

Dimitris Vlassopoulos

List of Publications by Year in descending order

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261
papers

10,231
citations

32410

55
h-index

60403

85
g-index

270
all docs

270
docs citations

270
times ranked

6665
citing authors

#	ARTICLE	IF	CITATIONS
1	Decoding the steady elongational viscosity of monodisperse linear polymers using tube-based modeling. <i>Journal of Rheology</i> , 2022, 66, 197-218.	1.3	2
2	Underlying mechanism of shear-banding in soft glasses of charged colloidal rods with orientational domains. <i>Journal of Rheology</i> , 2022, 66, 365-373.	1.3	3
3	Complete Dynamic Phase Diagram of a Supramolecular Polymer. <i>Macromolecules</i> , 2022, 55, 2609-2614.	2.2	5
4	Glasses and gels: a crossroad of molecular liquids, polymers and colloids. <i>Journal of Physics Condensed Matter</i> , 2022, 34, 090401.	0.7	0
5	Tunable dynamic properties of hydrogen-bonded supramolecular assemblies in solution. <i>Progress in Polymer Science</i> , 2021, 112, 101321.	11.8	13
6	Multi-scale Structure and Dynamics of Dendronized Polymers with Varying Generations. <i>Macromolecules</i> , 2021, 54, 235-248.	2.2	10
7	The influence of arm composition on the self-assembly of low-functionality telechelic star polymers in dilute solutions. <i>Colloid and Polymer Science</i> , 2021, 299, 497-507.	1.0	4
8	Stabilization of Supramolecular Polymer Phase at High Pressures. <i>ACS Macro Letters</i> , 2021, 10, 321-326.	2.3	3
9	Nonlinear Shear Rheology of Entangled Polymer Rings. <i>Macromolecules</i> , 2021, 54, 2811-2827.	2.2	51
10	Wall slip in primitive chain network simulations of shear startup of entangled polymers and its effect on the shear stress undershoot. <i>Journal of Rheology</i> , 2021, 65, 213-223.	1.3	5
11	Suspensions of Soft Colloidal Particles. , 2021, , 227-290.		3
12	Dynamic mechanical analysis with torsional rectangular geometry: A critical assessment of constrained warping models. <i>Journal of Rheology</i> , 2021, 65, 325-335.	1.3	8
13	Layers of Distinct Mobility in Densely Grafted Dendrimer Arborescent Polymer Hybrids. <i>Physical Review Letters</i> , 2021, 126, 207802.	2.9	7
14	Nonlinear rheometry of entangled polymeric rings and ring-linear blends. <i>Journal of Rheology</i> , 2021, 65, 695-711.	1.3	24
15	Effect of softness on glass melting and re-entrant solidification in mixtures of soft and hard colloids. <i>Journal of Chemical Physics</i> , 2021, 155, 034901.	1.2	6
16	Competition between shear and biaxial extensional viscous dissipation in the expansion dynamics of Newtonian and rheo-thinning liquid sheets. <i>Physics of Fluids</i> , 2021, 33, 073109.	1.6	2
17	Internal Microstructure Dictates Interactions of Polymer-grafted Nanoparticles in Solution. <i>Macromolecules</i> , 2021, 54, 7234-7243.	2.2	6
18	Entangled linear polymers in fast shear flows: Comparison of tube-model predictions and experimental data. <i>Journal of Rheology</i> , 2021, 65, 1111-1137.	1.3	4

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19	Universal Polymeric-to-Colloidal Transition in Melts of Hairy Nanoparticles. <i>ACS Nano</i> , 2021, 15, 16697-16708.	7.3	23
20	Instabilities in freely expanding sheets of associating viscoelastic fluids. <i>Soft Matter</i> , 2021, 17, 10935-10945.	1.2	0
21	Tunable Hydrogels with Improved Viscoelastic Properties from Hybrid Polypeptides. <i>Macromolecules</i> , 2021, 54, 10786-10800.	2.2	10
22	Linear Viscoelastic Response of Comb/Linear Polymer Blends: A Three-Step Relaxation Process. <i>Macromolecules</i> , 2021, 54, 11047-11060.	2.2	3
23	Bulk rheometry at high frequencies: a review of experimental approaches. <i>Rheologica Acta</i> , 2020, 59, 1-22.	1.1	32
24	Threading–Unthreading Transition of Linear-Ring Polymer Blends in Extensional Flow. <i>ACS Macro Letters</i> , 2020, 9, 1452-1457.	2.3	36
25	Tuning Selectivities in Gas Separation Membranes Based on Polymer-Grafted Nanoparticles. <i>ACS Nano</i> , 2020, 14, 17174-17183.	7.3	55
26	Competitive Supramolecular Associations Mediate the Viscoelasticity of Binary Hydrogels. <i>ACS Central Science</i> , 2020, 6, 1401-1411.	5.3	22
27	Microstructural characterization of a star-linear polymer blend under shear flow by using rheo-SANS. <i>Journal of Rheology</i> , 2020, 64, 663-672.	1.3	7
28	Linear Viscoelastic Response of Unentangled Polystyrene Bottlebrushes. <i>Macromolecules</i> , 2020, 53, 3923-3932.	2.2	11
29	Stress Relaxation in Symmetric Ring-Linear Polymer Blends at Low Ring Fractions. <i>Macromolecules</i> , 2020, 53, 1685-1693.	2.2	42
30	Synthesis and characterization of low molar mass end-functionalized homo- and copolymers with ureidopyrimidone, UPy groups. <i>Colloid and Polymer Science</i> , 2020, 298, 637-651.	1.0	2
31	Static and dynamic properties of block copolymer based grafted nanoparticles across the non-ergodicity transition. <i>Physics of Fluids</i> , 2020, 32, 127101.	1.6	6
32	Biaxial extensional viscous dissipation in sheets expansion formed by impact of drops of Newtonian and non-Newtonian fluids. <i>Physical Review Fluids</i> , 2020, 5, .	1.0	7
33	Transition from Confined to Bulk Dynamics in Symmetric Star–Linear Polymer Mixtures. <i>Macromolecules</i> , 2019, 52, 5872-5883.	2.2	8
34	A high-frequency piezoelectric rheometer with validation of the loss angle measuring loop: application to polymer melts and colloidal glasses. <i>Rheologica Acta</i> , 2019, 58, 619-637.	1.1	11
35	Structure and dynamics of hagfish mucin in different saline environments. <i>Soft Matter</i> , 2019, 15, 8627-8637.	1.2	9
36	Hybrid Dendronized Polymers as Molecular Objects: Viscoelastic Properties in the Melt. <i>Macromolecules</i> , 2019, 52, 7331-7342.	2.2	8

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37	Self-Organization and Flow of Low-Functionality Telechelic Star Polymers with Varying Attraction. ACS Macro Letters, 2019, 8, 766-772.	2.3	14
38	Colloidal Jamming in Multiarm Star Polymer Melts. Macromolecules, 2019, 52, 4617-4623.	2.2	33
39	Unexpected Stretching of Entangled Ring Macromolecules. Physical Review Letters, 2019, 122, 208001.	2.9	70
40	Constraint Release Mechanisms for H-Polymers Moving in Linear Matrices of Varying Molar Masses. Macromolecules, 2019, 52, 3010-3028.	2.2	21
41	Direct Assessment of Tube Dilation in Entangled Polymers. Physical Review Letters, 2019, 122, 088001.	2.9	21
42	Molecularly Designed Interfacial Viscoelasticity by Dendronized Polymers: From Flexible Macromolecules to Colloidal Objects. ACS Nano, 2019, 13, 14217-14229.	7.3	8
43	Short and Soft: Multidomain Organization, Tunable Dynamics, and Jamming in Suspensions of Grafted Colloidal Cylinders with a Small Aspect Ratio. Langmuir, 2019, 35, 17103-17113.	1.6	5
44	Nonmonotonic Stress Relaxation after Cessation of Steady Shear Flow in Supramolecular Assemblies. Physical Review Letters, 2019, 123, 218003.	2.9	14
45	Interfacial Fourier transform shear rheometry of complex fluid interfaces. Rheologica Acta, 2019, 58, 29-45.	1.1	10
46	Physical Networks from Multifunctional Telechelic Star Polymers: A Rheological Study by Experiments and Simulations. Macromolecules, 2018, 51, 2872-2886.	2.2	17
47	Crystal-to-Crystal Transition of Ultrasoft Colloids under Shear. Physical Review Letters, 2018, 120, 078003.	2.9	29
48	Measuring and assessing first and second normal stress differences of polymeric fluids with a modular cone-partitioned plate geometry. Rheologica Acta, 2018, 57, 363-376.	1.1	29
49	Asymmetric soft-hard colloidal mixtures: Osmotic effects, glassy states and rheology. Journal of Rheology, 2018, 62, 63-79.	1.3	14
50	Viscoelastic Properties of Unentangled Multicyclic Polystyrenes. Polymers, 2018, 10, 973.	2.0	9
51	Self-Healing pH- and Enzyme Stimuli-Responsive Hydrogels for Targeted Delivery of Gemcitabine To Treat Pancreatic Cancer. Biomacromolecules, 2018, 19, 3840-3852.	2.6	47
52	Microscopic Structure, Conformation, and Dynamics of Ring and Linear Poly(ethylene oxide) Melts from Detailed Atomistic Molecular Dynamics Simulations: Dependence on Chain Length and Direct Comparison with Experimental Data. Macromolecules, 2017, 50, 2565-2584.	2.2	50
53	Dendronized Polymers with Ureidopyrimidinone Groups: An Efficient Strategy To Tailor Intermolecular Interactions, Rheology, and Fracture. Macromolecules, 2017, 50, 5176-5187.	2.2	17
54	Stress growth and relaxation of dendritically branched macromolecules in shear and uniaxial extension. Journal of Rheology, 2017, 61, 35-47.	1.3	15

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55	Rheological Link Between Polymer Melts with a High Molecular Weight Tail and Enhanced Formation of Shish-Kebabs. ACS Macro Letters, 2017, 6, 1268-1273.	2.3	26
56	Humidity affects the viscoelastic properties of supramolecular living polymers. Journal of Rheology, 2017, 61, 1173-1182.	1.3	28
57	Nonlinear shear and uniaxial extensional rheology of polyether-ester-sulfonate copolymer ionomer melts. Journal of Rheology, 2017, 61, 1279-1289.	1.3	46
58	Droplet Coalescence and Spontaneous Emulsification in the Presence of Asphaltene Adsorption. Langmuir, 2017, 33, 10501-10510.	1.6	66
59	Elastomers in large-amplitude oscillatory uniaxial extension. Rheologica Acta, 2017, 56, 955-970.	1.1	10
60	Fragility and Strength in Nanoparticle Glasses. ACS Nano, 2017, 11, 6755-6763.	7.3	64
61	Nonuniform flow in soft glasses of colloidal rods. Physical Review Fluids, 2017, 2, .	1.0	14
62	Assessment of UVA-Riboflavin Corneal Cross-Linking Using Small Amplitude Oscillatory Shear Measurements. , 2016, 57, 2240.		7
63	Analysis of dynamic mechanical response in torsion. Journal of Rheology, 2016, 60, 275-287.	1.3	25
64	Viscoelasticity and nonlinear simple shear flow behavior of an entangled asymmetric exact comb polymer solution. Journal of Rheology, 2016, 60, 451-463.	1.3	4
65	Rheological diagnostic tools for state transitions. Journal of Rheology, 2016, 60, 367-378.	1.3	2
66	Chain dimensions and dynamic dilution in branched polymers. Polymer, 2016, 96, 35-44.	1.8	12
67	Strong Physical Hydrogels from Fibrillar Supramolecular Assemblies of Poly(ethylene glycol) Functionalized Hexaphenylbenzenes. Macromolecules, 2016, 49, 3516-3525.	2.2	14
68	Shear and Extensional Rheology of Polystyrene Melts and Solutions with the Same Number of Entanglements. Macromolecules, 2016, 49, 3925-3935.	2.2	145
69	Rheology and Packing of Dendronized Polymers. Macromolecules, 2016, 49, 7054-7068.	2.2	34
70	Multiscale organization of thermoplastic elastomers with varying content of hard segments. Polymer, 2016, 107, 89-101.	1.8	22
71	Network dynamics in nanofilled polymers. Nature Communications, 2016, 7, 11368.	5.8	180
72	Dynamics of partially miscible polylactide-poly(ϵ -caprolactone) blends in the presence of cold crystallization. Rheologica Acta, 2016, 55, 657-671.	1.1	14

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73	Macromolecular topology and rheology: beyond the tube model. <i>Rheologica Acta</i> , 2016, 55, 613-632.	1.1	47
74	Tuning the Structure and Rheology of Polystyrene Particles at the Air–Water Interface by Varying the pH. <i>Langmuir</i> , 2016, 32, 6956-6966.	1.6	16
75	Analysis of Slow Modes in Ring Polymers: Threading of Rings Controls Long-Time Relaxation. <i>ACS Macro Letters</i> , 2016, 5, 755-760.	2.3	79
76	Semifluorinated Alkanes at the Air–Water Interface: Tailoring Structure and Rheology at the Molecular Scale. <i>Langmuir</i> , 2016, 32, 3139-3151.	1.6	13
77	Linear and Nonlinear Shear Rheology of a Marginally Entangled Ring Polymer. <i>Macromolecules</i> , 2016, 49, 1444-1453.	2.2	74
78	Influence of the Solvent Quality on Ring Polymer Dimensions. <i>Macromolecules</i> , 2015, 48, 1598-1605.	2.2	48
79	Perspectives on the viscoelasticity and flow behavior of entangled linear and branched polymers. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 473002.	0.7	46
80	Molecular Tracer Diffusion in Nondilute Polymer Solutions: Universal Master Curve and Glass Transition Effects. <i>Macromolecules</i> , 2015, 48, 8907-8912.	2.2	10
81	Photoswitching the mechanical properties in Langmuir layers of semifluorinated alkyl-azobenzenes at the air–water interface. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 28844-28852.	1.3	15
82	Depletion, melting and reentrant solidification in mixtures of soft and hard colloids. <i>Soft Matter</i> , 2015, 11, 8296-8312.	1.2	26
83	Synthesis and Linear Viscoelasticity of Polystyrene Stars with a Polyketone Core. <i>Macromolecules</i> , 2015, 48, 6662-6671.	2.2	11
84	Appraisal of the Cox-Merz rule for well-characterized entangled linear and branched polymers. <i>Rheologica Acta</i> , 2014, 53, 935-946.	1.1	36
85	Tunable rheology of dense soft deformable colloids. <i>Current Opinion in Colloid and Interface Science</i> , 2014, 19, 561-574.	3.4	185
86	Branch-Point Motion in Architecturally Complex Polymers: Estimation of Hopping Parameters from Computer Simulations and Experiments. <i>Macromolecules</i> , 2014, 47, 3362-3377.	2.2	18
87	Dendronized Polymers: Molecular Objects between Conventional Linear Polymers and Colloidal Particles. <i>ACS Macro Letters</i> , 2014, 3, 991-998.	2.3	62
88	Interactions in dendronized polymers: intramolecular dominates intermolecular. <i>Soft Matter</i> , 2014, 10, 1032.	1.2	16
89	A computational and experimental study of the linear and nonlinear response of a star polymer melt with a moderate number of unentangled arms. <i>Journal of Chemical Physics</i> , 2014, 141, 114907.	1.2	9
90	Molecular rheology of branched polymers: decoding and exploring the role of architectural dispersity through a synergy of anionic synthesis, interaction chromatography, rheometry and modeling. <i>Soft Matter</i> , 2014, 10, 4762.	1.2	42

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91	Pom-pom-like constitutive equations for comb polymers. <i>Journal of Rheology</i> , 2014, 58, 1855-1875.	1.3	30
92	Effects of Core Microstructure on Structure and Dynamics of Star Polymer Melts: From Polymeric to Colloidal Response. <i>Macromolecules</i> , 2014, 47, 5347-5356.	2.2	49
93	Depletion gels from dense soft colloids: Rheology and thermoreversible melting. <i>Journal of Rheology</i> , 2014, 58, 1441-1462.	1.3	15
94	Synthesis and characterization of an exact comb polyisoprene with three branches having the middle branch twice the molecular weight of the other two identical external branches. <i>Polymer Chemistry</i> , 2013, 4, 5645.	1.9	13
95	Start-up and relaxation of well-characterized comb polymers in simple shear. <i>Journal of Rheology</i> , 2013, 57, 1079-1100.	1.3	30
96	Viscosity of Ring Polymer Melts. <i>ACS Macro Letters</i> , 2013, 2, 874-878.	2.3	134
97	Viscoelasticity, Nonlinear Shear Start-up, and Relaxation of Entangled Star Polymers. <i>Macromolecules</i> , 2013, 46, 5702-5713.	2.2	35
98	Thermal melting in depletion gels of hairy nanoparticles. <i>Soft Matter</i> , 2013, 9, 9088.	1.2	8
99	Soft silicone rubber in phononic structures: Correct elastic moduli. <i>Physical Review B</i> , 2013, 88, .	1.1	42
100	Uniaxial extensional rheology of well-characterized comb polymers. <i>Journal of Rheology</i> , 2013, 57, 605-625.	1.3	72
101	Double Stress Overshoot in Start-Up of Simple Shear Flow of Entangled Comb Polymers. <i>ACS Macro Letters</i> , 2013, 2, 601-604.	2.3	29
102	Rheological detection of caging and solidâ€“liquid transitions in soft colloidâ€“polymer mixtures. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2013, 193, 11-20.	1.0	14
103	Dispersing Grafted Nanoparticle Assemblies into Polymer Melts through Flow Fields. <i>ACS Macro Letters</i> , 2013, 2, 1051-1055.	2.3	32
104	PROGRESS IN THE RHEOLOGY OF CYCLIC POLYMERS. , 2013, , 291-316.		8
105	Glassy States in Asymmetric Mixtures of Soft and Hard Colloids. <i>Physical Review Letters</i> , 2013, 111, 208301.	2.9	22
106	Linear Viscoelastic Response of Dendronized Polymers. <i>Macromolecules</i> , 2012, 45, 8813-8823.	2.2	29
107	Static and Dynamic Plasmon-Enhanced Light Scattering from Dispersions of Polymer-Grafted Silver Nanoprisms in the Bulk and Near Solid Surfaces. <i>Journal of Physical Chemistry C</i> , 2012, 116, 3888-3896.	1.5	16
108	Tailoring the properties of grafted silver nanoprism composites. <i>Polymer</i> , 2012, 53, 5771-5778.	1.8	8

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109	Bridging the gap between hard and soft colloids. <i>Soft Matter</i> , 2012, 8, 4010.	1.2	14
110	Polymer/Colloid Interactions and Soft Polymer Colloids. , 2012, , 315-338.		2
111	Thixotropy, yielding and ultrasonic Doppler velocimetry in pulp fibre suspensions. <i>Rheologica Acta</i> , 2012, 51, 201-214.	1.1	40
112	Structure and dynamics of polymer rings by neutron scattering: breakdown of the Rouse model. <i>Soft Matter</i> , 2011, 7, 11169.	1.2	66
113	Effect of the Molecular Structure on the Hierarchical Self-Assembly of Semifluorinated Alkanes at the Air/Water Interface. <i>Langmuir</i> , 2011, 27, 8776-8786.	1.6	28
114	Osmotic Interactions, Rheology, and Arrested Phase Separation of Star-Linear Polymer Mixtures. <i>Macromolecules</i> , 2011, 44, 5043-5052.	2.2	30
115	Probing glassy states in binary mixtures of soft interpenetrable colloids. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 234116.	0.7	4
116	Architectural Dispersity in Model Branched Polymers: Analysis and Rheological Consequences. <i>Macromolecules</i> , 2011, 44, 8631-8643.	2.2	48
117	Oscillatory yielding of a colloidal star glass. <i>Journal of Rheology</i> , 2011, 55, 733-752.	1.3	35
118	Cone-partitioned-plate geometry for the ARES rheometer with temperature control. <i>Journal of Rheology</i> , 2011, 55, 1167-1186.	1.3	97
119	Viscoelasticity of semifluorinated alkanes at the air/water interface. <i>Soft Matter</i> , 2011, 7, 7737.	1.2	15
120	A sequence of physical processes determined and quantified in LAOS: Application to a yield stress fluid. <i>Journal of Rheology</i> , 2011, 55, 435-458.	1.3	193
121	Melt rheology of star polymers with large number of small arms, prepared by crosslinking poly(n-butyl acrylate) macromonomers via ATRP. <i>European Polymer Journal</i> , 2011, 47, 746-751.	2.6	30
122	Constitutive equations for the flow behavior of entangled polymeric systems: Application to star polymers. <i>Journal of Chemical Physics</i> , 2011, 134, 124901.	1.2	14
123	Unique slow dynamics and aging phenomena in soft glassy suspensions of multiarm star polymers. <i>Physical Review E</i> , 2011, 83, 061402.	0.8	18
124	Osmotic shrinkage in star/linear polymer mixtures. <i>European Physical Journal E</i> , 2010, 32, 127-134.	0.7	37
125	Computer simulation of the rheology of concentrated star polymer suspensions. <i>Rheologica Acta</i> , 2010, 49, 473-484.	1.1	27
126	Slow dynamics, aging, and crystallization of multiarm star glasses. <i>Physical Review E</i> , 2010, 81, 020402.	0.8	36

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127	Viscoelasticity and extensional rheology of model Cayley-tree polymers of different generations. <i>Journal of Rheology</i> , 2010, 54, 643-662.	1.3	59
128	Stable responsive diblock copolymer micelles for rheology control. <i>Soft Matter</i> , 2010, 6, 881-891.	1.2	18
129	Dynamics and rheology of colloidal star polymers. <i>Soft Matter</i> , 2010, 6, 2825.	1.2	105
130	Rheology and Structure of Entangled Telechelic Linear and Star Polyisoprene Melts. <i>Macromolecules</i> , 2010, 43, 4401-4411.	2.2	56
131	Proposal to Solve the Time \sim Stress Discrepancy of Tube Models. <i>Macromolecules</i> , 2010, 43, 525-531.	2.2	37
132	Time-dependent rheology of colloidal star glasses. <i>Journal of Rheology</i> , 2010, 54, 133-158.	1.3	61
133	Examining the validity of strain-rate frequency superposition when measuring the linear viscoelastic properties of soft materials. <i>Journal of Rheology</i> , 2010, 54, 187-195.	1.3	31
134	Decoding the viscoelastic response of polydisperse star/linear polymer blends. <i>Journal of Rheology</i> , 2010, 54, 507-538.	1.3	38
135	Rheological fingerprinting of an aging soft colloidal glass. <i>Journal of Rheology</i> , 2010, 54, 915-939.	1.3	38
136	Frieze group analysis of asymmetric response to large-amplitude oscillatory shear. <i>Journal of Rheology</i> , 2010, 54, 859-880.	1.3	10
137	From Polymers to Colloids: Engineering the Dynamic Properties of Hairy Particles. <i>Advances in Polymer Science</i> , 2009, , 1-54.	0.4	36
138	Nonlinear rheology of model comb polymers. <i>Journal of Rheology</i> , 2009, 53, 1133-1153.	1.3	34
139	Stress Relaxation of Comb Polymers with Short Branches. <i>Macromolecules</i> , 2009, 42, 9592-9608.	2.2	63
140	Solvent-mediated pathways to gelation and phase separation in suspensions of grafted nanoparticles. <i>Soft Matter</i> , 2009, 5, 4256.	1.2	16
141	Ageing and yield behaviour in model soft colloidal glasses. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009, 367, 5051-5071.	1.6	80
142	A thermodynamically consistent model for the thixotropic behavior of concentrated star polymer suspensions. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2008, 152, 76-85.	1.0	41
143	Asymmetric caging in soft colloidal mixtures. <i>Nature Materials</i> , 2008, 7, 780-784.	13.3	116
144	Unexpected power-law stress relaxation of entangled ring polymers. <i>Nature Materials</i> , 2008, 7, 997-1002.	13.3	480

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145	Yielding behavior of repulsion- and attraction-dominated colloidal glasses. <i>Journal of Rheology</i> , 2008, 52, 649-676.	1.3	249
146	Decoding the Viscoelastic Response of Polydisperse Star-Linear Polymer Blends. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	0
147	Effect of Multiple Branch Points on Non-Linear Rheology. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	0
148	Architecturally Complex Polymers: Viscoelasticity and Extensional Rheology. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	0
149	A Rheo-optical Study of Stress-Fluctuations Coupling in a Disordered and Entangled Diblock Copolymer Solution. <i>Macromolecules</i> , 2008, 41, 3328-3338.	2.2	3
150	Viscoelastic and Dielectric Relaxation of a Cayley-Tree-Type Polyisoprene: Test of Molecular Picture of Dynamic Tube Dilation. <i>Macromolecules</i> , 2008, 41, 6110-6124.	2.2	39
151	Aging, Yielding, and Shear Banding in Soft Colloidal Glasses. <i>Physical Review Letters</i> , 2008, 100, 128304.	2.9	102
152	Viscoelasticity and shear melting of colloidal star polymer glasses. <i>Journal of Rheology</i> , 2007, 51, 297-316.	1.3	101
153	Linear Melt Rheology of Pom-Pom Polystyrenes with Unentangled Branches. <i>Macromolecules</i> , 2007, 40, 1713-1719.	2.2	59
154	Entangled Dendritic Polymers and Beyond: Rheology of Symmetric Cayley-Tree Polymers and Macromolecular Self-Assemblies. <i>Macromolecules</i> , 2007, 40, 5941-5952.	2.2	84
155	Viscoelasticity and crystallization of poly(ethylene oxide) star polymers of varying arm number and size. <i>Journal of Rheology</i> , 2007, 51, 1007-1025.	1.3	19
156	Rheological transitions in asymmetric colloidal star mixtures. <i>Rheologica Acta</i> , 2007, 46, 611-619.	1.1	18
157	Third annual European rheology conference (AERC 2006), Hersonisos, Crete, Greece, 27-29 April 2006. <i>Rheologica Acta</i> , 2007, 46, 539-539.	1.1	0
158	Yielding of colloidal glasses. <i>Europhysics Letters</i> , 2006, 75, 624-630.	0.7	163
159	Viscoelastic Behavior of Semicrystalline Thermoplastic Polymers during the Early Stages of Crystallization. <i>Macromolecules</i> , 2006, 39, 1507-1514.	2.2	59
160	A General Methodology to Predict the Linear Rheology of Branched Polymers. <i>Macromolecules</i> , 2006, 39, 6248-6259.	2.2	97
161	Signatures of Nonergodicity Transition in a Soft Colloidal System. <i>Industrial & Engineering Chemistry Research</i> , 2006, 45, 6946-6952.	1.8	20
162	Rheological Master Curves of Crystallizing Polymer Mixtures. <i>Applied Rheology</i> , 2006, 16, 132-135.	3.5	4

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163	Modifying the rheological behavior of associative triblock copolymers in aqueous media through surfactant additives. <i>Polymer</i> , 2006, 47, 7302-7311.	1.8	5
164	Commentary on the observations of solid-like rheological response in unentangled polymer melts by H. Mendil, P. Baroni, L. Noirez, D. Collin, P. Martinoty. <i>European Physical Journal E</i> , 2006, 19, 113-117.	0.7	11
165	Linear rheology of comb polymers with star-like backbones: melts and solutions. <i>Rheologica Acta</i> , 2006, 46, 273-286.	1.1	40
166	Mesoscopic Simulations of T-Induced Solidification in Dense Suspensions of Ultrasoft Supra molecules. , 2006, , 1079-1083.		0
167	Dynamics of Dense Suspensions of Star-Like Micelles with Responsive Fixed Cores. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 163-172.	1.1	27
168	Thermal vitrification in suspensions of soft colloids: Molecular dynamics simulations and comparison with experiments. <i>Physical Review E</i> , 2005, 71, 011402.	0.8	24
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