

Valery G Kulichikhin

List of Publications by Year in descending order

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276

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186265

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times ranked

1643

citing authors

#	ARTICLE	IF	CITATIONS
1	Some Specifics of Defect-Free Poly-(o-aminophenylene)naphthoylenimide Fibers Preparation by Wet Spinning. <i>Materials</i> , 2022, 15, 808.	2.9	5
2	Behavior of Cellulose–Poly(N-vinylpyrrolidone) Systems in N-Methylmorpholine-N-oxide and New Fibers on Their Basis. <i>Polymer Science - Series A</i> , 2022, 64, 38-52.	1.0	2
3	The Role of Structure in Polymer Rheology: Review. <i>Polymers</i> , 2022, 14, 1262.	4.5	18
4	A more environmentally friendly path to the family of the flame-resistant semi-ladder “Lola”-fibers. <i>Polymer</i> , 2022, 247, 124793.	3.8	0
5	Composite Fibers Based on Hydrated Cellulose and Poly-N-vinylpyrrolidone, Prepared from Cellulose Solutions in N-Methylmorpholine-N-Oxide. <i>Russian Journal of Applied Chemistry</i> , 2022, 95, 100-112.	0.5	0
6	Some Dynamic Properties of the Interface. <i>Russian Journal of General Chemistry</i> , 2022, 92, 679-693.	0.8	2
7	Superposition of temperature and diluent concentration for the viscosity reduction of heavy crude oil. <i>Journal of Dispersion Science and Technology</i> , 2021, 42, 270-277.	2.4	9
8	Comparing flow characteristics of viscoelastic liquids in long and short capillaries (entrance) $T_j \approx T_{j0} \left(1 - \frac{R}{R_0} \right)^{1/2}$ / Overlock 10 If 50 462 T	4.0	5
9	Synthesis and Properties of Thermotropic Copolyesters Based on Poly(ethylene terephthalate) and 4'-Acetoxy-4-biphenyl-carboxylic Acid. <i>Polymers</i> , 2021, 13, 1720.	4.5	5
10	Kinetic Features of the Crosslinking Process for Compositions Based on Butyl Rubber and Dispersed Fillers. <i>Polymer Science - Series B</i> , 2021, 63, 199-208.	0.8	1
11	Dripping and jetting of semi-dilute polymer solutions co-flowing in co-axial capillaries. <i>Physics of Fluids</i> , 2021, 33, .	4.0	12
12	The shape of a falling jet formed by concentrated polymer solutions. <i>Physics of Fluids</i> , 2021, 33, .	4.0	6
13	Rheology of Highly Concentrated Suspensions with a Bimodal Size Distribution of Solid Particles for Powder Injection Molding. <i>Polymers</i> , 2021, 13, 2709.	4.5	5
14	Molecular motion in mixtures of polymer melts in a capillary flow. <i>Journal of Molecular Liquids</i> , 2021, 344, 117919.	4.9	3
15	New Hydrated Cellulose Fiber Based on Flax Cellulose. <i>Russian Journal of General Chemistry</i> , 2021, 91, 1807-1815.	0.8	8
16	Morphological Transformations in the Process of Coagulation of Cellulose Solution in N-Methylmorpholine N-Oxide with Isobutanol. <i>Polymer Science - Series C</i> , 2021, 63, 161-169.	1.7	5
17	Kinetics of Dissolution of Polyacrylonitrile in N-Methylmorpholine-N-oxide in the Absence and Presence of Cellulose. <i>Polymer Science - Series B</i> , 2021, 63, 833-842.	0.8	1
18	Synthesis of Poly(Ethylene Terephthalate)–4'-Hydroxybiphenyl-4-Carboxylic Acid Copolymers by Transesterification. <i>Polymer Science - Series B</i> , 2021, 63, 745-753.	0.8	3

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19	Effect of MQ-copolymer and polymethylsilsesquioxane on thermal and mechanical properties of highly filled polyisoprene. Russian Chemical Bulletin, 2021, 70, 2200-2207.	1.5	2
20	Fibers spinning from poly(trimethylsilylpropyne) solutions. Journal of Applied Polymer Science, 2020, 137, 48511.	2.6	5
21	Phase behavior and rheology of miscible and immiscible blends of linear and hyperbranched siloxane macromolecules. Materials Today Communications, 2020, 22, 100833.	1.9	27
22	Unexpected rheological behavior of solutions of aromatic polyamide in transient physical states. Physics of Fluids, 2020, 32, 073107.	4.0	4
23	Solubility, Rheology, and Coagulation Kinetics of Poly-(O-Aminophenylene)Naphthoylenimide Solutions. Polymers, 2020, 12, 2454.	4.5	9
24	The Effect of the Synthetic Procedure of Acrylonitrile- <i>co</i> -Acrylic Acid Copolymers on Rheological Properties of Solutions and Features of Fiber Spinning. Materials, 2020, 13, 3454.	2.9	9
25	A Role of Coagulant in Structure Formation of Fibers and Films Spun from Cellulose Solutions. Materials, 2020, 13, 3495.	2.9	10
26	Flow-Spurt Transition under Shear Deformation of Concentrated Suspensions. Colloid Journal, 2020, 82, 408-413.	1.3	1
27	Orientation and Aggregation of Polymer Chains in the Straight Electrospinning Jet. Materials, 2020, 13, 4295.	2.9	2
28	Phase state and rheology of polyisobutylene blends with silicone resin. Rheologica Acta, 2020, 59, 375-386.	2.4	29
29	Deformation Properties of Concentrated Metal-in-Polymer Suspensions under Superimposed Compression and Shear. Polymers, 2020, 12, 1038.	4.5	3
30	Composite Fibers Based on Cellulose and Vinyltriethoxysilane as Precursors of Carbon Materials. Polymer Science - Series B, 2020, 62, 152-162.	0.8	8
31	Elasticity and plasticity of highly concentrated noncolloidal suspensions under shear. Journal of Rheology, 2020, 64, 469-479.	2.6	6
32	Films of Bacterial Cellulose Prepared from Solutions in N-Methylmorpholine-N-Oxide: Structure and Properties. Processes, 2020, 8, 171.	2.8	10
33	Effect of Composition and Interfacial Tension on the Rheology and Morphology of Heavy Oil-In-Water Emulsions. ACS Omega, 2020, 5, 16460-16469.	3.5	13
34	Stability of polymer jets in extension: physicochemical and rheological mechanisms. Russian Chemical Reviews, 2020, 89, 811-823.	6.5	9
35	Compositions Based on PAN Solutions Containing Polydimethylsiloxane Additives: Morphology, Rheology, and Fiber Spinning. Polymers, 2020, 12, 815.	4.5	4
36	Peculiarities of Dissolving Polyacrylonitrile Copolymer Containing Methylsulfo Groups in N-Methylmorpholine-N-Oxide. Polymer Science - Series A, 2020, 62, 597-606.	1.0	4

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37	Composite Fibers From Cellulose Solutions with Additives of Bis (Trimethylsilyl) Acetylene and Alkoxysilanes: Rheology, Structure and Properties. <i>Fibre Chemistry</i> , 2019, 51, 26-31.	0.2	4
38	Plasticity of Highly Concentrated Suspensions. <i>Colloid Journal</i> , 2019, 81, 532-540.	1.3	4
39	The Role of Isobutanol as a Precipitant of Cellulose Films Formed from N-Methylmorpholine N-Oxide Solutions: Phase State and Structural and Morphological Features. <i>Polymer Science - Series A</i> , 2019, 61, 598-609.	1.0	8
40	The Effect of Tetraethoxysilane on the Phase State, Rheological Properties, and Coagulation Features of Polyacrylonitrile Solutions. <i>Colloid Journal</i> , 2019, 81, 165-175.	1.3	6
41	Self-Oscillations Accompanying Shear Flow of Colloidal and Polymeric Systems. Reality and Instrumental Effects. <i>Colloid Journal</i> , 2019, 81, 176-186.	1.3	6
42	Measurement of Viscoelastic Characteristics of Interfacial Layers on Liquid Surfaces Using New Experimental Equipment. <i>Colloid Journal</i> , 2019, 81, 681-686.	1.3	1
43	The Formation and Elasticity of a Hydroxypropyl Cellulose Film at a Water–Air Interface. <i>Colloid Journal</i> , 2019, 81, 696-702.	1.3	1
44	From Polyacrylonitrile, its Solutions, and Filaments to Carbon Fibers <sc>PAN</sc>—Precursors and their Thermal Treatment. <i>Advances in Polymer Technology</i> , 2018, 37, 1099-1113.	1.7	25
45	From Polyacrylonitrile, Its Solutions, and Filaments to Carbon Fibers: I. Phase State and Rheology of Basic Polymers and Their Solutions. <i>Advances in Polymer Technology</i> , 2018, 37, 1076-1084.	1.7	19
46	Composite fibres based on cellulose and vinyltriethoxysilane: preparation, properties and carbonization. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 347, 012032.	0.6	3
47	Rheological Properties of Acrylonitrile Terpolymer Solutions Synthesized by Different Methods. <i>Polymer Science - Series A</i> , 2018, 60, 894-901.	1.0	4
48	Morphological Features and Rheological Properties of Combined Cellulose and Polyacrylonitrile Solutions in N-Methylmorpholine-N-oxide. <i>Polymer Science - Series A</i> , 2018, 60, 796-804.	1.0	5
49	Structural and Morphological Features of Carbon–Silicon-Carbide Fibers Based on Cellulose and Triethoxyvinylsilane. <i>Fibre Chemistry</i> , 2018, 50, 79-84.	0.2	8
50	Modifying the Viscosity of Heavy Crude Oil Using Surfactants and Polymer Additives. <i>Energy & Fuels</i> , 2018, 32, 11991-11999.	5.1	32
51	“Mechanotropic” mechanism of electrospinning. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	4
52	Spreading of Oil-in-Water Emulsions on Water Surface. <i>Langmuir</i> , 2018, 34, 10974-10983.	3.5	11
53	A Novel Technique for Fiber Formation: Mechanotropic Spinning—Principle and Realization. <i>Polymers</i> , 2018, 10, 856.	4.5	31
54	The rheological state of suspensions in varying the surface area of nano-silica particles and molecular weight of the poly(ethylene oxide) matrix. <i>Colloid and Polymer Science</i> , 2017, 295, 555-563.	2.1	40

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55	Phase equilibrium and rheology of poly(1-trimethylsilyl-1-propyne) solutions. Polymer Science - Series A, 2017, 59, 1-11.	1.0	3
56	Explosive spreading of a concentrated emulsion over a liquid surface. Colloid Journal, 2017, 79, 414-417.	1.3	7
57	Solutions of acrylonitrile copolymers in N -methylmorpholine- N -oxide: Structure, properties, fiber spinning. European Polymer Journal, 2017, 92, 326-337.	5.4	12
58	Spinnability of Dilute Polymer Solutions. Macromolecules, 2017, 50, 8231-8244.	4.8	36
59	Rheological properties of acrylonitrileâ€”acrylamideâ€”styrene copolymer solutions synthesized by classical and controlled radical polymerizations. Russian Chemical Bulletin, 2017, 66, 711-716.	1.5	2
60	Composite fibers based on cellulose and polyacrylonitrile copolymers. Russian Journal of General Chemistry, 2017, 87, 1351-1356.	0.8	8
61	Phase separation of polymer solutions on a solvent surface. Colloid Journal, 2017, 79, 278-285.	1.3	6
62	Rheological properties of heavy oil emulsions with different morphologies. Journal of Petroleum Science and Engineering, 2017, 149, 522-530.	4.2	35
63	A modern look on yield stress fluids. Rheologica Acta, 2017, 56, 177-188.	2.4	84
64	Rheological properties of associates of ionic monomers with micelles of oppositely charged surfactants. Russian Chemical Bulletin, 2016, 65, 1161-1166.	1.5	2
65	The rheological characterisation of typical injection implants based on hyaluronic acid for contour correction. Rheologica Acta, 2016, 55, 223-233.	2.4	26
66	Solâ€”gel transition and rheological properties of silica nanoparticle dispersions. Colloid Journal, 2016, 78, 608-615.	1.3	38
67	Celluloseâ€”co-polyacrylonitrile blends: Properties of combined solutions in N-methylmorpholine-N-oxide and the formation and thermolysis of composite fibers. Polymer Science - Series C, 2016, 58, 74-84.	1.7	12
68	Rheological comparison of light and heavy crude oils. Fuel, 2016, 186, 157-167.	6.4	82
69	Heavy oil as an emulsion: Composition, structure, and rheological properties. Colloid Journal, 2016, 78, 735-746.	1.3	28
70	Some Compositional Viscosity Correlations for Crude Oils from Russia and Norway. Energy & Fuels, 2016, 30, 9322-9328.	5.1	42
71	Phase state and rheology of organosilicon nanocomposites with functionalized hyperbranched nanoparticles. Polymer Science - Series A, 2016, 58, 987-995.	1.0	7
72	New flexible piezoelectrics and actuators based on polyorganophosphazenes. Sensors and Actuators A: Physical, 2016, 252, 48-53.	4.1	2

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73	Linear polyorganophosphazene films as flexible piezoelectrics and actuators. Polymer Science - Series A, 2016, 58, 139-153.	1.0	0
74	Phase-equilibrium and cellulose-coagulation kinetics for cellulose solutions in N-methylmorpholine-N-oxide. Polymer Science - Series A, 2016, 58, 732-743.	1.0	7
75	Influence of Precipitation and Conditioning Baths on the Structure, Morphology, and Properties of Cellulose Films. Fibre Chemistry, 2016, 48, 298-305.	0.2	10
76	Formation of concentrated emulsions in heavy oil. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 504, 343-349.	4.7	20
77	Asphaltenes in heavy crude oil: Designation, precipitation, solutions, and effects on viscosity. Journal of Petroleum Science and Engineering, 2016, 147, 211-217.	4.2	113
78	Shear thickening and dynamic glass transition of concentrated suspensions. State of the problem. Colloid Journal, 2016, 78, 1-8.	1.3	24
79	Model of the behavior of viscoelastic media at high strain rates. Doklady Physical Chemistry, 2015, 464, 210-213.	0.9	0
80	Self-Organization of Polymeric Fluids in Strong Stress Fields. Advances in Condensed Matter Physics, 2015, 2015, 1-17.	1.1	3
81	Linear polyorganophosphazene films as flexible piezoelectrics and actuators. Polymer Science - Series B, 2015, 57, 687-701.	0.8	1
82	High-rate deformation of polymer melts as discrete media: Justification of the model. Polymer Science - Series A, 2015, 57, 904-909.	1.0	1
83	Structure and rheology of highly concentrated emulsions: a modern look. Russian Chemical Reviews, 2015, 84, 803-825.	6.5	33
84	From capillary to elastic instability of jets of polymeric liquids: Role of the entanglement network of macromolecules. JETP Letters, 2015, 101, 690-692.	1.4	15
85	Viscosity of polyacrylonitrile solutions: The effect of the molecular weight. Polymer Science - Series A, 2015, 57, 494-500.	1.0	12
86	Effect of the rigid core of the filler on the properties of melt-mixed polystyrene/core-shell particle nanocomposites. Materials Chemistry and Physics, 2015, 156, 16-28.	4.0	6
87	Rheological properties of emulsions formed by polymer solutions and modified by nanoparticles. Colloid and Polymer Science, 2015, 293, 1647-1654.	2.1	15
88	On the nature of phase separation of polymer solutions at high extension rates. Journal of Polymer Science, Part B: Polymer Physics, 2015, 53, 559-565.	2.1	36
89	Miscibility and rheological properties of epoxy resin blends with aromatic polyethers. Polymer Science - Series A, 2015, 57, 177-185.	1.0	14
90	Phase structure and properties of blends based on polystyrene and carbosilane dendrimers. Polymer Science - Series A, 2015, 57, 586-595.	1.0	4

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91	Comb-Like Polymethylsiloxanes. Synthesis, Structure and Properties. Silicon, 2015, 7, 177-189.	3.3	11
92	Phase state and rheology of polyisobutylene mixtures with decyl surface modified silica nanoparticles. Polymer Science - Series A, 2014, 56, 798-811.	1.0	17
93	Pressure losses in flow of viscoelastic polymeric fluids through short channels. Journal of Rheology, 2014, 58, 433-448.	2.6	10
94	Liquid filament instability due to stretch-induced phase separation in polymer solutions. European Physical Journal E, 2014, 37, 10.	1.6	19
95	Polymer extension flows and instabilities. Progress in Polymer Science, 2014, 39, 959-978.	24.7	67
96	Application of large amplitude oscillatory shear for the analysis of polymer material properties in the nonlinear mechanical behavior. Polymer Science - Series A, 2014, 56, 98-110.	1.0	21
97	Rheological properties of road bitumens modified with polymer and solid nanosized additives. Colloid Journal, 2014, 76, 425-434.	1.3	23
98	Effect of Chain Structure on the Rheological Properties of Vinyl Acetate-Vinyl Alcohol Copolymers in Solution and Bulk. Macromolecules, 2014, 47, 4790-4804.	4.8	35
99	Rheological properties of polyethylene/metaboric acid thermoplastic blends. Rheologica Acta, 2014, 53, 467-475.	2.4	34
100	Dynamics of a conducting polymer jet in an electric field. Polymer Science - Series A, 2014, 56, 211-218.	1.0	3
101	The role of chain structure in the rheological behavior of vinyl acetate-vinyl alcohol copolymers. Polymer Science - Series A, 2014, 56, 196-204.	1.0	1
102	Rheology of aqueous poly(ethylene oxide) solutions reinforced with bentonite clay. Colloid Journal, 2013, 75, 267-273.	1.3	16
103	New approaches to the development of hybrid nanocomposites: from structural materials to high-tech applications. Russian Chemical Reviews, 2013, 82, 303-332.	6.5	96
104	Structure and properties of composites based on polyethylene oxide and molecular silicasol. Nanotechnologies in Russia, 2013, 8, 81-91.	0.7	4
105	Rheological properties of mixed solutions of cellulose and layered aluminosilicates in N-methylmorpholine-N-oxide. Polymer Science - Series A, 2013, 55, 258-267.	1.0	4
106	Unusual rheological effects observed in polyacrylonitrile solutions. Polymer Science - Series A, 2013, 55, 503-509.	1.0	31
107	Invert and double emulsions as a base for microheterogeneous matrices for transdermal delivery of lipophilic drugs. Russian Chemical Bulletin, 2013, 62, 802-815.	1.5	1
108	Colloid-chemical aspects of protein crystallization. Russian Chemical Bulletin, 2013, 62, 338-354.	1.5	3

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109	Rheologyâ€“Structure Interrelationships of Hydroxypropylcellulose Liquid Crystal Solutions and Their Nanocomposites under Flow. <i>Macromolecules</i> , 2013, 46, 1144-1157.	4.8	19
110	Rheological Evidence of Gel Formation in Dilute Poly(acrylonitrile) Solutions. <i>Macromolecules</i> , 2013, 46, 257-266.	4.8	78
111	Rheological properties of poly(1-trimethylsilyl-1-propyne) solutions. <i>Polymer Science - Series A</i> , 2013, 55, 510-517.	1.0	8
112	Viscoplasticity and stratified flow of colloid suspensions. <i>Soft Matter</i> , 2012, 8, 2607.	2.7	47
113	Non-Newtonian behavior of polydisperse polymer melts as a consequence of the evolution of their relaxation spectra. <i>Polymer Science - Series A</i> , 2012, 54, 752-759.	1.0	3
114	Rheological peculiarities of concentrated suspensions. <i>Colloid Journal</i> , 2012, 74, 472-482.	1.3	20
115	Properties of oil1/water/oil2 double emulsions containing lipophilic acrylic polymer. <i>Colloid Journal</i> , 2012, 74, 541-552.	1.3	6
116	Rheological and relaxation properties of MQ copolymers. <i>Polymer Science - Series A</i> , 2012, 54, 177-186.	1.0	10
117	Peculiarities of the surface crystallization of sodium chloride on mucin films. <i>Colloid Journal</i> , 2012, 74, 207-214.	1.3	12
118	Gels of cysteine/Ag-based dilute colloid systems and their rheological properties. <i>Soft Matter</i> , 2011, 7, 9090.	2.7	36
119	Self-organization in the flow of complex fluids (colloid and polymer systems). Part 2: Theoretical models. <i>Advances in Colloid and Interface Science</i> , 2011, 162, 29-38.	14.7	17
120	Rheology-Morphology Interrelationships for Nanocomposites based on Polymer Matrices. , 2011, , .		0
121	Macroscopic modeling of entanglement network evolution in polymer melt flow. <i>Doklady Chemistry</i> , 2011, 438, 137-139.	0.9	1
122	A multifunctional mechanical Fourier spectrometer. <i>Polymer Science - Series A</i> , 2011, 53, 271-280.	1.0	0
123	Structure and mechanical properties of thermoplastics modified with nanodiamonds. <i>Polymer Science - Series A</i> , 2011, 53, 765-774.	1.0	8
124	Structural evolution of liquid-crystalline solutions of hydroxypropyl cellulose and hydroxypropyl cellulose-based nanocomposites during flow. <i>Polymer Science - Series A</i> , 2011, 53, 748-764.	1.0	5
125	Entanglement junctions in melts and concentrated solutions of flexible-chain polymers: Macromodeling. <i>Polymer Science - Series A</i> , 2011, 53, 1198-1206.	1.0	8
126	Rheology of complex anisotropic fluids. <i>Colloid Journal</i> , 2011, 73, 614-620.	1.3	3

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127	Emulsion approach to production of polymer films used as carriers of lysozyme. Colloid Journal, 2011, 73, 635-645.	1.3	2
128	Modeling macromolecular movement in polymer melts and its relation to nonlinear rheology. Rheologica Acta, 2011, 50, 485-489.	2.4	23
129	Morphology and rheology of composites based on anisotropic polymer matrix and different clays. Journal of Applied Polymer Science, 2011, 120, 3642-3653.	2.6	5
130	Viscosity and temperature transitions in dimethylacetamide solutions of polyamidobenzimidazole and its blends with polysulfone. Polymer Science - Series A, 2010, 52, 1-7.	1.0	3
131	Rheology of liquid-crystalline solutions of hydroxylpropyl cellulose filled with layered silicate particles. Polymer Science - Series A, 2010, 52, 60-71.	1.0	3
132	Rheological properties and phase behavior of a hydroxypropyl cellulose-poly(ethylene glycol) system. Polymer Science - Series A, 2010, 52, 144-149.	1.0	7
133	Structuring during flow of polymer and colloidal systems. Polymer Science - Series A, 2010, 52, 1083-1104.	1.0	10
134	Rheology of linear and branched styrene-acrylonitrile copolymers. Similarities and differences. Polymer Science - Series A, 2010, 52, 1142-1155.	1.0	3
135	Rheology of carbosilane dendrimers with various types of end groups. Polymer Science - Series A, 2010, 52, 1156-1162.	1.0	19
136	Phase equilibria in solutions of cellulose derivatives and the rheological properties of solutions in various phase states. Polymer Science - Series A, 2010, 52, 1196-1208.	1.0	8
137	Solutions of cellulose and its blends with synthetic polymers in N-methylmorpholine-N-oxide: Preparation, phase state, structure, and properties. Polymer Science - Series A, 2010, 52, 1209-1219.	1.0	17
138	Anisotropic electroconducting polymer-silicate composites based on polyaniline. Polymer Science - Series B, 2010, 52, 91-100.	0.8	4
139	Self-organization in the flow of complex fluids (colloid and polymer systems). Advances in Colloid and Interface Science, 2010, 157, 75-90.	14.7	45
140	Extension rheology of liquid-crystalline solution/layered silicate hybrids. Polymer Engineering and Science, 2010, 50, 789-799.	3.1	2
141	From rheology of nanocomposites to rheology of polymer melts: step back or forward?. , 2010, , .		0
142	Epoxy Nanocomposites Curing Rheokinetics, Wetting and Adhesion to Fibers. AIP Conference Proceedings, 2010, , .	0.4	1
143	Combining carbon and polymeric particles in an inert fluid as a promising approach to synthesis of nanocomposites. Russian Journal of Applied Chemistry, 2009, 82, 483-487.	0.5	7
144	Solutions of mixtures of cellulose and synthetic polymers in N-methylmorpholine-N-oxide. Polymer Science - Series A, 2009, 51, 283-294.	1.0	5

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145	Interchain exchange and interdiffusion in blends of poly(ethylene terephthalate) and poly(ethylene Tj ETQq1 1 0.784314 rgBJ /Overlo	1.0	36
146	The chaos-to-order transition in critical modes of shearing for polymer and nanocomposite melts. Polymer Science - Series A, 2009, 51, 1303-1312.	1.0	36
147	Self-assembly and elastic instability in polymer flows. Polymer Science - Series A, 2009, 51, 1313-1328.	1.0	13
148	Properties of carrageenan gels with immobilized lysozyme. Colloid Journal, 2009, 71, 271-280.	1.3	5
149	Crystal solvates of thermotropic alkylbenzyl aromatic copolyesters and poly(m-phenyleneisophthalamide) with N-methylmorpholine-N-oxide. Polymer Science - Series A, 2008, 50, 665-678.	1.0	13
150	Rheological properties of concentrated aqueous solutions of anionic and cationic polyelectrolyte mixtures. Polymer Science - Series A, 2008, 50, 751-756.	1.0	15
151	Development of Composite Materials Based on Improved Nanodiamonds. , 2007, , 29-43.		14
152	Diffusion and phase behavior of a hydroxypropylcellulose-poly(ethylene glycol) system. Polymer Science - Series A, 2007, 49, 433-441.	1.0	5
153	On the basic laws of anisotropic viscoelasticity. Rheologica Acta, 2007, 46, 1131-1138.	2.4	5
154	Rheological and mechanical properties of ABS plastics prepared by bulk polymerization. Polymer Science - Series A, 2006, 48, 338-345.	1.0	5
155	Rheology of poly(N-vinyl pyrrolidone)â€“poly(ethylene glycol) adhesive blends under shear flow. Journal of Applied Polymer Science, 2006, 100, 522-537.	2.6	20
156	Relaxation Properties of Pressure-sensitive Adhesives upon Withdrawal of Bonding Pressure. Journal of Adhesion, 2005, 81, 77-107.	3.0	16
157	Relationships between processing conditions and rheological behavior of polyethylenes. Polymer Engineering and Science, 2004, 44, 615-624.	3.1	3
158	Modeling of structural reaction injection molding. Part II: Comparison with experimental data. Polymer Engineering and Science, 2002, 42, 846-858.	3.1	6
159	Specific rheology - morphology relationships for some blends containing LCPs. Rheologica Acta, 2001, 40, 49-59.	2.4	18
160	Liquid-phase Catalytic Oxidation of 2,5-Dimethylbiphenyl. Russian Journal of Organic Chemistry, 2001, 37, 830-833.	0.8	4
161	Non-symmetric viscoelasticity of anisotropic polymer liquids. Rheologica Acta, 2000, 39, 360-370.	2.4	15
162	Nonlinear elasticity and friction of liquid-crystalline polymer monolayers. Journal of Chemical Physics, 1998, 109, 827-833.	3.0	4

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163	Rheological, mechanical, and adhesive properties of thermoplastic-LCP blends filled by glass fibers. Polymer Engineering and Science, 1997, 37, 1314-1321.	3.1	30
164	Rheokinetics of free-radical polymerization of acrylamide in an aqueous solution. Polymer Engineering and Science, 1997, 37, 1331-1338.	3.1	22
165	Rheological and relaxation behaviour of filled LC-thermoplastics and their blends. , 1996, , 135-184.		5
166	Mesophase State of Polyorganophosphazenes. Partially Ordered Systems, 1994, , 258-297.	6.5	3
167	Peculiar features in the rheological behavior of electrorheological suspensions. Rheologica Acta, 1994, 33, 117-124.	2.4	4
168	Interphase interaction in heterogeneous polymeric systems containing liquid-crystalline component. Russian Chemical Bulletin, 1994, 43, 1753-1769.	1.5	2
169	Macromolecular dynamics in anisotropic viscoelastic liquids. Macromolecular Symposia, 1994, 81, 45-53.	0.7	3
170	Rheological properties of carbon black-filled blends of liquid-crystalline copolyester with thermoplastic polysulfone. Rheologica Acta, 1993, 32, 352-360.	2.4	23
171	Orientational Phenomena in Poly[Bis-(2,2,3,3,3-Pentafluoropropoxy)-Phosphazene] Mesophase. International Journal of Polymeric Materials and Polymeric Biomaterials, 1993, 22, 127-133.	3.4	1
172	Rheology of anisotropic homogeneous and heterogeneous media. Makromolekulare Chemie Macromolecular Symposia, 1992, 56, 79-90.	0.6	2
173	Structural-mechanical transformations in highly oriented polyethylene fibres in the preparation of very highly reinforced organoplastics. Fibre Chemistry, 1992, 23, 301-306.	0.2	0
174	Mesophase structure of some flexible chain polymers. Polymer Engineering and Science, 1992, 32, 1188-1203.	3.1	16
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