Valery G Kulichikhin

List of Publications by Year
in descending order

276	2,853	185998 28	264894 42
papers	citations	h-index	g-index

280	280	280	1643
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Some Specifics of Defect-Free Poly-(o-aminophenylene)naphthoylenimide Fibers Preparation by Wet Spinning. Materials, 2022, 15, 808.	1.3	5
2	Behavior of Celluloseâ€“Poly(N-vinylpyrrolidone) Systems in N-Methylmorpholine-N-oxide and New Fibers on Their Basis. Polymer Science - Series A, 2022, 64, 38-52.	0.4	2
3	The Role of Structure in Polymer Rheology: Review. Polymers, 2022, 14, 1262.	2.0	18
4	A more environmentally friendly path to the family of the flame-resistant semi-ladder â€œLolaâ€•fibers. Polymer, 2022, 247, 124793.	1.8	0
5	Composite Fibers Based on Hydrated Cellulose and Poly-N-vinylpyrrolidone, Prepared from Cellulose Solutions in N-Methylmorpholine-N-Oxide. Russian Journal of Applied Chemistry, 2022, 95, 100-112.	0.1	0
6	Some Dynamic Properties of the Interface. Russian Journal of General Chemistry, 2022, 92, 679-693.	0.3	2
7	Superposition of temperature and diluent concentration for the viscosity reduction of heavy crude oil. Journal of Dispersion Science and Technology, 2021, 42, 270-277.	1.3	9
8	Comparing flow characteristics of viscoelastic liquids in long and short capillaries (entrance) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T	1.6	5
9	Synthesis and Properties of Thermotropic Copolyesters Based on Poly(ethylene terephthalate) and 4â€²-Acetoxy-4-biphenyl-carboxylic Acid. Polymers, 2021, 13, 1720.	2.0	5
10	Kinetic Features of the Crosslinking Process for Compositions Based on Butyl Rubber and Dispersed Fillers. Polymer Science - Series B, 2021, 63, 199-208.	0.3	1
11	Dripping and jetting of semi-dilute polymer solutions co-flowing in co-axial capillaries. Physics of Fluids, 2021, 33, .	1.6	12
12	The shape of a falling jet formed by concentrated polymer solutions. Physics of Fluids, 2021, 33, .	1.6	6
13	Rheology of Highly Concentrated Suspensions with a Bimodal Size Distribution of Solid Particles for Powder Injection Molding. Polymers, 2021, 13, 2709.	2.0	5
14	Molecular motion in mixtures of polymer melts in a capillary flow. Journal of Molecular Liquids, 2021, 344, 117919.	2.3	3
15	New Hydrated Cellulose Fiber Based on Flax Cellulose. Russian Journal of General Chemistry, 2021, 91, 1807-1815.	0.3	8
16	Morphological Transformations in the Process of Coagulation of Cellulose Solution in N-Methylmorpholine N-Oxide with Isobutanol. Polymer Science - Series C, 2021, 63, 161-169.	0.8	5
17	Kinetics of Dissolution of Polyacrylonitrile in N-Methylmorpholine-N-oxide in the Absence and Presence of Cellulose. Polymer Science - Series B, 2021, 63, 833-842.	0.3	1
18	Synthesis of Poly(Ethylene Terephthalate)â€“4'-Hydroxybiphenyl-4-Carboxylic Acid Copolymers by Transesterification. Polymer Science - Series B, 2021, 63, 745-753.	0.3	3

#	Article	IF	Citations
19	Effect of MQ-copolymer and polymethylsilsesquioxane on thermal and mechanical properties of highly filled polyisoprene. Russian Chemical Bulletin, 2021, 70, 2200-2207.	0.4	2
20	Fibers spinning from poly(trimethylsilylpropyne) solutions. Journal of Applied Polymer Science, 2020, 137, 48511.	1.3	5
21	Phase behavior and rheology of miscible and immiscible blends of linear and hyperbranched siloxane macromolecules. Materials Today Communications, 2020, 22, 100833.	0.9	27
22	Unexpected rheological behavior of solutions of aromatic polyamide in transient physical states. Physics of Fluids, 2020, 32, 073107.	1.6	4
23	Solubility, Rheology, and Coagulation Kinetics of Poly-(O-Aminophenylene)Naphthoylenimide Solutions. Polymers, 2020, 12, 2454.	2.0	9
24	The Effect of the Synthetic Procedure of Acrylonitrileâ€“Acrylic Acid Copolymers on Rheological Properties of Solutions and Features of Fiber Spinning. Materials, 2020, 13, 3454.	1.3	9
25	A Role of Coagulant in Structure Formation of Fibers and Films Spun from Cellulose Solutions. Materials, 2020, 13, 3495.	1.3	10
26	Flow-Spurt Transition under Shear Deformation of Concentrated Suspensions. Colloid Journal, 2020, 82, 408-413.	0.5	1
27	Orientation and Aggregation of Polymer Chains in the Straight Electrospinning Jet. Materials, 2020, 13, 4295.	1.3	2
28	Phase state and rheology of polyisobutylene blends with silicone resin. Rheologica Acta, 2020, 59, 375-386.	1.1	29
29	Deformation Properties of Concentrated Metal-in-Polymer Suspensions under Superimposed Compression and Shear. Polymers, 2020, 12, 1038.	2.0	3
30	Composite Fibers Based on Cellulose and Vinyltriethoxysilane as Precursors of Carbon Materials. Polymer Science - Series B, 2020, 62, 152-162.	0.3	8
31	Elasticity and plasticity of highly concentrated noncolloidal suspensions under shear. Journal of Rheology, 2020, 64, 469-479.	1.3	6
32	Films of Bacterial Cellulose Prepared from Solutions in N-Methylmorpholine-N-Oxide: Structure and Properties. Processes, 2020, 8, 171.	1.3	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.	1.6	13
34	Stability of polymer jets in extension: physicochemical and rheological mechanisms. Russian Chemical Reviews, 2020, 89, 811-823.	2.5	9
35	Compositions Based on PAN Solutions Containing Polydimethylsiloxane Additives: Morphology, Rheology, and Fiber Spinning. Polymers, 2020, 12, 815.	2.0	4
36	Peculiarities of Dissolving Polyacrylonitrile Copolymer Containing Methylsulfo Groups in N-Methylmorpholine-N-Oxide. Polymer Science - Series A, 2020, 62, 597-606.	0.4	4

#	Article	IF	Citations
37	Composite Fibers From Cellulose Solutions with Additives of Bis (Trimethylsilyl) Acetylene and Alkoxysilanes: Rheology, Structure and Properties. Fibre Chemistry, 2019, 51, 26-31.	0.0	4
38	Plasticity of Highly Concentrated Suspensions. Colloid Journal, 2019, 81, 532-540.	0.5	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. Polymer Science - Series A, 2019, 61, 598-609.	0.4	8
40	The Effect of Tetraethoxysilane on the Phase State, Rheological Properties, and Coagulation Features of Polyacrylonitrile Solutions. Colloid Journal, 2019, 81, 165-175.	0.5	6
41	Self-Oscillations Accompanying Shear Flow of Colloidal and Polymeric Systems. Reality and Instrumental Effects. Colloid Journal, 2019, 81, 176-186.	0.5	6
42	Measurement of Viscoelastic Characteristics of Interfacial Layers on Liquid Surfaces Using New Experimental Equipment. Colloid Journal, 2019, 81, 681-686.	0.5	1
43	The Formation and Elasticity of a Hydroxypropyl Cellulose Film at a Waterâ€“Air Interface. Colloid Journal, 2019, 81, 696-702.	0.5	1
44	From Polyacrylonitrile, its Solutions, and Filaments to Carbon Fibers <scp>II</scp>. Spinning <scp>PAN</scp>â€Precursors and their Thermal Treatment. Advances in Polymer Technology, 2018, 37, 1099-1113.	0.8	25
45	From Polyacrylonitrile, Its Solutions, and Filaments to Carbon Fibers: I. Phase State and Rheology of Basic Polymers and Their Solutions. Advances in Polymer Technology, 2018, 37, 1076-1084.	0.8	19
46	Composite fibres based on cellulose and vinyltriethoxysilane: preparation, properties and carbonization. IOP Conference Series: Materials Science and Engineering, 2018, 347, 012032.	0.3	3
47	Rheological Properties of Acrylonitrile Terpolymer Solutions Synthesized by Different Methods. Polymer Science - Series A, 2018, 60, 894-901.	0.4	4
48	Morphological Features and Rheological Properties of Combined Cellulose and Polyacrylonitrile Solutions in N-Methylmorpholine-N-oxide. Polymer Science - Series A, 2018, 60, 796-804.	0.4	5
49	Structural and Morphological Features of Carbonâ€”Silicon-Carbide Fibers Based on Cellulose and Triethoxyvinylsilane. Fibre Chemistry, 2018, 50, 79-84.	0.0	8
50	Modifying the Viscosity of Heavy Crude Oil Using Surfactants and Polymer Additives. Energy & Fuels, 2018, 32, 11991-11999.	2.5	32
51	â€œMechanotropicâ€•mechanism of electrospinning. AIP Conference Proceedings, 2018, , .	0.3	4
52	Spreading of Oil-in-Water Emulsions on Water Surface. Langmuir, 2018, 34, 10974-10983.	1.6	11
53	A Novel Technique for Fiber Formation: Mechanotropic Spinningâ€”Principle and Realization. Polymers, 2018, 10, 856.	2.0	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. Colloid and Polymer Science, 2017, 295, 555-563.	1.0	40

#	Article	IF	Citations
55	Phase equilibrium and rheology of poly(1-trimethylsilyl-1-propyne) solutions. Polymer Science - Series A, 2017, 59, 1-11.	0.4	3
56	Explosive spreading of a concentrated emulsion over a liquid surface. Colloid Journal, 2017, 79, 414-417.	0.5	7
57	Solutions of acrylonitrile copolymers in N -methylmorpholine- N -oxide: Structure, properties, fiber spinning. European Polymer Journal, 2017, 92, 326-337.	2.6	12
58	Spinnability of Dilute Polymer Solutions. Macromolecules, 2017, 50, 8231-8244.	2.2	36
59	Rheological properties of acrylonitrileâ€"acrylamideâ€"styrene copolymer solutions synthesized by classical and controlled radical polymerizations. Russian Chemical Bulletin, 2017, 66, 711-716.	0.4	2
60	Composite fibers based on cellulose and polyacrylonitrile copolymers. Russian Journal of General Chemistry, 2017, 87, 1351-1356.	0.3	8
61	Phase separation of polymer solutions on a solvent surface. Colloid Journal, 2017, 79, 278-285.	0.5	6
62	Rheological properties of heavy oil emulsions with different morphologies. Journal of Petroleum Science and Engineering, 2017, 149, 522-530.	2.1	35
63	A modern look on yield stress fluids. Rheologica Acta, 2017, 56, 177-188.	1.1	84
64	Rheological properties of associates of ionic monomers with micelles of oppositely charged surfactants. Russian Chemical Bulletin, 2016, 65, 1161-1166.	0.4	2
65	The rheological characterisation of typical injection implants based on hyaluronic acid for contour correction. Rheologica Acta, 2016, 55, 223-233.	1.1	26
66	Solâ€"gel transition and rheological properties of silica nanoparticle dispersions. Colloid Journal, 2016, 78, 608-615.	0.5	38
67	Celluloseâ€"co-polyacrylonitrile blends: Properties of combined solutions in N-metylmorpholine-N-oxide and the formation and thermolysis of composite fibers. Polymer Science - Series C, 2016, 58, 74-84.	0.8	12
68	Rheological comparison of light and heavy crude oils. Fuel, 2016, 186, 157-167.	3.4	82
69	Heavy oil as an emulsion: Composition, structure, and rheological properties. Colloid Journal, 2016, 78, 735-746.	0.5	28
70	Some Compositional Viscosity Correlations for Crude Oils from Russia and Norway. Energy & Fuels, 2016, 30, 9322-9328.	2.5	42
71	Phase state and rheology of organosilicon nanocomposites with functionalized hyperbranched nanoparticles. Polymer Science - Series A, 2016, 58, 987-995.	0.4	7
72	New flexible piezoelectrics and actuators based on polyorganophosphazenes. Sensors and Actuators A: Physical, 2016, 252, 48-53.	2.0	2

#	Article	IF	Citations
73	Linear polyorganophosphazene films as flexible piezoelectrics and actuators. Polymer Science - Series A, 2016, 58, 139-153.	0.4	0
74	Phase-equilibrium and cellulose-coagulation kinetics for cellulose solutions in N-methylmorpholine-N-oxide. Polymer Science - Series A, 2016, 58, 732-743.	0.4	7
75	Influence of Precipitation and Conditioning Baths on the Structure, Morphology, and Properties of Cellulose Films. Fibre Chemistry, 2016, 48, 298-305.	0.0	10
76	Formation of concentrated emulsions in heavy oil. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 504, 343-349.	2.3	20
77	Asphaltenes in heavy crude oil: Designation, precipitation, solutions, and effects on viscosity. Journal of Petroleum Science and Engineering, 2016, 147, 211-217.	2.1	113
78	Shear thickening and dynamic glass transition of concentrated suspensions. State of the problem. Colloid Journal, 2016, 78, 1-8.	0.5	24
79	Model of the behavior of viscoelastic media at high strain rates. Doklady Physical Chemistry, 2015, 464, 210-213.	0.2	0
80	Self-Organization of Polymeric Fluids in Strong Stress Fields. Advances in Condensed Matter Physics, 2015, 2015, 1-17.	0.4	3
81	Linear polyorganophosphazene films as flexible piezoelectrics and actuators. Polymer Science - Series B, 2015, 57, 687-701.	0.3	1
82	High-rate deformation of polymer melts as discrete media: Justification of the model. Polymer Science - Series A, 2015, 57, 904-909.	0.4	1
83	Structure and rheology of highly concentrated emulsions: a modern look. Russian Chemical Reviews, 2015, 84, 803-825.	2.5	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.	0.4	15
85	Viscosity of polyacrylonitrile solutions: The effect of the molecular weight. Polymer Science - Series A, 2015, 57, 494-500.	0.4	12
86	Effect of the rigid core of the filler on the properties of melt-mixed polystyrene/coreâ€“shell particle nanocomposites. Materials Chemistry and Physics, 2015, 156, 16-28.	2.0	6
87	Rheological properties of emulsions formed by polymer solutions and modified by nanoparticles. Colloid and Polymer Science, 2015, 293, 1647-1654.	1.0	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.	2.4	36
89	Miscibility and rheological properties of epoxy resin blends with aromatic polyethers. Polymer Science - Series A, 2015, 57, 177-185.	0.4	14
90	Phase structure and properties of blends based on polystyrene and carbosilane dendrimers. Polymer Science - Series A, 2015, 57, 586-595.	0.4	4

#	Article	IF	Citations
91	Comb-Like Polymethylsiloxanes. Synthesis, Structure and Properties. Silicon, 2015, 7, 177-189.	1.8	11
92	Phase state and rheology of polyisobutylene mixtures with decyl surface modified silica nanoparticles. Polymer Science - Series A, 2014, 56, 798-811.	0.4	17
93	Pressure losses in flow of viscoelastic polymeric fluids through short channels. Journal of Rheology, 2014, 58, 433-448.	1.3	10
94	Liquid filament instability due to stretch-induced phase separation in polymer solutions. European Physical Journal E, 2014, 37, 10.	0.7	19
95	Polymer extension flows and instabilities. Progress in Polymer Science, 2014, 39, 959-978.	11.8	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.	0.4	21
97	Rheological properties of road bitumens modified with polymer and solid nanosized additives. Colloid Journal, 2014, 76, 425-434.	0.5	23
98	Effect of Chain Structure on the Rheological Properties of Vinyl Acetateâ€“Vinyl Alcohol Copolymers in Solution and Bulk. Macromolecules, 2014, 47, 4790-4804.	2.2	35
99	Rheological properties of polyethylene/metaboric acid thermoplastic blends. Rheologica Acta, 2014, 53, 467-475.	1.1	34
100	Dynamics of a conducting polymer jet in an electric field. Polymer Science - Series A, 2014, 56, 211-218.	0.4	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.	0.4	1
102	Rheology of aqueous poly(ethylene oxide) solutions reinforced with bentonite clay. Colloid Journal, 2013, 75, 267-273.	0.5	16
103	New approaches to the development of hybrid nanocomposites: from structural materials to high-tech applications. Russian Chemical Reviews, 2013, 82, 303-332.	2.5	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.	0.4	4
106	Unusual rheological effects observed in polyacrylonitrile solutions. Polymer Science - Series A, 2013, 55, 503-509.	0.4	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.	0.4	1
108	Colloid-chemical aspects of protein crystallization. Russian Chemical Bulletin, 2013, 62, 338-354.	0.4	3

#	Article	IF	Citations
109	Rheologyâ€“Structure Interrelationships of Hydroxypropylcellulose Liquid Crystal Solutions and Their Nanocomposites under Flow. Macromolecules, 2013, 46, 1144-1157.	2.2	19
110	Rheological Evidence of Gel Formation in Dilute Poly(acrylonitrile) Solutions. Macromolecules, 2013, 46, 257-266.	2.2	78
111	Rheological properties of poly(1-trimethylsilyl-1-propyne) solutions. Polymer Science - Series A, 2013, 55, 510-517.	0.4	8
112	Viscoplasticity and stratified flow of colloid suspensions. Soft Matter, 2012, 8, 2607.	1.2	47
113	Non-Newtonian behavior of polydisperse polymer melts as a consequence of the evolution of their relaxation spectra. Polymer Science - Series A, 2012, 54, 752-759.	0.4	3
114	Rheological peculiarities of concentrated suspensions. Colloid Journal, 2012, 74, 472-482.	0.5	20
115	Properties of oil1/water/oil2 double emulsions containing lipophilic acrylic polymer. Colloid Journal, 2012, 74, 541-552.	0.5	6
116	Rheological and relaxation properties of MQ copolymers. Polymer Science - Series A, 2012, 54, 177-186.	0.4	10
117	Peculiarities of the surface crystallization of sodium chloride on mucin films. Colloid Journal, 2012, 74, 207-214.	0.5	12
118	Gels of cysteine/Ag-based dilute colloid systems and their rheological properties. Soft Matter, 2011, 7, 9090.	1.2	36
119	Self-organization in the flow of complex fluids (colloid and polymer systems). Part 2: Theoretical models. Advances in Colloid and Interface Science, 2011, 162, 29-38.	7.0	17
120	Rheology-Morphology Interrelationships for Nanocomposites based on Polymer Matrices. , 2011, , .		0
121	Macroscopic modeling of entanglement network evolution in polymer melt flow. Doklady Chemistry, 2011, 438, 137-139.	0.2	1
122	A multifunctional mechanical Fourier spectrometer. Polymer Science - Series A, 2011, 53, 271-280.	0.4	0
123	Structure and mechanical properties of thermoplastics modified with nanodiamonds. Polymer Science - Series A, 2011, 53, 765-774.	0.4	8
124	Structural evolution of liquid-crystalline solutions of hydroxypropyl cellulose and hydroxypropyl cellulose-based nanocomposites during flow. Polymer Science - Series A, 2011, 53, 748-764.	0.4	5
125	Entanglement junctions in melts and concentrated solutions of flexible-chain polymers: Macromodeling. Polymer Science - Series A, 2011, 53, 1198-1206.	0.4	8
126	Rheology of complex anisotropic fluids. Colloid Journal, 2011, 73, 614-620.	0.5	3

#	Article	IF	Citations
127	Emulsion approach to production of polymer films used as carriers of lysozyme. Colloid Journal, 2011, 73, 635-645.	0.5	2
128	Modeling macromolecular movement in polymer melts and its relation to nonlinear rheology. Rheologica Acta, 2011, 50, 485-489.	1.1	23
129	Morphology and rheology of composites based on anisotropic polymer matrix and different clays. Journal of Applied Polymer Science, 2011, 120, 3642-3653.	1.3	5
130	Viscosity and temperature transitions in dimethylacetamide solutions of polyamidobenzimidazole and its blends with polysulfone. Polymer Science - Series A, 2010, 52, 1-7.	0.4	3
131	Rheology of liquid-crystalline solutions of hydroxylpropyl cellulose filled with layered silicate particles. Polymer Science - Series A, 2010, 52, 60-71.	0.4	3
132	Rheological properties and phase behavior of a hydroxypropyl cellulose-poly(ethylene glycol) system. Polymer Science - Series A, 2010, 52, 144-149.	0.4	7
133	Structuring during flow of polymer and colloidal systems. Polymer Science - Series A, 2010, 52, 1083-1104.	0.4	10
134	Rheology of linear and branched styreneâ€“acrylonitrile copolymers. Similarities and differences. Polymer Science - Series A, 2010, 52, 1142-1155.	0.4	3
135	Rheology of carbosilane dendrimers with various types of end groups. Polymer Science - Series A, 2010, 52, 1156-1162.	0.4	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.	0.4	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.	0.4	17
138	Anisotropic electroconducting polymer-silicate composites based on polyaniline. Polymer Science - Series B, 2010, 52, 91-100.	0.3	4
139	Self-organization in the flow of complex fluids (colloid and polymer systems). Advances in Colloid and Interface Science, 2010, 157, 75-90.	7.0	45
140	Extension rheology of liquid-crystalline solution/layered silicate hybrids. Polymer Engineering and Science, 2010, 50, 789-799.	1.5	2
141	From rheology of nanocomposites to rheology of polymer melts: step back or forward?. , 2010, , .		0
142	Epoxy Nanocompositesâ€"Curing Rheokinetics, Wetting and Adhesion to Fibers. AIP Conference Proceedings, 2010, , .	0.3	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.	0.1	7
144	Solutions of mixtures of cellulose and synthetic polymers in N-methylmorpholine-N-oxide. Polymer Science - Series A, 2009, 51, 283-294.	0.4	5

#	Article	IF	Citations
145	Interchain exchange and interdiffusion in blends of poly(ethylene terephthalate) and poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock	0.4	9
146	The chaos-to-order transition in critical modes of shearing for polymer and nanocomposite melts. Polymer Science - Series A, 2009, 51, 1303-1312.	0.4	36
147	Self-assembly and elastic instability in polymer flows. Polymer Science - Series A, 2009, 51, 1313-1328.	0.4	13
148	Properties of carrageenan gels with immobilized lysozyme. Colloid Journal, 2009, 71, 271-280.	0.5	5
149	Crystal solvates of thermotropic alkylenearomatic copolyesters and poly(m-phenyleneisophthalamide) with N-methylmorpholine-N-oxide. Polymer Science - Series A, 2008, 50, 665-678.	0.4	13
150	Rheological properties of concentrated aqueous solutions of anionic and cationic polyelectrolyte mixtures. Polymer Science - Series A, 2008, 50, 751-756.	0.4	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.	0.4	5
153	On the basic laws of anisotropic viscoelasticity. Rheologica Acta, 2007, 46, 1131-1138.	1.1	5
154	Rheological and mechanical properties of ABS plastics prepared by bulk polymerization. Polymer Science - Series A, 2006, 48, 338-345.	0.4	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.	1.3	20
156	Relaxation Properties of Pressure-sensitive Adhesives upon Withdrawal of Bonding Pressure. Journal of Adhesion, 2005, 81, 77-107.	1.8	16
157	Relationships between processing conditions and rheological behavior of polyethylenes. Polymer Engineering and Science, 2004, 44, 615-624.	1.5	3
158	Modeling of structural reaction injection molding. Part II: Comparison with experimental data. Polymer Engineering and Science, 2002, 42, 846-858.	1.5	6
159	Specific rheology - morphology relationships for some blends containing LCPs. Rheologica Acta, 2001, 40, 49-59.	1.1	18
160	Liquid-phase Catalytic Oxidation of 2,5-Dimethylbiphenyl. Russian Journal of Organic Chemistry, 2001, 37, 830-833.	0.3	4
161	Non-symmetric viscoelasticity of anisotropic polymer liquids. Rheologica Acta, 2000, 39, 360-370.	1.1	15
162	Nonlinear elasticity and friction of liquid-crystalline polymer monolayers. Journal of Chemical Physics, 1998, 109, 827-833.	1.2	4

#	Article	IF	Citations
163	Rheological, mechanical, and adhesive properties of thermoplastic-LCP blends filled by glass fibers. Polymer Engineering and Science, 1997, 37, 1314-1321.	1.5	30
164	Rheokinetics of free-radical polymerization of acrylamide in an aqueous solution. Polymer Engineering and Science, 1997, 37, 1331-1338.	1.5	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.	1.1	4
168	Interphase interaction in heterogeneous polymeric systems containing liquid-crystalline component. Russian Chemical Bulletin, 1994, 43, 1753-1769.	0.4	2
169	Macromolecular dynamics in anisotropic viscoelastic liquids. Macromolecular Symposia, 1994, 81, 45-53.	0.4	3
170	Rheological properties of carbon black-filled blends of liquid-crystalline copolyester with thermoplastic polysulfone. Rheologica Acta, 1993, 32, 352-360.	1.1	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.	1.8	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.	0.0	0
174	Mesophase structure of some flexible chain polymers. Polymer Engineering and Science, 1992, 32, 1188-1203.	1.5	16
175	Electric and dynamic birefringence in solutions of poly-bis-trifluoroethoxyphosphazene. European Polymer Journal, 1992, 28, 1031-1034.	2.6	6
176	On the rheological behaviour of low-molecular-mass comb-like nematic polyacrylates. Polymer Science USSR, 1991, 33, 1646-1652.	0.2	0
177	Rheological and structural features of liquid crystal polyalkylene fumaroyl-bis-4-oxybenzoates. Polymer Science USSR, 1991, 33, 295-304.	0.2	0
178	Blend composites based on liquid crystal thermoplast. Review. Polymer Science USSR, 1991, 33, 1-37.	0.2	20
179	Viscoelasticity and effects of interphase interaction in blends of conventional and liquid-crystalline thermoplasts. Polymer Science USSR, 1991, 33, 160-167.	0.2	4
180	Mesophase polymers in the coming decade: problems and trends. Pure and Applied Chemistry, 1991, 63, 925-940.	0.9	16

#	Article	IF	Citations
181	Rheology and morphology of polymer blends containing liquid-crystalline component in melt and solid state. Journal of Applied Polymer Science, 1991, 42, 363-372.	1.3	40
182	Temperature-frequency representation of the viscoelasticity of thermotropic polymers in the liquid-crystalline state. Mechanics of Composite Materials, 1991, 27, 349-354.	0.9	0
183	Generalized characteristic of polymer blend melt viscosity. Rheologica Acta, 1991, 30, 581-584.	1.1	9
184	Special features in spinning fibres from solutions of stiff-chain polymers through an air gap. Fibre Chemistry, 1991, 23, 33-37.	0.0	0
185	Some special features in spinning fibres from solutions of stiff-chain polymers through an air gap. Fibre Chemistry, 1991, 23, 37-40.	0.0	0
186	Rheology and morphology of polymer blends in melt and solid state. Makromolekulare Chemie Macromolecular Symposia, 1990, 38, 173-181.	0.6	2
187	Condisâ€crystal structure of flexibleâ€chain polymers in polymer blends. Makromolekulare Chemie Macromolecular Symposia, 1990, 38, 275-286.	0.6	6
188	Thixotropic properties of electrorheological suspensions in continuous deformation. Journal of Engineering Physics, 1990, 59, 835-841.	0.0	3
189	Preparation of hydrocellulose fibres with increased elasticity from solutions of cellulose in n-methylmorpholine-n-oxide. Fibre Chemistry, 1990, 21, 317-320.	0.0	2
190	Anisotropic viscoelasticity of liquid crystalline polymers. Journal of Rheology, 1990, 34, 281-293.	1.3	42
191	Aspects of flow and structural transitions in alkylene aromatic polyesters. Polymer Science USSR, 1990, 32, 68-75.	0.2	3
192	Structural-rheological processes in the formation of fibres from solutions of high molecular polyethylene. Polymer Science USSR, 1990, 32, 76-82.	0.2	1
193	Structure of poly-bis-trifluoroethoxyphosphazene fibres. Polymer Science USSR, 1990, 32, 108-115.	0.2	3
194	Features of the structure of poly-bis-trifluoroethoxyphosphazene extrudates. Polymer Science USSR, 1990, 32, 116-121.	0.2	1
195	Evolution of the rheological properties and structure of a system during copolycondensation of ethylene terephthalate with p-hydroxybenzoic acid. Polymer Science USSR, 1990, 32, 1389-1394.	0.2	0
196	Structural-orientational processes in the capillary flow of a melt of polyethylene-poly-bis-trifluoroethoxyphosphazene blends. Polymer Science USSR, 1990, 32, 1432-1437.	0.2	1
197	Viscosity and rubber-like properties of isotropic and liquid crystalline solutions of oxypropylcellulose in water. Polymer Science USSR, 1990, 32, 506-512.	0.2	0
198	Rheological anisotropy of liquid crystalline polymers. Polymer Science USSR, 1990, 32, 2262-2269.	0.2	1

#	Article	IF	Citations
199	A photoelectric method for measuring optical dynamic moduli of polymer liquids. Polymer Science USSR, 1990, 32, 2576-2581.	0.2	0
200	Rheology, Phase Equilibria and Processing of Lyotropic Liquid Crystalline Polymers. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1989, 169, 51-81.	0.3	9
201	Slow relaxation processes in filled polymer melts. Mechanics of Composite Materials, 1989, 25, 68-73.	0.9	1
202	Effect of the nature of the filler on rheological and rheokinetic properties of composites based on epoxy resins. Fibre Chemistry, 1989, 20, 206-209.	0.0	1
203	Dynamics and kinematics of the process of spinning man-made fibres by the wet method. Fibre Chemistry, 1989, 21, 114-117.	0.0	0
204	Effect of temperature on deformation behavior of hydrocellulose fibres plasticized with aqueous solutions of N-methylmorpholine-N-oxide. Fibre Chemistry, 1989, 21, 126-128.	0.0	0
205	Deformation properties of yarns spun from solutions of cellulose in N-methylmorpholine-N-oxide and selection of spinning conditions. Fibre Chemistry, 1989, 21, 43-45.	0.0	4
206	Rheological properties of poly-bis-(trifluoreethoxy)phosphazene solutions. Polymer Science USSR, 1989, 31, 941-948.	0.2	2
207	Structure of the oriented poly-bis-trifluoroethoxyphosphazene at various temperatures. Polymer Science USSR, 1989, 31, 2615-2625.	0.2	1
208	Flow of concentrated polymer solutions in model channels. Journal of Engineering Physics, 1988, 55, 745-750.	0.0	0
209	Simirality and differences in mesomorphic polymer solutions and pitches as reflected in their phase and rheological behaviour. Polymer Science USSR, 1988, 30, 2378-2384.	0.2	0
210	Non-linear rheo-optics of concentrated polymer solutions and melts. Polymer Science USSR, 1988, 30, 1880-1887.	0.2	1
211	Non-linear visco-elasticity of liquid crystalline solutions and pastes of aromatic polyamides of para-structure. Polymer Science USSR, 1988, 30, 1451-1456.	0.2	2
212	Viscosity properties and structure of poly-p-Phenyleneterephthaloyl benzamide solutions. Polymer Science USSR, 1987, 29, 2792-2800.	0.2	5
213	The influence of different unit structures related to asymmetry of one of the monomers on polyamidobenzimidazole properties. Polymer Science USSR, 1987, 29, 599-606.	0.2	0
214	Rheological processes in the preparation of man-made fibres from polymer solutions. Fibre Chemistry, 1987, 18, 409-419.	0.0	0
215	Structural transformations of poly-p-phenylene-1,3,4-oxadiazole during the process of fibre preparation. Fibre Chemistry, 1987, 18, 202-206.	0.0	0
216	Dissolution of cellulose in mixtures of N-methylmorpholine-N-oxide with amines of varied nature. Polymer Science USSR, 1986, 28, 2565-2570.	0.2	2

#	Article	IF	Citations
217	Mechanism of dissolution of cellulose in non-aqueous dissolving systems. Review. Polymer Science USSR, 1986, 28, 1995-2011.	0.2	13
218	Effect of precipitation conditions on the properties of yarns obtained from solutions of cellulose in methylmorpholine oxide. Fibre Chemistry, 1986, 17, 417-419.	0.0	5
219	Role of slippage in the orientation stretch of Oksalon yarns. Fibre Chemistry, 1986, 17, 322-324.	0.0	0
220	Viscosity properties of acrylonitrile-sodium methallylsulfonate copolymer solutions. Fibre Chemistry, 1986, 18, 102-103.	0.0	0
221	A quantitative description of the stress and velocity fields in the flow of polymer systems through spinneret channels. Fibre Chemistry, 1985, 17, 100-105.	0.0	2
222	Concentration and temperature dependences of the viscosity of liquid-crystalline solutions of cellulose ethers. Fibre Chemistry, 1985, 17, 148-151.	0.0	0
223	Creep of oksalon fibres in aqueous sulfuric acid solutions. Fibre Chemistry, 1985, 16, 431-433.	0.0	0
224	Phase state and rheological properties of solutions of cellulose in methylmorpholine oxide. Fibre Chemistry, 1985, 16, 249-252.	0.0	1
225	Liquid-crystalline state of cellulose and its derivatives. Fibre Chemistry, 1984, 15, 163-169.	0.0	0
226	Rheological properties of liquid crystalline polymer systems. Review. Polymer Science USSR, 1984, 26, 499-524.	0.2	15
227	Selection of the stretching site of Oksalon fiber during the spinning process. Fibre Chemistry, 1983, 15, 10-11.	0.0	1
228	Some physicochemical properties of the methylmorpholine-N-oxide-water system. Fibre Chemistry, 1983, 15, 30-33.	0.0	3
229	Preparation of hydrocellulose fibres from solutions in tertiary amine N-oxides. Fibre Chemistry, 1983, 15, 40-42.	0.0	0
230	Resonance in stretching during the process of spinning fibres from solutions of rigid-chain polymers. Fibre Chemistry, 1983, 15, 110-113.	0.0	0
231	Dependence of the deformation properties of oksalon fibres on the sulfuric acid content of the precipitation bath. Fibre Chemistry, 1983, 15, 148-149.	0.0	0
232	Investigation of the flow process of spinning solutions through spinneret channels by a rheo-optical method. Fibre Chemistry, 1983, 14, 284-287.	0.0	0
233	Viscosity properties of carbon black-filled spinning solutions. Fibre Chemistry, 1983, 14, 394-395.	0.0	0
234	The phase condition and viscous properties of sulphuric acid solutions of polymers and copolymers based on p-phenylene amides. Polymer Science USSR, 1982, 24, 1085-1090.	0.2	4

#	Article	IF	Citations
235	Rheological Properties of Liquid-crystalline Polymer Solutions. International Journal of Polymeric Materials and Polymeric Biomaterials, 1982, 9, 239-256.	1.8	20
236	Flow of spinning solution through spinneret channels. Fibre Chemistry, 1980, 11, 204-207.	0.0	0
237	The in-flow orientation of anisotropic solutions of poly-p-benzamide. Fibre Chemistry, 1979, 10, 244-245.	0.0	0
238	Concentration dependence of the viscosity of solutions of rigid-chain polymers. Fibre Chemistry, 1979, 10, 557-562.	0.0	0
239	Viscosity anisotropy and orientation in liquid crystals of poly-p-benzamide in shear deformation. Polymer Science USSR, 1979, 21, 1545-1553.	0.2	5
240	Optical effects in the flow of an anisotropic solution of poly-p-benzamide. Fibre Chemistry, 1978, 10, 26-28.	0.0	0
241	Instrument for determining the rheological characteristics of fresh-spun fibre in the stretching process. Fibre Chemistry, 1978, 10, 82-83.	0.0	0
242	Visualization of the flow of the spinning solution through the spinneret channel. Fibre Chemistry, 1978, 9, 487-489.	0.0	0
243	Apparatus for the comprehensive analysis of wet spinning. Fibre Chemistry, 1978, 9, 292-293.	0.0	0
244	Rheological properties of sulfuric acid solutions of poly-p-phenylene-1,3,4-oxadiazole. Fibre Chemistry, 1978, 10, 135-136.	0.0	0
245	Transitions in anisotropic solutions of poly-p-phenyleneterephthalamide. Polymer Science USSR, 1978, 20, 2500-2509.	0.2	8
246	Gelation in solutions of the copolymer of acrylonitrile with vinylidene chloride. Fibre Chemistry, 1977, 9, 562-563.	0.0	0
247	Effect of magnetic field on anisotropic solutions of poly-p-benzamide. Polymer Science USSR, 1976, 18, 256-265.	0.2	7
248	Method of determining heat effects in shearing flow of polymer systems. Polymer Science USSR, 1976, 18, 2442-2446.	0.2	1
249	Spectroscopic method of determining the proportion of liquid crystalline phase in anisotropic polymer solutions. Polymer Science USSR, 1976, 18, 1077-1079.	0.2	2
250	Variation of mechanical properties of polysulphonamide solutions in gel formation. Polymer Science USSR, 1976, 18, 2967-2975.	0.2	5
251	On the flow of anisotropic solutions of poly-p-phenyleneterephthalamide. Polymer Science USSR, 1976, 18, 672-680.	0.2	18
252	Orientational structure formation in lyotropic, liquid crystals of poly-p-benzamide. Polymer Science USSR, 1976, 18, 3031-3043.	0.2	9

#	Article	IF	Citations
253	The physico-chemical and technological properties of poly-p-benzamide solutions. Fibre Chemistry, 1976, 7, 248-252.	0.0	0
254	Viscose filtration through a built-up layer of fibrous material. Fibre Chemistry, 1976, 8, 291-294.	0.0	0
255	Gelation of polysulfonamide solutions. Fibre Chemistry, 1976, 8, 300-303.	0.0	0
256	Effect of a magnetic field on anisotropic poly-p-benzamide solutions. Fibre Chemistry, 1976, 7, 577-578.	0.0	0
257	The viscosity properties of anisotropic solutions of poly-p-phenylene terephthalamide. Fibre Chemistry, 1976, 7, 579-580.	0.0	0
258	The orientation of poly-p-benzamide solutions in a magnetic field. Fibre Chemistry, 1976, 7, 393-394.	0.0	0
259	The rheology of polymer systems in uniaxial extension ? A review of the theoretical principles and experimental results. Fibre Chemistry, 1976, 7, 114-123.	0.0	0
260	Nature of the solvent and the temperature as factors in the viscosity properties of polysulfonamide solutions. Fibre Chemistry, 1976, 8, 195-198.	0.0	0
261	Some physico-chemical characteristics of low-cost viscose. Fibre Chemistry, 1975, 6, 406-409.	0.0	0
262	The structural and filterability indices of viscose. Fibre Chemistry, 1975, 6, 277-279.	0.0	0
263	General principles and methods of investigating the rheology in the uniaxial extension of polymeric systems. Fibre Chemistry, 1975, 7, 20-30.	0.0	0
264	Correlation of the effective and complex dynamic viscosities of viscose. Polymer Mechanics, 1975, 9, 672-674.	0.1	0
265	Rheological properties of anisotropic poly(para-benzamide) solutions. Journal of Polymer Science, Polymer Physics Edition, 1974, 12, 1753-1770.	1.0	175
266	Viscometric criteria for transition of poly-p-benzamide solutions into the liquid-crystalline state. Polymer Science USSR, 1974, 16, 200-207.	0.2	5
267	A method of determining viscose quality. Fibre Chemistry, 1973, 4, 144-146.	0.0	0
268	The concentration and degree of polymerization of the cellulose as factors in the viscosity properties of the viscose. Fibre Chemistry, 1973, 4, 155-159.	0.0	1
269	Kinetics of viscose ripening. Fibre Chemistry, 1973, 5, 305-309.	0.0	0
270	Viscosity behaviour of polymeric spinning solutions containing anisodiametric filler particles. Fibre Chemistry, 1973, 5, 22-26.	0.0	0

#	Article	IF	Citations
271	Variation of the gel particle content of viscose during the ripening process. Fibre Chemistry, 1973, 4, 338-339.	0.0	0
272	Fibre from mixtures of polyacrylonitrile with cellulose. Fibre Chemistry, 1973, 4, 458-462.	0.0	1
273	The rheological properties of viscose. Fibre Chemistry, 1972, 2, 417-426.	0.0	1
274	The temperature dependence of the viscosity of the ripening viscose. Fibre Chemistry, 1972, 3, 379-382.	0.0	1
275	The temperature dependence of the viscosity of viscose. Fibre Chemistry, 1972, 3, 154-156.	0.0	0
276	The preparation method and composition of the viscose as factors in its physico-chemical properties in the ripening process. Fibre Chemistry, 1971, 3, 642-645.	0.0	0