of polymer coatings. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 1706-1712.	2.1	8
60	Effects of Solvent Composition on the Assembly and Relaxation of Triblock Copolymer-Based Polyelectrolyte Gels. Macromolecules, 2012, 45, 1631-1635.	4.8	36
61	Extreme Strain Localization and Sliding Friction in Physically Associating Polymer Gels. Langmuir, 2012, 28, 4472-4478.	3.5	35
62	Direct measurement of the time-dependent mechanical response of HPMC and PEO compacts during swelling. International Journal of Pharmaceutics, 2012, 434, 494-501.	5.2	11
63	Electric Field Controlled Selfâ€Assembly of Hierarchically Ordered Membranes. Advanced Functional Materials, 2012, 22, 369-377.	14.9	51
64	Selfâ€Assembly: Electric Field Controlled Selfâ€Assembly of Hierarchically Ordered Membranes (Adv. Tj ETQq0 0 0 rgBT /Overlock 10 Tf	14.9	1
65	Effects of Reactive Annealing on the Structure of Poly(methacrylic acid)â€“Poly(methyl methacrylate) Diblock Copolymer Thin Films. Macromolecules, 2011, 44, 6525-6531.	4.8	9
66	Thickness-Dependent Autophobic Dewetting of Thin Polymer Films on Coated Substrates. Langmuir, 2011, 27, 201-208.	3.5	10
67	Rate-Dependent Stiffening and Strain Localization in Physically Associating Solutions. Macromolecules, 2011, 44, 932-939.	4.8	39
68	High Frequency Rheometry of Viscoelastic Coatings with the Quartz Crystal Microbalance. Langmuir, 2011, 27, 9873-9879.	3.5	26
69	Mechanics of pendant drops and axisymmetric membranes. Soft Matter, 2011, 7, 10508.	2.7	40
70	Influence of solvent size on the mechanical properties and rheology of polydimethylsiloxane-based polymeric gels. Polymer, 2011, 52, 3422-3430.	3.8	46
71	Large deformation adhesive contact mechanics of circular membranes with a flat rigid substrate. Journal of the Mechanics and Physics of Solids, 2010, 58, 1225-1242.	4.8	69
72	Effect of homopolymer solubilization on triblock gel structure and mechanical response. Journal of Polymer Science, Part B: Polymer Physics, 2010, 48, 1395-1408.	2.1	12

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73	Behavior of Gradient Copolymers at Liquid/Liquid Interfaces. Langmuir, 2010, 26, 3261-3267.	3.5	31
74	Welding Kinetics in a Miscible Blend of High-Tg and Low-Tg Polymers. Macromolecules, 2010, 43, 3392-3398.	4.8	5
75	Assembly of Nanorods into Designer Superstructures: The Role of Templating, Capillary Forces, Adhesion, and Polymer Hydration. ACS Nano, 2010, 4, 259-266.	14.6	40
76	Ionically Cross-Linked Triblock Copolymer Hydrogels with High Strength. Macromolecules, 2010, 43, 6193-6201.	4.8	359
77	Graphene Oxide Sheets at Interfaces. Journal of the American Chemical Society, 2010, 132, 8180-8186.	13.7	1,573
78	Physical properties of hierarchically ordered self-assembled planar and spherical membranes. Soft Matter, 2010, 6, 1816.	2.7	53
79	Strain Stiffening in Synthetic and Biopolymer Networks. Biomacromolecules, 2010, 11, 1358-1363.	5.4	137
80	Adhesion of DOPA-Functionalized Model Membranes to Hard and Soft Surfaces. Journal of Adhesion, 2009, 85, 631-645.	3.0	72
81	Indentation fracture of silicone gels. Journal of Materials Research, 2009, 24, 957-965.	2.6	10
82	Streptavidinâ^'Biotin Binding in the Presence of a Polymer Spacer. A Theoretical Description. Langmuir, 2009, 25, 12283-12292.	3.5	37
83	Micelle Morphology and Mechanical Response of Triblock Gels. Macromolecules, 2009, 42, 9133-9140.	4.8	24
84	Self-Consistent Field Theory of Gelation in Triblock Copolymer Solutions. Macromolecules, 2009, 42, 8513-8520.	4.8	30
85	Glass Transition Breadths and Composition Profiles of Weakly, Moderately, and Strongly Segregating Gradient Copolymers: Experimental Results and Calculations from Self-Consistent Mean-Field Theory. Macromolecules, 2009, 42, 7863-7876.	4.8	93
86	Fracture and large strain behavior of self-assembled triblock copolymer gels. Soft Matter, 2009, 5, 447-456.	2.7	120
87	Large-Strain Mechanical Behavior of Model Block Copolymer Adhesives. Macromolecules, 2009, 42, 7605-7615.	4.8	79
88	Titanium with controllable pore fractions by thermoreversible gelcasting of TiH2. Acta Materialia, 2008, 56, 5147-5157.	7.9	72
89	Drop-Shape Analysis of Receptorâ^'Ligand Binding at the Oil/Water Interface. Langmuir, 2008, 24, 2472-2478.	3.5	15
90	Self-Assembly and Adhesion of DOPA-Modified Methacrylic Triblock Hydrogels. Biomacromolecules, 2008, 9, 122-128.	5.4	146

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91	Junction-Controlled Elasticity of Single-Walled Carbon Nanotube Dispersions in Acrylic Copolymer Gels and Solutions. Macromolecules, 2008, 41, 4340-4346.	4.8	16
92	Membrane-enhanced surface acoustic wave analysis of grafted polymer brushes. Journal of Applied Physics, 2008, 103, 073517.	2.5	15
93	RELATIONSHIPS BETWEEN MOLECULAR ARCHITECTURE, LARGE-STRAIN MECHANICAL RESPONSE AND ADHESIVE PERFORMANCE OF MODEL, BLOCK COPOLYMER-BASED PRESSURE SENSITIVE ADHESIVES. Series in Sof Condensed Matter, 2008, , 221-241.	0.1	0
94	Contact measurement of internal fluid flow within poly(n-isopropylacrylamide) gels. Journal of Chemical Physics, 2007, 127, 094906.	3.0	37
95	Self-assembly of acrylic triblock hydrogels by vapor-phase solvent exchange. Soft Matter, 2007, 3, 619.	2.7	36
96	Self-Assembly and Stress Relaxation in Acrylic Triblock Copolymer Gels. Macromolecules, 2007, 40, 1218-1226.	4.8	138
97	An Interfacial Curvature Map for Homopolymer Interfaces in the Presence of Diblock Copolymers. Macromolecules, 2007, 40, 4721-4723.	4.8	5
98	Deformation and adhesive contact of elastomeric membranes. Journal of Polymer Science, Part B: Polymer Physics, 2007, 45, 3361-3374.	2.1	36
99	Quartz Crystal Microbalance Studies of the Contact between Soft, Viscoelastic Solids. Langmuir, 2006, 22, 169-173.	3.5	9
100	QCM Studies of Gel Spreading:Â Kraton Gels on Polystyrene Surfaces. Langmuir, 2006, 22, 431-439.	3.5	4
101	Contact Studies of Weakly Compressed PEG Brushes with a Quartz Crystal Resonator. Langmuir, 2006, 22, 9225-9233.	3.5	13
102	Homopolymer Solubilization and Nanoparticle Encapsulation in Diblock Copolymer Micelles. Macromolecules, 2006, 39, 3450-3457.	4.8	15
103	Rapid Gel Formation and Adhesion in Photocurable and Biodegradable Block Copolymers with High DOPA Content. Macromolecules, 2006, 39, 1740-1748.	4.8	183
104	A contact mechanics method for characterizing the elastic properties and permeability of gels. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 359-370.	2.1	57
105	Fracture and adhesion of elastomers and gels: Large strains at small length scales. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 3436-3439.	2.1	28
106	Quartz Crystal Microbalance Studies of Polymer Gels and Solutions in Liquid Environments. Analytical Chemistry, 2006, 78, 1158-1166.	6.5	33
107	Cavity nucleation and delamination during adhesive transfer of a thin viscoelastic film. Journal of Applied Physics, 2006, 99, 053523.	2.5	0
108	Adhesive Contact of a Membrane with a Hemispherical Indenter: Theoretical Analysis and Model Liquid System. Journal of Adhesion, 2006, 82, 427-446.	3.0	0

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109	Adhesive Failure of Model Acrylic Pressure Sensitive Adhesives. Journal of Adhesion, 2005, 81, 397-415.	3.0	17
110	Crosslinked hyaluronic acid hydrogels: a strategy to functionalize and pattern. Biomaterials, 2005, 26, 359-371.	11.4	326
111	Elasticity, fracture and thermoreversible gelation of highly filled physical gelsâ‹†. European Physical Journal E, 2005, 17, 477-483.	1.6	9
112	Neurotrophin releasing single and multiple lumen nerve conduits. Journal of Controlled Release, 2005, 104, 433-446.	9.9	129
113	Adhesive Transfer of Thin Viscoelastic Films. Langmuir, 2005, 21, 178-186.	3.5	6
114	Effect of Sequence Distribution on Copolymer Interfacial Activity. Macromolecules, 2005, 38, 10494-10502.	4.8	63
115	Adhesive bonding of glassy polymer surfaces by an ultrathin layer of a semicrystalline polymer. Journal of Polymer Science, Part B: Polymer Physics, 2004, 42, 3809-3821.	2.1	3
116	Deformation behavior of thin, compliant layers under tensile loading conditions. Journal of Polymer Science, Part B: Polymer Physics, 2004, 42, 4023-4043.	2.1	149
117	Thermodynamics of Polymer Blends Organized by Balanced Block Copolymer Surfactants Studied by Mean-Field Theories and Scattering. Macromolecules, 2004, 37, 7401-7417.	4.8	29
118	Dynamics of Polymer/Metal Nanocomposite Films at Short Times As Studied by X-ray Standing Waves. Macromolecules, 2004, 37, 8357-8363.	4.8	20
119	Strain Dependence of the Viscoelastic Properties of Alginate Hydrogels. Macromolecules, 2004, 37, 6153-6160.	4.8	98
120	Synthesis of 3,4-dihydroxyphenylalanine (DOPA) containing monomers and their co-polymerization with PEG-diacrylate to form hydrogels. Journal of Biomaterials Science, Polymer Edition, 2004, 15, 449-464.	3.5	106
121	Phase Segregation in Gradient Copolymer Melts. Macromolecules, 2004, 37, 1118-1123.	4.8	122
122	Contact Mechanics Studies with the Quartz Crystal Microbalance:Â Origins of the Contrast Factor for Polymer Gels and Solutions. Langmuir, 2004, 20, 7083-7089.	3.5	10
123	A thermoreversible gelcasting technique for ceramic laminates. Scripta Materialia, 2003, 48, 785-789.	5.2	10
124	Origins of Mechanical Strength and Elasticity in Thermally Reversible, Acrylic Triblock Copolymer Gels. Macromolecules, 2003, 36, 2000-2008.	4.8	77
125	Axisymmetric Adhesion Test To Examine the Interfacial Interactions between Biologically-Modified Networks and Models of the Extracellular Matrixâ€. Langmuir, 2003, 19, 1853-1860.	3.5	13
126	Effects of geometric confinement on the adhesive debonding of soft elastic solids. Physical Review E, 2003, 68, 021805.	2.1	66

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127	Contact mechanics. , 2002, , 577-604.		1
128	Interfacial Activity of Gradient Copolymers. Macromolecules, 2002, 35, 8631-8639.	4.8	99
129	Contact mechanics and the adhesion of soft solids. Materials Science and Engineering Reports, 2002, 36, 1-45.	31.8	391
130	Thermoreversible Gelcasting: A Novel Ceramic Processing Technique. Journal of the American Ceramic Society, 2002, 85, 1164-1168.	3.8	28
131	Bulk and Interfacial Contributions to the Debonding Mechanisms of Soft Adhesives:Â Extension to Large Strains. Langmuir, 2001, 17, 4948-4954.	3.5	140
132	Influence of Molecular Features on the Tackiness of Acrylic Polymer Melts. Macromolecules, 2001, 34, 7448-7458.	4.8	102
133	Adhesive and mechanical properties of soft nanocomposites: Model studies with blended latex films. Journal of Polymer Science, Part B: Polymer Physics, 2001, 39, 3090-3102.	2.1	12
134	Fracture Mechanics Studies of Adhesion in Biological Systems. Journal of Materials Science, 2000, 8, 95-110.	1.2	12
135	Deformation and failure modes of adhesively bonded elastic layers. Journal of Applied Physics, 2000, 88, 2956-2966.	2.5	206
136	Fingering Instabilities of Confined Elastic Layers in Tension. Physical Review Letters, 2000, 84, 3057-3060.	7.8	140
137	Contact Mechanics Studies with the Quartz Crystal Microbalance. Langmuir, 2000, 16, 9825-9829.	3.5	42
138	Study of the Surface Adhesion of Pressure-Sensitive Adhesives by Atomic Force Microscopy and Spherical Indenter Tests. Macromolecules, 2000, 33, 1878-1881.	4.8	59
139	Adhesion of Triblock Copolymer-Based Thermoreversible Gels and Pressure Sensitive Adhesives. Materials Research Society Symposia Proceedings, 2000, 629, 1.	0.1	1
140	Adhesive failure analysis of pressure-sensitive adhesives. Journal of Polymer Science, Part B: Polymer Physics, 1999, 37, 3455-3472.	2.1	122
141	Dynamic Properties of a Model Polymer/Metal Nanocomposite:Â Gold Particles in Poly(tert-butyl) Tj ETQq1 1 0.784314 rgBT /Overlock	4.8	103
142	Structural Development and Adhesion of Acrylic ABA Triblock Copolymer Gels. Macromolecules, 1999, 32, 7251-7262.	4.8	74
143	Adhesive and Elastic Properties of Thin Gel Layers. Langmuir, 1999, 15, 4966-4974.	3.5	21
144	Adhesive failure analysis of pressure-sensitive adhesives. , 1999, 37, 3455.		1

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145	Adhesive failure analysis of pressureâ€sensitive adhesives. Journal of Polymer Science, Part B: Polymer Physics, 1999, 37, 3455-3472.	2.1	2
146	Axisymmetric adhesion tests of soft materials. Macromolecular Chemistry and Physics, 1998, 199, 489-511.	2.2	175
147	Effects of Substrate Modification on the Interfacial Adhesion of Acrylic Elastomers. Langmuir, 1998, 14, 3646-3654.	3.5	50
148	Effects of Methylation and Neutralization of Carboxylated Poly(n-butyl acrylate) on the Interfacial and Bulk Contributions to Adhesion. Langmuir, 1998, 14, 3637-3645.	3.5	51
149	Axisymmetric adhesion tests of soft materials. Macromolecular Chemistry and Physics, 1998, 199, 489-511.	2.2	6
150	Metal-Polymer Interactions in a Polymer/Metal Nanocomposite. Physical Review Letters, 1997, 78, 5006-5009.	7.8	59
151	Finite-Size Corrections to the JKR Technique for Measuring Adhesion:Â Soft Spherical Caps Adhering to Flat, Rigid Surfaces. Langmuir, 1997, 13, 1799-1804.	3.5	42
152	Adhesion of Thermally Reversible Gels to Solid Surfaces. Langmuir, 1997, 13, 6101-6107.	3.5	49
153	Wetting Behavior of Polymer Melts on Polydisperse Grafted Polymer Layers. Macromolecules, 1996, 29, 8487-8491.	4.8	30
154	JKR Studies of Acrylic Elastomer Adhesion to Glassy Polymer Substrates. Macromolecules, 1996, 29, 4381-4390.	4.8	119
155	End-Adsorbed Polymer Brushes in High- and Low-Molecular-Weight Matrices. Macromolecules, 1996, 29, 2659-2666.	4.8	33
156	Metal particle adsorption and diffusion in a model polymer/metal composite system. Journal of Polymer Science, Part B: Polymer Physics, 1995, 33, 1417-1422.	2.1	28
157	Equilibrium Contact Angle for Polymer/Polymer Interfaces. Macromolecules, 1995, 28, 6349-6353.	4.8	45
158	Wetting autophobicity of polymer melts. Faraday Discussions, 1994, 98, 203.	3.2	85
159	Molecular Weight Effects in Chain Pullout. Macromolecules, 1994, 27, 3174-3183.	4.8	114
160	Segment distributions in lamellar diblock copolymers. Macromolecules, 1993, 26, 3929-3936.	4.8	150
161	Interfacial phase transitions in block copolymer/homopolymer blends. Macromolecules, 1993, 26, 2346-2360.	4.8	89
162	Vanishing interfacial tension in an immiscible polymer blend. Journal of Chemical Physics, 1992, 97, 2095-2104.	3.0	58

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163	Interfacial segregation in two-phase polymer blends with diblock copolymer additives: the effect of homopolymer molecular weight. Macromolecules, 1992, 25, 220-225.	4.8	101
164	Mean-field theory of block copolymers: bulk melts, surfaces, and thin films. Macromolecules, 1992, 25, 2122-2133.	4.8	189
165	Theory of endâ€adsorbed polymer brushes in polymeric matrices. Journal of Chemical Physics, 1991, 94, 5723-5738.	3.0	169
166	Segregation of block copolymers to interfaces between immiscible homopolymers. Macromolecules, 1990, 23, 4780-4787.	4.8	217
167	Mean-field theory of polymer interfaces in the presence of block copolymers. Macromolecules, 1990, 23, 4769-4779.	4.8	180