A Jeffrey Giacomin

List of Publications by Year
in descending order

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185	3,096	172457	254184
papers	citations	29	43
		h-index	g-index

206	206	206	1287
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	3D cell entrapment in crosslinked thiolated gelatin-poly(ethylene glycol) diacrylate hydrogels. Biomaterials, 2012, 33, 48-58.	11.4	158
2	Large-amplitude oscillatory shear flow from the corotational Maxwell model. Journal of Non-Newtonian Fluid Mechanics, 2011, 166, 1081-1099.	2.4	133
3	A novel sliding plate rheometer for molten plastics. Polymer Engineering and Science, 1989, 29, 499-504.	3.1	102
4	Large-Amplitude Oscillatory Shear. , 1993, , 99-121.		98
5	Exact analytical solution for large-amplitude oscillatory shear flow from Oldroyd 8-constant framework: Shear stress. Physics of Fluids, 2017, 29, .	4.0	67
6	Dilute rigid dumbbell suspensions in large-amplitude oscillatory shear flow: Shear stress response. Journal of Chemical Physics, 2014, 140, 074904.	3.0	66
7	Validity of separable BKZ model for large amplitude oscillatory shear. Journal of Rheology, 1993, 37, 811-826.	2.6	56
8	Who conceived the â€œcomplex viscosityâ€?. Rheologica Acta, 2012, 51, 481-486.	2.4	55
9	Using large-amplitude oscillatory shear. , 1998, , 327-356.		51
10	Review of die lip buildup in plastics extrusion. Polymer Engineering and Science, 1997, 37, 1113-1126.	3.1	50
11	Exact Analytical Solution for Largeâ€Amplitude Oscillatory Shear Flow. Macromolecular Theory and Simulations, 2015, 24, 352-392.	1.4	50
12	Polymer Fluid Dynamics: Continuum and Molecular Approaches. Annual Review of Chemical and Biomolecular Engineering, 2016, 7, 479-507.	6.8	46
13	Macromolecular architecture and complex viscosity. Physics of Fluids, 2019, 31, .	4.0	46
14	Network theory for polymer solutions in large amplitude oscillatory shear. Journal of Non-Newtonian Fluid Mechanics, 2008, 148, 24-32.	2.4	40
15	Common line motion III: implications in polymer extrusion. Journal of Non-Newtonian Fluid Mechanics, 1997, 71, 231-243.	2.4	39
16	A kinetic network model for nonlinear flow behavior of molten plastics in both shear and extension. Journal of Non-Newtonian Fluid Mechanics, 1997, 70, 103-123.	2.4	38
17	Viscous dissipation with fluid inertia in oscillatory shear flow. Journal of Non-Newtonian Fluid Mechanics, 1999, 86, 359-374.	2.4	38
18	Viscous heating in large-amplitude oscillatory shear flow. Physics of Fluids, 2012, 24, .	4.0	38

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19	The quasiâ€periodic nature of a polyurethane melt in oscillatory shear. Journal of Rheology, 1992, 36, 1227-1243.	2.6	37
20	Normal stress differences from Oldroyd 8-constant framework: Exact analytical solution for large-amplitude oscillatory shear flow. Physics of Fluids, 2017, 29, .	4.0	37
21	Structural network models for molten plastics evaluated in large amplitude oscillatory shear. Journal of Rheology, 1992, 36, 1529-1546.	2.6	36
22	A constitutive theory for polyolefins in large amplitude oscillatory shear. Polymer Engineering and Science, 1995, 35, 768-777.	3.1	36
23	Fluid inertia in large amplitude oscillatory shear. Rheologica Acta, 1998, 37, 365-373.	2.4	35
24	Exact solutions for oscillatory shear sweep behaviors of complex fluids from the Oldroyd 8-constant framework. Physics of Fluids, 2018, 30, .	4.0	35
25	Extruding plastic pipe from eccentric dies. Journal of Non-Newtonian Fluid Mechanics, 2015, 223, 176-199.	2.4	34
26	Normal stress differences in large-amplitude oscillatory shear flow for the corotational â€œANSRâ€• model. Rheologica Acta, 2011, 50, 741-752.	2.4	32
27	Large-amplitude oscillatory shear: comparing parallel-disk with cone-plate flow. Rheologica Acta, 2015, 54, 263-285.	2.4	32
28	Normal stress differences in large-amplitude oscillatory shear flow for dilute rigid dumbbell suspensions. Journal of Non-Newtonian Fluid Mechanics, 2015, 222, 56-71.	2.4	32
29	Coronavirus rotational diffusivity. Physics of Fluids, 2020, 32, 113101.	4.0	32
30	Nonlinear viscoelasticity of cheese. Biorheology, 1998, 35, 171-191.	0.4	30
31	Order in polymeric liquids under oscillatory shear flow. Physics of Fluids, 2019, 31, 033103.	4.0	29
32	Knuckle formation from melt elasticity in plastic pipe extrusion. Journal of Non-Newtonian Fluid Mechanics, 2017, 242, 11-22.	2.4	28
33	Exact coefficients for rigid dumbbell suspensions for steady shear flow material function expansions. Physics of Fluids, 2019, 31, 021212.	4.0	28
34	Large amplitude oscillatory shear flow: Microstructural assessment of polymeric systems. Progress in Polymer Science, 2022, 132, 101580.	24.7	27
35	A sliding plate normal thrust rheometer for molten plastics. Polymer Engineering and Science, 1994, 34, 580-584.	3.1	26
36	Startup steady shear flow from the Oldroyd 8-constant framework. Physics of Fluids, 2019, 31, .	4.0	26

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37	Best fit for differential constitutive model parameters to non-linear oscillation data. Journal of Non-Newtonian Fluid Mechanics, 1993, 47, 267-280.	2.4	25
38	Obtaining Fourier series graphically from large amplitude oscillatory shear loops. Rheologica Acta, 1993, 32, 328-332.	2.4	25
39	Macromolecular Origins of Fifth Shear Stress Harmonic in Large-Amplitude Oscillatory Shear Flow. Nihon Reoroji Gakkaishi, 2017, 44, 289-302.	1.0	24
40	Simplification of network theory for polymer melts in nonlinear oscillatory shear. AICHE Journal, 1993, 39, 846-854.	3.6	23
41	Reflections on inflections. Korea Australia Rheology Journal, 2015, 27, 267-285.	1.7	23
42	Reinforcing polypropylene with graphene-polylactic acid microcapsules for fused-filament fabrication. Materials and Design, 2021, 198, 109329.	7.0	23
43	Molecular origins of nonlinear viscoelasticity. Mikrochimica Acta, 1998, 130, 1-28.	5.0	22
44	Molecular origins of higher harmonics in large-amplitude oscillatory shear flow: Shear stress response. Physics of Fluids, 2016, 28, .	4.0	22
45	Review of nonlinear oscillatory shear flow notations and presentations: polymeric liquids. Current Opinion in Colloid and Interface Science, 2019, 43, 26-38.	7.4	22
46	Dynamic fracture toughness of polypropylene reinforced with cellulose fiber. Polymer Engineering and Science, 1997, 37, 1012-1018.	3.1	20
47	Temperature Rise in Large-Amplitude Oscillatory Shear Flow from Shear Stress Measurements. Industrial & Engineering Chemistry Research, 2013, 52, 2008-2017.	3.7	19
48	PadÃ© approximants for large-amplitude oscillatory shear flow. Rheologica Acta, 2015, 54, 679-693.	2.4	19
49	PadÃ© approximant for normal stress differences in large-amplitude oscillatory shear flow. Physics of Fluids, 2018, 30, 040910.	4.0	19
50	Peplomer bulb shape and coronavirus rotational diffusivity. Physics of Fluids, 2021, 33, 033115.	4.0	19
51	How Affine is the Entanglement Network of Molten Low-Density Polyethylene in Large Amplitude Oscillatory Shear?. Journal of Engineering Materials and Technology, Transactions of the ASME, 1994, 116, 14-18.	1.4	18
52	Can nonlinear deformation amplify subtle differences in linear viscoelasticity?. Journal of Non-Newtonian Fluid Mechanics, 1996, 66, 193-212.	2.4	18
53	Dynamic Fracture Toughness of Cellulose-Fiber-Reinforced Polypropylene: Preliminary Investigation of Microstructural Effects. Journal of Elastomers and Plastics, 1999, 31, 367-378.	1.5	18
54	Flaring dies to suppress die drool. Polymer Engineering and Science, 2000, 40, 2113-2123.	3.1	18

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55	Transient shear flow behavior of concentrated long glass fiber suspensions in a sliding plate rheometer. Journal of Non-Newtonian Fluid Mechanics, 2011, 166, 884-895.	2.4	18
56	Orientation in Large-Amplitude Oscillatory Shear. Macromolecular Theory and Simulations, 2015, 24, 181-207.	1.4	18
57	Unidirectional large-amplitude oscillatory shear flow of human blood. Physics of Fluids, 2019, 31, .	4.0	18
58	Van Gurpâ€“Palmen relations for long-chain branching from general rigid bead-rod theory. Physics of Fluids, 2020, 32, 033101.	4.0	18
59	Relating blow moldability to large amplitude oscillatory shear behavior. Polymer Engineering and Science, 1994, 34, 888-893.	3.1	17
60	Common line motion II: sliding plate rheometry. Journal of Non-Newtonian Fluid Mechanics, 1997, 71, 215-229.	2.4	17
61	Viscous dissipation of a power law fluid in axial flow between isothermal eccentric cylinders. Journal of Non-Newtonian Fluid Mechanics, 2011, 166, 133-144.	2.4	17
62	Core deflection in injection molding. Journal of Non-Newtonian Fluid Mechanics, 2011, 166, 908-914.	2.4	17
63	Fourier decomposition of polymer orientation in large-amplitude oscillatory shear flow. Structural Dynamics, 2015, 2, 024101.	2.3	17
64	Standardized Polymer Durometry. Journal of Testing and Evaluation, 2011, 39, 696-705.	0.7	17
65	Coleâ€“Cole relation for long-chain branching from general rigid beadâ€“rod theory. Physics of Fluids, 2020, 32, .	4.0	16
66	Large-amplitude oscillatory shear flow loops for long-chain branching from general rigid bead-rod theory. Physics of Fluids, 2020, 32, 053102.	4.0	16
67	Fluid Elasticity in Plastic Pipe Extrusion: Loads on Die Barrel. International Polymer Processing, 2017, 32, 648-658.	0.5	16
68	Dynamic slip and nonlinear viscoelasticity. Polymer Engineering and Science, 2000, 40, 507-524.	3.1	14
69	Sag in thermoforming. Polymer Engineering and Science, 2010, 50, 2060-2068.	3.1	14
70	Elimination of Sag in Plastic Pipe Extrusion. International Polymer Processing, 1992, 7, 140-143.	0.5	13
71	The Transition to Quasi-Periodicity for Molten Plastics in Large Amplitude Oscillatory Shear. Journal of Engineering Materials and Technology, Transactions of the ASME, 1994, 116, 446-450.	1.4	13
72	Structural network theory for a filled polymer melt in large amplitude oscillatory shear. Polymer Gels and Networks, 1995, 3, 117-133.	0.6	13

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73	AXIAL FLOW BETWEEN ECCENTRIC CYLINDERS. Polymer-Plastics Technology and Engineering, 2001, 40, 363-384.	1.9	13
74	An Ontology for Large Amplitude Oscillatory Shear Flow. AIP Conference Proceedings, 2008, , .	0.4	13
75	Invited Article: Local shear stress transduction. Review of Scientific Instruments, 2010, 81, 021301.	1.3	13
76	Die drool theory. Journal of Polymer Engineering, 2013, 33, 1-18.	1.4	13
77	Understanding Melt Index and ASTM D1238. Journal of Testing and Evaluation, 2013, 41, 20120161.	0.7	13
78	Core Deflection in Plastics Injection Molding: Direct Measurement, Flow Visualization and 3D Simulation. Polymer-Plastics Technology and Engineering, 2011, 50, 863-872.	1.9	12
79	Bubble growth from first principles. Canadian Journal of Chemical Engineering, 2016, 94, 1560-1575.	1.7	12
80	Exact-solution for cone-plate viscometry. Journal of Applied Physics, 2017, 122, 175101.	2.5	12
81	Simple Accurate Expressions for Shear Stress in Large-Amplitude Oscillatory Shear Flow. Nihon Reoroji Gakkaishi, 2017, 45, 251-260.	1.0	12
82	General rigid bead-rod theory with hydrodynamic interaction for polymer viscoelasticity. Physics of Fluids, 2022, 34, .	4.0	12
83	Simulation of Slump in Plastic Pipe Extrusion. Journal of Engineering Materials and Technology, Transactions of the ASME, 1992, 114, 81-83.	1.4	11
84	Viscoelasticity in thermoforming. Journal of Polymer Engineering, 2012, 32, 245-258.	1.4	11
85	Molecular continua for polymeric liquids in large-amplitude oscillatory shear flow. Modern Physics Letters B, 2018, 32, 1840036.	1.9	11
86	Hydrodynamic interaction for rigid dumbbell suspensions in steady shear flow. Physics of Fluids, 2019, 31, 053103.	4.0	11
87	Macromolecular tumbling and wobbling in large-amplitude oscillatory shear flow. Physics of Fluids, 2019, 31, 021214.	4.0	11
88	Complex viscosity of helical and doubly helical polymeric liquids from general rigid bead-rod theory. Physics of Fluids, 2019, 31, 111904.	4.0	11
89	A Spectral Element Simulation of Gravitational Flow During Plastic Pipe Extrusion. Journal of Engineering Materials and Technology, Transactions of the ASME, 1993, 115, 433-439.	1.4	10
90	A rheometer to measure the viscoelastic properties of polymer melts at ultrasonic frequencies. Review of Scientific Instruments, 1994, 65, 2395-2401.	1.3	10

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91	Sliding plate and sliding cylinder rheometers. , 1998, , 237-259.		10
92	Complex polymer orientation. Polymer, 2016, 104, 227-239.	3.8	10
93	Elastomers in large-amplitude oscillatory uniaxial extension. Rheologica Acta, 2017, 56, 955-970.	2.4	10
94	Exact solution for intrinsic nonlinearity in oscillatory shear from the corotational Maxwell fluid. Journal of Non-Newtonian Fluid Mechanics, 2019, 265, 53-65.	2.4	10
95	Complex viscosity of graphene suspensions. Physics of Fluids, 2021, 33, 093109.	4.0	10
96	Hydrodynamic interaction and complex viscosity of multi-bead rods. Physics of Fluids, 2022, 34, .	4.0	10
97	A single quartz crystal to measure dynamic elastic moduli at several ultrasonic frequencies. Review of Scientific Instruments, 1993, 64, 492-494.	1.3	9
98	The relation of dynamic elastic moduli, mechanical damping and mass density to the microstructure of some glass-matrix composites. Journal of Materials Science, 1994, 29, 1670-1675.	3.7	9
99	The Lodge Rubberlike Liquid Behavior for Cheese in Large Amplitude Oscillatory Shear. Applied Rheology, 2001, 11, 312-319.	5.2	9
100	Die lines in plastics extrusion: Film blowing experiments and numerical simulation. Polymer Engineering and Science, 2004, 44, 1811-1827.	3.1	9
101	Flexible blade coating. Journal of Coatings Technology Research, 2012, 9, 269-277.	2.5	9
102	Viscous dissipation in plastic pipe extrusion. Polymer Engineering and Science, 2013, 53, 2205-2218.	3.1	9
103	Suppressing shrinkage/warpage of PBT injection molded parts with fillers. Polymer Composites, 2018, 39, 2377-2384.	4.6	9
104	Thermodynamic instability of polymeric liquids in large-amplitude oscillatory shear flow from corotational Maxwell fluid. Fluid Dynamics Research, 2018, 50, 065505.	1.3	9
105	Orientation Distribution Function Pattern for Rigid Dumbbell Suspensions in Any Simple Shear Flow. Macromolecular Theory and Simulations, 2019, 28, 1800046.	1.4	9
106	Evaluation of an Upper Convected Maxwell Model for Melts in Large Amplitude Oscillatory Shear. , 1992, , 103-105.		9
107	Predicting polymer melt behavior near the inception of wall slip in oscillatory shear. Journal of Non-Newtonian Fluid Mechanics, 1994, 53, 99-111.	2.4	8
108	The Role of Temperature in the Entanglement Kinetics of a Polymer Melt. Journal of Applied Mechanics, Transactions ASME, 1995, 62, 794-801.	2.2	8

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109	Dynamic response of a shear stress transducer in the sliding plate rheometer. Journal of Non-Newtonian Fluid Mechanics, 2002, 102, 71-96.	2.4	8
110	Dimensionless Durometry. Polymer-Plastics Technology and Engineering, 2011, 50, 288-296.	1.9	8
111	Diblock copolymer architecture and complex viscosity. International Journal of Modern Physics B, 2020, 34, 2040110.	2.0	8
112	Confinement and complex viscosity. Physics of Fluids, 2021, 33, .	4.0	8
113	Flash. Polymer Engineering and Science, 2006, 46, 241-247.	3.1	7
114	Stress growth shearfree flow from the Oldroyd 8-constant framework. Physics of Fluids, 2020, 32, .	4.0	7
115	Pattern method for higher harmonics from macromolecular orientation in oscillatory shear flow. Physics of Fluids, 2020, 32, 011703.	4.0	7
116	Complex viscosity of star-branched macromolecules from analytical general rigid bead-rod theory. Physics of Fluids, 2021, 33, 093111.	4.0	7
117	Polymer melt anisotropy in biaxial shear. Journal of Rheology, 1995, 39, 267-283.	2.6	6
118	Assumed periodicity and dynamic shear stress transduction in rheometry. Journal of Rheology, 2010, 54, 835-858.	2.6	6
119	Wall slip heating. Polymer Engineering and Science, 2015, 55, 2042-2049.	3.1	6
120	Power series for shear stress of polymeric liquid in large-amplitude oscillatory shear flow. Korea Australia Rheology Journal, 2018, 30, 169-178.	1.7	6
121	Coronavirus pleomorphism. Physics of Fluids, 2022, 34, .	4.0	6
122	Technical Note: Structure dependent moduli in the contravariant derivative of structural network theories for melts. Journal of Rheology, 1993, 37, 127-132.	2.6	5
123	Wire Coating by Drawdown of an Extruded Annular Melt. International Polymer Processing, 1999, 14, 152-158.	0.5	5
124	Thermoforming triangular troughs. Polymer Engineering and Science, 2009, 49, 189-199.	3.1	5
125	Sag in commercial thermoforming. AICHE Journal, 2014, 60, 1529-1535.	3.6	5
126	Slip Heating in Die Drool with Viscous Dissipation. International Polymer Processing, 2015, 30, 141-146.	0.5	5

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127	Referee Acknowledgment for 2015. Physics of Fluids, 2016, 28, .	4.0	5
128	Referee Acknowledgment for 2016. Physics of Fluids, 2017, 29, .	4.0	5
129	Transport Phenomena in Eccentric Cylindrical Coordinates. AICHE Journal, 2017, 63, 3563-3581.	3.6	5
130	Polymer orientation contributions in large-amplitude oscillatory shear flow. Journal of Non-Newtonian Fluid Mechanics, 2017, 244, 85-103.	2.4	5
131	Referee Acknowledgment for 2017. Physics of Fluids, 2018, 30, 010201.	4.0	5
132	Degradation in cone-plate rheometry. Review of Scientific Instruments, 2018, 89, 124101.	1.3	5
133	Nonlinear core deflection in injection molding. Physics of Fluids, 2018, 30, 053102.	4.0	5
134	Referee acknowledgment for 2018. Physics of Fluids, 2019, 31, .	4.0	5
135	Small-angle light scattering in large-amplitude oscillatory shear. Physics of Fluids, 2019, 31, 103104.	4.0	5
136	Transport phenomena in bispherical coordinates. Physics of Fluids, 2019, 31, .	4.0	5
137	The complex viscosity of MÃ¶bius macromolecules. Physics of Fluids, 2020, 32, 093107.	4.0	5
138	Zero-shear viscosity of Fraenkel dumbbell suspensions. Physics of Fluids, 2020, 32, 063103.	4.0	5
139	Pattern method for higher harmonics of first normal stress difference from molecular orientation in oscillatory shear flow. Physics of Fluids, 2020, 32, 031704.	4.0	5
140	Normal Stress Differences of Human Blood in Unidirectional Large-Amplitude Oscillatory Shear Flow. Journal of Fluids Engineering, Transactions of the ASME, 2020, 142, .	1.5	5
141	Die Lines in Plastics Extrusion. Journal of Polymer Engineering, 2000, 20, .	1.4	4
142	Sheet temperature in thermoforming. Journal of Plastic Film and Sheeting, 2011, 27, 293-330.	2.2	4
143	Slip heating in die drool. Canadian Journal of Chemical Engineering, 2015, 93, 580-589.	1.7	4
144	Strain sweeps from Oldroyd 8-constant framework. , 2017, , .		4

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145	Power series for normal stress differences of polymeric liquids in large-amplitude oscillatory shear flow. Physics of Fluids, 2019, 31, .	4.0	4
146	Referee acknowledgment for 2019. Physics of Fluids, 2020, 32, 020201.	4.0	4
147	Complex viscosity of poly[n]catenanes including olympiadanes. Physics of Fluids, 2022, 34, .	4.0	4
148	POSTDIE EXTRUSION OF PLASTIC PIPE. Polymer-Plastics Technology and Engineering, 2000, 39, 23-46.	1.9	3
149	Power-law numerical solution for post-die extrusion of plastic pipe. Polymer-Plastics Technology and Engineering, 2002, 41, 1-17.	1.9	3
150	Analysis of the Normal Stress Differences of Viscoelastic Fluids under Large Amplitude Oscillatory Shear Flow. AIP Conference Proceedings, 2008, , .	0.4	3
151	Corotating or Codeforming Models for Thermoforming: Free Forming. , 2013, , .		3
152	Referee acknowledgment for 2020. Physics of Fluids, 2021, 33, 020201.	4.0	3
153	Ongoing relevance of Oldroyd 8-constant fluids. Journal of Non-Newtonian Fluid Mechanics, 2022, 299, 104653.	2.4	3
154	Melt tearing and ovality in wire coating. Polymer Engineering and Science, 2000, 40, 1862-1869.	3.1	2
155	Angular plane curtain coating by drawdown of extruded polymer. Journal of Coatings Technology, 2000, 72, 63-68.	0.7	2
156	Wire Coating Under Vacuum. Journal of Engineering Materials and Technology, Transactions of the ASME, 2001, 123, 100-105.	1.4	2
157	Sheet coating by drawdown of extruded polymer. Journal of Coatings Technology, 2001, 73, 127-134.	0.7	2
158	Blotching in roll coating. Journal of Coatings Technology Research, 2011, 8, 67-74.	2.5	2
159	A new dual-plate slipometer for measuring slip between molten polymers and extrusion die materials. Review of Scientific Instruments, 2014, 85, 045119.	1.3	2
160	Series expansion for normal stress differences in large-amplitude oscillatory shear flow from Oldroyd 8-constant framework. Physics of Fluids, 2020, 32, .	4.0	2
161	Exact Analytical Durometer Hardness Scale Interconversion. Journal of Testing and Evaluation, 2018, 46, 1995-2032.	0.7	2
162	Viscoelastic Properties of Aircraft Tire Materials. Tire Science and Technology, 1990, 18, 262-281.	0.4	2

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163	Sliding Plate and Sliding Cylinder Rheometers. , 1993, , 383-404.		2
164	Referee acknowledgment for 2021. Physics of Fluids, 2022, 34, 020201.	4.0	2
165	The use of the Piezoelectric Composite Oscillator Technique for Measuring the Viscoelasticity of Liquid Crystals. Materials Research Society Symposia Proceedings, 1989, 152, 289.	0.1	1
166	Measuring the viscoelastic properties of an ethylene4-tetrafluoroethylene copolymer at ultrasonic frequncies. Polymer Engineering and Science, 1995, 35, 1053-1060.	3.1	1
167	Angular Wire Coating by Drawdown of an Extruded Melt. Polymer-Plastics Technology and Engineering, 1999, 38, 869-881.	1.9	1
168	Power Law Model for Tube Coating of Wire. Journal of Polymer Engineering, 2000, 20, .	1.4	1
169	Sheet bowing in thermoforming. Polymer Engineering and Science, 2011, 51, 2571-2577.	3.1	1
170	Temperature rise in a verging annular die. Journal of Polymer Engineering, 2016, 36, 735-750.	1.4	1
171	Die Drool and Polymer Degradation. Polymer-Plastics Technology and Engineering, 2016, 55, 242-258.	1.9	1
172	Plastic pipe solidification in extrusion. Journal of Polymer Engineering, 2018, 38, 591-603.	1.4	1
173	Continuum mechanics of shear stress growth. AIP Conference Proceedings, 2019, , .	0.4	1
174	Degradation in parallel-disk rheometry. Rheologica Acta, 2019, 58, 291-305.	2.4	1
175	Publish-or-Perish Postscripts. Physics Today, 2005, 58, 12-12.	0.3	0
176	Die drool and die drool theory. , 2013, , .		0
177	Converging shear rheometer. Korea Australia Rheology Journal, 2014, 26, 127-139.	1.7	0
178	Die drool and polymer degradation. AIP Conference Proceedings, 2015, , .	0.4	0
179	Cooling and annealing of plastic pipe. Thermal Science and Engineering Progress, 2021, 25, 100970.	2.7	0
180	Real-time Neutron Radiography of Injection Mold Filling. International Polymer Processing, 1993, 8, 360-364.	0.5	0

#	Article	IF	Citations
181	10.1063/1.5027617.1. , 2018, , .		0
182	10.1063/5.0094771.6. , 2022, , .		0
183	10.1063/5.0094771.2. , 2022, , .		0
184	10.1063/5.0094771.5. , 2022, , .		0
185	10.1063/5.0094771.4. , 2022, , .		0