Gerrit Peters

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1057028/publications.pdf

Version: 2024-02-01

153	6,620	57758	79698
papers	citations	44 h-index	73 g-index

156	156	156	3910
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Differential constitutive equations for polymer melts: The extended Pomâ€“Pom model. Journal of Rheology, 2001, 45, 823-843.	2.6	256
2	Structure, Deformation, and Failure of Flow-Oriented Semicrystalline Polymers. Macromolecules, 2004, 37, 8618-8633.	4.8	234
3	Structureâ€“property relations in molded, nucleated isotactic polypropylene. Polymer, 2009, 50, 2304-2319.	3.8	198
4	Towards a rheological classification of flow induced crystallization experiments of polymer melts. Rheologica Acta, 2004, 44, 119-134.	2.4	187
5	Crystallization and Dissolution of Flow-Induced Precursors. Physical Review Letters, 2008, 100, 048302.	7.8	181
6	Development and Validation of a Recoverable Strain-Based Model for Flow-Induced Crystallization of Polymers. Macromolecular Theory and Simulations, 2001, 10, 447-460.	1.4	174
7	Linear viscoelastic behavior of subcutaneous adipose tissue. Biorheology, 2008, 45, 677-688.	0.4	174
8	Saturation of Pointlike Nuclei and the Transition to Oriented Structures in Flow-Induced Crystallization of Isotactic Polypropylene. Macromolecules, 2009, 42, 5728-5740.	4.8	163
9	Strong decrease in viscosity of nanoparticle-filled polymer melts through selective adsorption. Soft Matter, 2008, 4, 1848.	2.7	158
10	Rheology and reptation of linear polymers. Ultrahigh molecular weight chain dynamics in the melt. Journal of Rheology, 2004, 48, 663-678.	2.6	129
11	Viscoelastic flow past a confined cylinder of a low density polyethylene melt. Journal of Non-Newtonian Fluid Mechanics, 1997, 68, 173-203.	2.4	122
12	Quantification of non-isothermal, multi-phase crystallization of isotactic polypropylene: The influence of cooling rate and pressure. Polymer, 2012, 53, 4758-4769.	3.8	118
13	Polymer crystallization studies under processing-relevant conditions at the SAXS/WAXS DUBBLE beamline at the ESRF. Journal of Applied Crystallography, 2013, 46, 1681-1689.	4.5	111
14	Crystallization and Precursors during Fast Short-Term Shear. Macromolecules, 2009, 42, 2088-2092.	4.8	104
15	Modelling of non-isothermal viscoelastic flows. Journal of Non-Newtonian Fluid Mechanics, 1997, 68, 205-224.	2.4	98
16	Viscoelastic analysis of complex polymer melt flows using the eXtended Pomâ€“Pom model. Journal of Non-Newtonian Fluid Mechanics, 2002, 108, 301-326.	2.4	94
17	Flow Induced Crystallization in Isotactic Polypropyleneâˆ’1,3:2,4-Bis(3,4-dimethylbenzylidene)sorbitol Blends:â€‰ Implications on Morphology of Shear and Phase Separation. Macromolecules, 2008, 41, 399-408.	4.8	94
18	Self-Nucleation of Polymers with Flow: The Case of Bimodal Polyethylene. Macromolecules, 2011, 44, 2926-2933.	4.8	81

#	Article	IF	Citations
19	Stability analysis of polymer shear flows using the eXtended Pomâ€“Pom constitutive equations. Journal of Non-Newtonian Fluid Mechanics, 2002, 108, 187-208.	2.4	79
20	Glass transition temperature versus structure of polyamide 6: A flash-DSC study. Thermochimica Acta, 2017, 657, 110-122.	2.7	79
21	Model Development and Validation of Crystallization Behavior in Injection Molding Prototype Flows. Macromolecular Theory and Simulations, 2009, 18, 469-494.	1.4	74
22	Influence of cooling rate on pVT-data of semicrystalline polymers. Journal of Applied Polymer Science, 2001, 82, 1170-1186.	2.6	72
23	Quantification of non-isothermal, multi-phase crystallization of isotactic polypropylene: The influence of shear and pressure. Polymer, 2012, 53, 5896-5908.	3.8	66
24	Electrospinning poly(Îµ-caprolactone) under controlled environmental conditions: Influence on fiber morphology and orientation. Polymer, 2015, 63, 189-195.	3.8	65
25	Numerical simulations of the planar contraction flow for a polyethylene melt using the XPP model. Journal of Non-Newtonian Fluid Mechanics, 2004, 117, 73-84.	2.4	64
26	Short-Term Flow Induced Crystallization in Isotactic Polypropylene: How Short Is Short?. Macromolecules, 2013, 46, 9249-9258.	4.8	64
27	Viscoelastic flow past a confined cylinder of a polyisobutylene solution. Journal of Rheology, 1995, 39, 1243-1277.	2.6	62
28	On the performance of enhanced constitutive models for polymer melts in a cross-slot flow. Journal of Non-Newtonian Fluid Mechanics, 1999, 82, 387-427.	2.4	62
29	Stability analysis of injection molding flows. Journal of Rheology, 2004, 48, 765-785.	2.6	62
30	Modeling of Flow-Induced Crystallization of Particle-Filled Polymers. Macromolecules, 2006, 39, 8389-8398.	4.8	61
31	The effect of surfactant on the stability of a fluid filament embedded in a viscous fluid. Journal of Fluid Mechanics, 1999, 382, 331-349.	3.4	59
32	Pressure Quench of Flow-Induced Crystallization Precursors. Macromolecules, 2012, 45, 4216-4224.	4.8	56
33	Influence of Shear Flow on the Specific Volume and the Crystalline Morphology of Isotactic Polypropylene. Macromolecules, 2006, 39, 1805-1814.	4.8	55
34	A stretch-based model for flow-enhanced nucleation of polymer melts. Journal of Rheology, 2011, 55, 401-433.	2.6	54
35	Oriented Gamma Phase in Isotactic Polypropylene Homopolymer. ACS Macro Letters, 2012, 1, 618-622.	4.8	54
36	Molecular Aspects of the Formation of Shish-Kebab in Isotactic Polypropylene. Macromolecules, 2016, 49, 3799-3809.	4.8	54

#	Article	IF	Citations
37	Numerical analysis of flow mark surface defects in injection molding flow. Journal of Rheology, 2002, 46, 651-669.	2.6	52
38	An adaptive front tracking technique for three-dimensional transient flows. International Journal for Numerical Methods in Fluids, 2000, 32, 201-217.	1.6	51
39	Stability analysis of constitutive equations for polymer melts in viscometric flows. Journal of Non-Newtonian Fluid Mechanics, 2002, 103, 221-250.	2.4	48
40	Stress Induced Crystallization in Elongational Flow. International Polymer Processing, 2003, 18, 53-66.	0.5	47
41	Flow-induced crystallization regimes and rheology of isotactic polypropylene. Journal of Thermal Analysis and Calorimetry, 2009, 98, 655-666.	3.6	47
42	A 3D numerical/experimental study on a stagnation flow of a polyisobutylene solution. Journal of Non-Newtonian Fluid Mechanics, 1998, 79, 529-561.	2.4	46
43	Crystallinity and Linear Rheological Properties of Polymers. International Polymer Processing, 2007, 22, 303-310.	0.5	46
44	Thermoreversible DMDBS Phase Separation in iPP: The Effects of Flow on the Morphology. Macromolecules, 2008, 41, 5350-5355.	4.8	45
45	Flow induced crystallization in isotactic polypropylene during and after flow. Polymer, 2014, 55, 6140-6151.	3.8	45
46	Buffers Strongly Modulate Fibrin Self-Assembly into Fibrous Networks. Langmuir, 2017, 33, 6342-6352.	3.5	45
47	A 3-D finite element model for gas-assisted injection molding: Simulations and experiments. Polymer Engineering and Science, 2001, 41, 449-465.	3.1	44
48	Flow-induced crystallization of propylene/ethylene random copolymers. Journal of Thermal Analysis and Calorimetry, 2009, 98, 693-705.	3.6	44
49	The Applicability of the Time/Temperature Superposition Principle to Brain Tissue. Biorheology, 1997, 34, 127-138.	0.4	43
50	3D Viscoelastic analysis of a polymer solution in a complex flow. Computer Methods in Applied Mechanics and Engineering, 1999, 180, 413-430.	6.6	43
51	Continuum model for the simulation of fiber spinning, with quiescent and flow-induced crystallization. Journal of Non-Newtonian Fluid Mechanics, 2008, 150, 177-195.	2.4	43
52	Dissolution and Re-emergence of Flow-Induced Shish in Polyethylene with a Broad Molecular Weight Distribution. Macromolecules, 2016, 49, 2724-2730.	4.8	43
53	Flow-induced crystallization of isotactic polypropylene: Modeling formation of multiple crystal phases and morphologies. Polymer, 2016, 89, 69-80.	3.8	42
54	Quantification of isothermal crystallization of polyamide 12: Modelling of crystallization kinetics and phase composition. Polymer, 2018, 155, 187-198.	3.8	41

#	Article	IF	Citations
55	Mixing of non-Newtonian fluids in time-periodic cavity flows. Journal of Non-Newtonian Fluid Mechanics, 2000, 93, 265-286.	2.4	40
56	Constitutive modeling of dispersive mixtures. Journal of Rheology, 2001, 45, 659-689.	2.6	39
57	A constitutive model for developing blood clots with various compositions and their nonlinear viscoelastic behavior. Biomechanics and Modeling in Mechanobiology, 2016, 15, 279-291.	2.8	39
58	Multimorphological Crystallization of Shish-Kebab Structures in Isotactic Polypropylene: Quantitative Modeling of Parentâ€"Daughter Crystallization Kinetics. Macromolecules, 2014, 47, 5152-5162.	4.8	38
59	Characteristics of Bimodal Polyethylene Prepared via Coâ€immobilization of Chromium and Iron Catalysts on an MgCl₂â€Based Support. Macromolecular Reaction Engineering, 2009, 3, 448-454.	1.5	37
60	Does subcutaneous adipose tissue behave as an (anti-)thixotropic material?. Journal of Biomechanics, 2010, 43, 1153-1159.	2.1	37
61	Rateâ€, temperatureâ€, and structureâ€dependent yield kinetics of isotactic polypropylene. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 1438-1451.	2.1	37
62	An experimental and numerical investigation of a viscoelastic flow around a cylinder. Journal of Rheology, 1994, 38, 351-376.	2.6	36
63	The Influence of Cooling Rate on the Specific Volume of Isotactic Poly(propylene) at Elevated Pressures. Macromolecular Materials and Engineering, 2005, 290, 443-455.	3.6	36
64	High-Stress Shear-Induced Crystallization in Isotactic Polypropylene and Propylene/Ethylene Random Copolymers. Macromolecules, 2013, 46, 2671-2680.	4.8	36
65	Influence of post-condensation on the crystallization kinetics of PA12: From virgin to reused powder. Polymer, 2019, 175, 161-170.	3.8	36
66	Chaotic fluid mixing in non-quasi-static time-periodic cavity flows. International Journal of Heat and Fluid Flow, 2000, 21, 176-185.	2.4	35
67	Processing-induced Properties in Glassy Polymers. International Polymer Processing, 2005, 20, 170-177.	0.5	35
68	Modeling flow-induced crystallization in isotactic polypropylene at high shear rates. Journal of Rheology, 2015, 59, 613-642.	2.6	35
69	Prediction of plasticityâ€controlled failure in polyamide 6: Influence of temperature and relative humidity. Journal of Applied Polymer Science, 2018, 135, 45942.	2.6	35
70	Suspension-based rheological modeling of crystallizing polymer melts. Rheologica Acta, 2008, 47, 643-665.	2.4	34
71	Structure evolution during film blowing: An experimental study using in-situ small angle X-ray scattering. European Polymer Journal, 2016, 74, 190-208.	5.4	34
72	The prediction of mechanical performance of isotactic polypropylene on the basis of processing conditions. Polymer, 2016, 83, 116-128.	3.8	34

#	Article	IF	Citations
73	The influence of flow-induced crystallization on the impact toughness of highâ€density polyethylene. Macromolecular Symposia, 2002, 185, 89-102.	0.7	33
74	A recoverable strain-based model for flowâ€induced crystallization. Macromolecular Symposia, 2002, 185, 277-292.	0.7	32
75	A Dilatometer to Measure the Influence of Cooling Rate and Melt Shearing on Specific Volume. International Polymer Processing, 2005, 20, 111-120.	0.5	32
76	Structure Development of Low-Density Polyethylenes During Film Blowing: A Real-Time Wide-Angle X-ray Diffraction Study. Macromolecular Materials and Engineering, 2014, 299, 1494-1512.	3.6	32
77	Full Characterization of Multiphase, Multimorphological Kinetics in Flow-Induced Crystallization of IPP at Elevated Pressure. Macromolecules, 2017, 50, 3868-3882.	4.8	32
78	Processing-induced properties in glassy polymers: Application of structural relaxation to yield stress development. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 1212-1225.	2.1	30
79	Numerical simulation of the fountain flow instability in injection molding. Journal of Non-Newtonian Fluid Mechanics, 2010, 165, 631-640.	2.4	30
80	Flowâ€enhanced Crystallization Kinetics of i<scp>PP</scp> during Cooling at Elevated Pressure: Characterization, Validation, and Development. Macromolecular Theory and Simulations, 2013, 22, 309-318.	1.4	30
81	A global, multi-scale simulation of laminar fluid mixing: the extended mapping method. International Journal of Multiphase Flow, 2002, 28, 497-523.	3.4	29
82	Film drainage between two captive drops: PEOâ€“water in silicon oil. Journal of Colloid and Interface Science, 2003, 266, 195-201.	9.4	29
83	Numerical simulation of planar elongational flow of concentrated rigid particle suspensions in a viscoelastic fluid. Journal of Non-Newtonian Fluid Mechanics, 2008, 150, 65-79.	2.4	29
84	A Novel Dilatometer for PVT Measurements of Polymers at High Cooling â€“ and Shear Rates. International Polymer Processing, 2009, 24, 114-121.	0.5	28
85	A Design to Study Flow Induced Crystallization in a Multipass Rheometer. International Polymer Processing, 2009, 24, 185-197.	0.5	28
86	Deformation and failure kinetics of iPP polymorphs. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 729-747.	2.1	27
87	Mechanical Performance of Injectionâ€Molded Poly(propylene): Characterization and Modeling. Macromolecular Materials and Engineering, 2013, 298, 348-358.	3.6	26
88	Flow-enhanced nucleation of poly(1-butene): Model application to short-term and continuous shear and extensional flow. Journal of Rheology, 2013, 57, 1633-1653.	2.6	26
89	Film drainage and interfacial instabilities in polymeric systems with diffuse interfaces. Journal of Colloid and Interface Science, 2006, 296, 86-94.	9.4	25
90	Flowâ€Induced Morphology of iPP Solidified in a Shear Device. Macromolecular Materials and Engineering, 2012, 297, 60-67.	3.6	25

#	Article	IF	Citations
91	Suspension-like hardening behavior of HDPE and time-hardening superposition. Rheologica Acta, 2012, 51, 97-109.	2.4	25
92	Structureâ€“Properties Relations for Polyamide 6, Part 1: Influence of the Thermal History during Compression Moulding on Deformation and Failure Kinetics. Polymers, 2018, 10, 710.	4.5	25
93	A Model for Flowâ€enhanced Nucleation Based on Fibrillar Dormant Precursors. Macromolecular Theory and Simulations, 2011, 20, 93-109.	1.4	24
94	Characterization of the primary and secondary crystallization kinetics of a linear low-density polyethylene in quiescent- and flow-conditions. Polymer, 2015, 76, 254-270.	3.8	24
95	Selfâ€Regulation in Flowâ€Induced Structure Formation of Polypropylene. Macromolecular Rapid Communications, 2015, 36, 385-390.	3.9	24
96	X-ray irradiation induced reduction and nanoclustering of lead in borosilicate glass. CrystEngComm, 2014, 16, 9331-9339.	2.6	23
97	Anomalous Temperature Dependence of Isotactic Polypropylene Î±-on-Î² Cross-Nucleation Kinetics. Crystal Growth and Design, 2017, 17, 4936-4943.	3.0	22
98	Deformation-Induced Phase Transitions in iPP Polymorphs. Polymers, 2017, 9, 547.	4.5	22
99	Multilayer Injection Molding. International Polymer Processing, 1991, 6, 42-50.	0.5	21
100	Using rheometry to determine nucleation density in a colored system containing a nucleating agent. Rheologica Acta, 2011, 50, 909-915.	2.4	21
101	A Constitutive Model for a Maturing Fibrin Network. Biophysical Journal, 2014, 107, 504-513.	0.5	21
102	Classifying the Combined Influence of Shear Rate, Temperature, and Pressure on Crystalline Morphology and Specific Volume of Isotactic (Poly)propylene. Macromolecules, 2006, 39, 9278-9284.	4.8	20
103	A numerical method for simulating concentrated rigid particle suspensions in an elongational flow using a fixed grid. Journal of Computational Physics, 2007, 226, 688-711.	3.8	20
104	Unusual Melting Behavior in Flow Induced Crystallization of LLDPE: Effect of Pressure. Macromolecules, 2015, 48, 2551-2560.	4.8	20
105	Modelling flow induced crystallization of IPP: Multiple crystal phases and morphologies. Polymer, 2019, 182, 121806.	3.8	20
106	Confined Flow of Polymer Blends. Langmuir, 2008, 24, 4494-4505.	3.5	19
107	Time dependent finite element analysis of the linear stability of viscoelastic flows with interfaces. Journal of Non-Newtonian Fluid Mechanics, 2003, 116, 33-54.	2.4	18
108	Improved experimental characterization of crystallization kinetics. European Polymer Journal, 2005, 41, 2297-2302.	5.4	17

#	Article	IF	Citations
109	Physical aging in polycarbonate nanocomposites containing grafted nanosilica particles: A comparison between enthalpy and yield stress evolution. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 2069-2081.	2.1	17
110	A new approach for calculating the true stress response from large amplitude oscillatory shear (LAOS) measurements using parallel plates. Rheologica Acta, 2014, 53, 75-83.	2.4	16
111	Effect of Self-Assembly of Oxalamide Based Organic Compounds on Melt Behavior, Nucleation, and Crystallization of Isotactic Polypropylene. Macromolecules, 2018, 51, 4882-4895.	4.8	16
112	Effect of shear rate and pressure on the crystallization of PP nanocomposites and PP/PET polymer blend nanocomposites. Polymer, 2020, 186, 121950.	3.8	16
113	Anisotropy parameter restrictions for the eXtended Pom-Pom model. Journal of Non-Newtonian Fluid Mechanics, 2010, 165, 1047-1054.	2.4	15
114	The effect of pressure pulses on isotactic polypropylene crystallization. European Polymer Journal, 2015, 71, 185-195.	5.4	15
115	Volumetric rheology of polymers. Journal of Thermal Analysis and Calorimetry, 2009, 98, 683-691.	3.6	14
116	Effects of partial miscibility on drop-wall and drop-drop interactions. Journal of Rheology, 2010, 54, 159-183.	2.6	14
117	Dynamics of fibrillar precursors of shishes as a function of stress. IOP Conference Series: Materials Science and Engineering, 2010, 14, 012005.	0.6	13
118	Modeling Crystallization Kinetics and Resulting Properties of Polyamide 6. Macromolecules, 2021, 54, 1894-1904.	4.8	13
119	Birefringence measurements on polymer melts in an axisymmetric flow cell. Rheologica Acta, 2002, 41, 114-133.	2.4	12
120	Flow-induced crystallization studied in the RheoDSC device: Quantifying the importance of edge effects. Rheologica Acta, 2015, 54, 1-8.	2.4	12
121	Cross-Nucleation between Polymorphs: Quantitative Modeling of Kinetics and Morphology. Crystal Growth and Design, 2018, 18, 3921-3926.	3.0	12
122	Effect of Thermal History and Shear on the Viscoelastic Response of iPP Containing an Oxalamide-Based Organic Compound. Macromolecules, 2019, 52, 2789-2802.	4.8	12
123	Transient interfacial tension and dilatational rheology of diffuse polymer-polymer interfaces. Journal of Chemical Physics, 2005, 122, 104901.	3.0	11
124	Real-Time Fast Structuring of Polymers Using Synchrotron WAXD/SAXS Techniques. Advances in Polymer Science, 2015, , 127-165.	0.8	11
125	Plasticityâ€controlled failure of sintered and molded polyamide 12: Influence of temperature and water absorption. Journal of Applied Polymer Science, 2020, 137, 48525.	2.6	11
126	Dilatometry: A Tool to Measure the Influence of Cooling Rate and Pressure on the Phase Behavior of Nucleated Polypropylene. Macromolecular Materials and Engineering, 2009, 294, 231-243.	3.6	10

#	Article	IF	Citations
127	Orientation and Crystallinity Measurements in Injection Moulded Products. Polymer Bulletin, 2003, 50, 405-411.	3.3	9
128	Transient interfacial tension and morphology evolution in partially miscible polymer blends. Journal of Colloid and Interface Science, 2008, 328, 48-57.	9.4	9
129	Quiescent crystallization of poly(lactic acid) studied by optical microscopy and lightâ€scattering techniques. Journal of Applied Polymer Science, 2017, 134, .	2.6	9
130	The advantage of linear viscoelastic material behavior in passive damper design-with application in broad-banded resonance dampers for industrial high-precision motion stages. Journal of Sound and Vibration, 2017, 386, 242-250.	3.9	9
131	Structure-Properties Relations for Polyamide 6, Part 2: Influence of Processing Conditions during Injection Moulding on Deformation and Failure Kinetics. Polymers, 2018, 10, 779.	4.5	9
132	Concomitant Crystallization in Propylene/Ethylene Random Copolymer with Strong Flow at Elevated Temperatures. Industrial & Engineering Chemistry Research, 2018, 57, 6870-6877.	3.7	8
133	A filament stretching rheometer for in situ X-ray experiments: Combining rheology and crystalline morphology characterization. Review of Scientific Instruments, 2020, 91, 073903.	1.3	8
134	Transient interfacial tension of partially miscible polymers. Journal of Colloid and Interface Science, 2008, 325, 130-140.	9.4	7
135	Flowâ€induced solidification of highâ€impact polypropylene copolymer compositions: Morphological and mechanical effects. Journal of Applied Polymer Science, 2015, 132, .	2.6	7
136	Linear viscoelastic fluid characterization of ultra-high-viscosity fluids for high-frequency damper design. Rheologica Acta, 2015, 54, 667-677.	2.4	7
137	Numerical Study of the Effect of Thixotropy on Extrudate Swell. Polymers, 2021, 13, 4383.	4.5	7
138	Modeling Flow-Induced Crystallization. Advances in Polymer Science, 2016, , 243-294.	0.8	6
139	Application of a multi-phase multi-morphology crystallization model to isotactic polypropylenes with different molecular weight distributions. European Polymer Journal, 2017, 97, 397-408.	5.4	6
140	A Computational Model for Processing of Semicrystalline Polymers: The Effects of Flow-Induced Crystallization. Lecture Notes in Physics, 2003, , 312-324.	0.7	6
141	Residual stresses in gas-assisted injection molding. Rheologica Acta, 2010, 49, 23-44.	2.4	5
142	Kinetics of the deformation induced memory effect in polyamide-6. European Polymer Journal, 2015, 72, 296-308.	5.4	5
143	In Situ WAXD and SAXS during Tensile Deformation Of Moulded and Sintered Polyamide 12. Polymers, 2019, 11, 1001.	4.5	5
144	Rheological Modeling of Flow-Induced Crystallization in Polymer Melts and Limitations on Classification of Experiments. AIP Conference Proceedings, 2008, , .	0.4	4

#	Article	IF	Citations
145	Nucleation induced by â€œShort-Term Pressurizationâ€•of an undercooled isotactic polypropylene melt. European Polymer Journal, 2016, 85, 553-563.	5.4	4
146	Structureâ€“mechanical property relationships in acrylate networks. Journal of Applied Polymer Science, 2020, 137, 48498.	2.6	4
147	An experimentally validated model for quiescent multiphase primary and secondary crystallization phenomena in PP with low content of ethylene comonomer. Polymer, 2022, 253, 124901.	3.8	4
148	Study of morphological hysteresis in partially immiscible polymers. Rheologica Acta, 2009, 48, 343-358.	2.4	3
149	Non-isothermal Crystallization of Semi-Crystalline Polymers: The Influence of Cooling Rate and Pressure. Advances in Polymer Science, 2016, , 207-242.	0.8	3
150	A numerical study of extensional flowâ€•induced crystallization in filament stretching rheometry. Polymer Crystallization, 2021, 4, e10154.	0.8	3
151	Towards a universal shear correction factor in filament stretching rheometry. Rheologica Acta, 2021, 60, 691-709.	2.4	3
152	Towards the Development of a Strategy to Characterize and Model the Rheological Behavior of Filled, Uncured Rubber Compounds. Polymers, 2021, 13, 4068.	4.5	3
153	Anomalous Terminal Shear Viscosity Behavior of Polycarbonate Nanocomposites Containing Grafted Nanosilica Particles. Nanomaterials, 2021, 11, 1839.	4.1	1