Valery G Kulichikhin

List of Publications by Year
in descending order

276	2,853	186265	265206
papers	citations	28 h-index	42 g-index

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

#	Article	IF	Citations
1	Rheological properties of anisotropic poly(para-benzamide) solutions. Journal of Polymer Science, Polymer Physics Edition, 1974, 12, 1753-1770.	1.0	175
2	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
3	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
4	A modern look on yield stress fluids. Rheologica Acta, 2017, 56, 177-188.	2.4	84
5	Rheological comparison of light and heavy crude oils. Fuel, 2016, 186, 157-167.	6.4	82
6	Rheological Evidence of Gel Formation in Dilute Poly(acrylonitrile) Solutions. Macromolecules, 2013, 46, 257-266.	4.8	78
7	Polymer extension flows and instabilities. Progress in Polymer Science, 2014, 39, 959-978.	24.7	67
8	Viscoplasticity and stratified flow of colloid suspensions. Soft Matter, 2012, 8, 2607.	2.7	47
9	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
10	Anisotropic viscoelasticity of liquid crystalline polymers. Journal of Rheology, 1990, 34, 281-293.	2.6	42
11	Some Compositional Viscosity Correlations for Crude Oils from Russia and Norway. Energy & Fuels, 2016, 30, 9322-9328.	5.1	42
12	Rheology and morphology of polymer blends containing liquid-crystalline component in melt and solid state. Journal of Applied Polymer Science, 1991, 42, 363-372.	2.6	40
13	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.	2.1	40
14	Solâ€“gel transition and rheological properties of silica nanoparticle dispersions. Colloid Journal, 2016, 78, 608-615.	1.3	38
15	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
16	Gels of cysteine/Ag-based dilute colloid systems and their rheological properties. Soft Matter, 2011, 7, 9090.	2.7	36
17	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
18	Spinnability of Dilute Polymer Solutions. Macromolecules, 2017, 50, 8231-8244.	4.8	36

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19	Effect of Chain Structure on the Rheological Properties of Vinyl Acetateâ€“Vinyl Alcohol Copolymers in Solution and Bulk. Macromolecules, 2014, 47, 4790-4804.	4.8	35
20	Rheological properties of heavy oil emulsions with different morphologies. Journal of Petroleum Science and Engineering, 2017, 149, 522-530.	4.2	35
21	Rheological properties of polyethylene/metaboric acid thermoplastic blends. Rheologica Acta, 2014, 53, 467-475.	2.4	34
22	Structure and rheology of highly concentrated emulsions: a modern look. Russian Chemical Reviews, 2015, 84, 803-825.	6.5	33
23	Modifying the Viscosity of Heavy Crude Oil Using Surfactants and Polymer Additives. Energy & Fuels, 2018, 32, 11991-11999.	5.1	32
24	Unusual rheological effects observed in polyacrylonitrile solutions. Polymer Science - Series A, 2013, 55, 503-509.	1.0	31
25	A Novel Technique for Fiber Formation: Mechanotropic Spinningâ€”Principle and Realization. Polymers, 2018, 10, 856.	4.5	31
26	Rheological, mechanical, and adhesive properties of thermoplastic-LCP blends filled by glass fibers. Polymer Engineering and Science, 1997, 37, 1314-1321.	3.1	30
27	Phase state and rheology of polyisobutylene blends with silicone resin. Rheologica Acta, 2020, 59, 375-386.	2.4	29
28	Heavy oil as an emulsion: Composition, structure, and rheological properties. Colloid Journal, 2016, 78, 735-746.	1.3	28
29	Phase behavior and rheology of miscible and immiscible blends of linear and hyperbranched siloxane macromolecules. Materials Today Communications, 2020, 22, 100833.	1.9	27
30	The rheological characterisation of typical injection implants based on hyaluronic acid for contour correction. Rheologica Acta, 2016, 55, 223-233.	2.4	26
31	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.	1.7	25
32	Shear thickening and dynamic glass transition of concentrated suspensions. State of the problem. Colloid Journal, 2016, 78, 1-8.	1.3	24
33	Rheological properties of carbon black-filled blends of liquid-crystalline copolyester with thermoplastic polysulfone. Rheologica Acta, 1993, 32, 352-360.	2.4	23
34	Modeling macromolecular movement in polymer melts and its relation to nonlinear rheology. Rheologica Acta, 2011, 50, 485-489.	2.4	23
35	Rheological properties of road bitumens modified with polymer and solid nanosized additives. Colloid Journal, 2014, 76, 425-434.	1.3	23
36	Rheokinetics of free-radical polymerization of acrylamide in an aqueous solution. Polymer Engineering and Science, 1997, 37, 1331-1338.	3.1	22

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37	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
38	Rheological Properties of Liquid-crystalline Polymer Solutions. International Journal of Polymeric Materials and Polymeric Biomaterials, 1982, 9, 239-256.	3.4	20
39	Blend composites based on liquid crystal thermoplast. Review. Polymer Science USSR, 1991, 33, 1-37.	0.2	20
40	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
41	Rheological peculiarities of concentrated suspensions. Colloid Journal, 2012, 74, 472-482.	1.3	20
42	Formation of concentrated emulsions in heavy oil. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 504, 343-349.	4.7	20
43	Rheology of carbosilane dendrimers with various types of end groups. Polymer Science - Series A, 2010, 52, 1156-1162.	1.0	19
44	Rheologyâ€“Structure Interrelationships of Hydroxypropylcellulose Liquid Crystal Solutions and Their Nanocomposites under Flow. Macromolecules, 2013, 46, 1144-1157.	4.8	19
45	Liquid filament instability due to stretch-induced phase separation in polymer solutions. European Physical Journal E, 2014, 37, 10.	1.6	19
46	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.	1.7	19
47	On the flow of anisotropic solutions of poly-p-phenyleneterephthalamide. Polymer Science USSR, 1976, 18, 672-680.	0.2	18
48	Specific rheology - morphology relationships for some blends containing LCPs. Rheologica Acta, 2001, 40, 49-59.	2.4	18
49	The Role of Structure in Polymer Rheology: Review. Polymers, 2022, 14, 1262.	4.5	18
50	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
51	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.	14.7	17
52	Phase state and rheology of polyisobutylene mixtures with decyl surface modified silica nanoparticles. Polymer Science - Series A, 2014, 56, 798-811.	1.0	17
53	Mesophase polymers in the coming decade: problems and trends. Pure and Applied Chemistry, 1991, 63, 925-940.	1.9	16
54	Mesophase structure of some flexible chain polymers. Polymer Engineering and Science, 1992, 32, 1188-1203.	3.1	16

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55	Relaxation Properties of Pressure-sensitive Adhesives upon Withdrawal of Bonding Pressure. Journal of Adhesion, 2005, 81, 77-107.	3.0	16
56	Rheology of aqueous poly(ethylene oxide) solutions reinforced with bentonite clay. Colloid Journal, 2013, 75, 267-273.	1.3	16
57	Rheological properties of liquid crystalline polymer systems. Review. Polymer Science USSR, 1984, 26, 499-524.	0.2	15
58	Non-symmetric viscoelasticity of anisotropic polymer liquids. Rheologica Acta, 2000, 39, 360-370.	2.4	15
59	Rheological properties of concentrated aqueous solutions of anionic and cationic polyelectrolyte mixtures. Polymer Science - Series A, 2008, 50, 751-756.	1.0	15
60	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
61	Rheological properties of emulsions formed by polymer solutions and modified by nanoparticles. Colloid and Polymer Science, 2015, 293, 1647-1654.	2.1	15
62	Development of Composite Materials Based on Improved Nanodiamonds. , 2007, , 29-43.		14
63	Miscibility and rheological properties of epoxy resin blends with aromatic polyethers. Polymer Science - Series A, 2015, 57, 177-185.	1.0	14
64	Mechanism of dissolution of cellulose in non-aqueous dissolving systems. Review. Polymer Science USSR, 1986, 28, 1995-2011.	0.2	13
65	Crystal solvates of thermotropic alkylenearomatic copolyesters and poly(m-phenyleneisophthalamide) with N-methylmorpholine-N-oxide. Polymer Science - Series A, 2008, 50, 665-678.	1.0	13
66	Self-assembly and elastic instability in polymer flows. Polymer Science - Series A, 2009, 51, 1313-1328.	1.0	13
67	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
68	Peculiarities of the surface crystallization of sodium chloride on mucin films. Colloid Journal, 2012, 74, 207-214.	1.3	12
69	Viscosity of polyacrylonitrile solutions: The effect of the molecular weight. Polymer Science - Series A, 2015, 57, 494-500.	1.0	12
70	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.	1.7	12
71	Solutions of acrylonitrile copolymers in N -methylmorpholine- N -oxide: Structure, properties, fiber spinning. European Polymer Journal, 2017, 92, 326-337.	5.4	12
72	Dripping and jetting of semi-dilute polymer solutions co-flowing in co-axial capillaries. Physics of Fluids, 2021, 33, .	4.0	12

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73	Comb-Like Polymethylsiloxanes. Synthesis, Structure and Properties. Silicon, 2015, 7, 177-189.	3.3	11
74	Spreading of Oil-in-Water Emulsions on Water Surface. Langmuir, 2018, 34, 10974-10983.	3.5	11
75	Structuring during flow of polymer and colloidal systems. Polymer Science - Series A, 2010, 52, 1083-1104.	1.0	10
76	Rheological and relaxation properties of MQ copolymers. Polymer Science - Series A, 2012, 54, 177-186.	1.0	10
77	Pressure losses in flow of viscoelastic polymeric fluids through short channels. Journal of Rheology, 2014, 58, 433-448.	2.6	10
78	Influence of Precipitation and Conditioning Baths on the Structure, Morphology, and Properties of Cellulose Films. Fibre Chemistry, 2016, 48, 298-305.	0.2	10
79	A Role of Coagulant in Structure Formation of Fibers and Films Spun from Cellulose Solutions. Materials, 2020, 13, 3495.	2.9	10
80	Films of Bacterial Cellulose Prepared from Solutions in N-Methylmorpholine-N-Oxide: Structure and Properties. Processes, 2020, 8, 171.	2.8	10
81	Orientational structure formation in lyotropic, liquid crystals of poly-p-benzamide. Polymer Science USSR, 1976, 18, 3031-3043.	0.2	9
82	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
83	Generalized characteristic of polymer blend melt viscosity. Rheologica Acta, 1991, 30, 581-584.	2.4	9
84	Interchain exchange and interdiffusion in blends of poly(ethylene terephthalate) and poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	9
85	Solubility, Rheology, and Coagulation Kinetics of Poly-(O-Aminophenylene)Naphthoylenimide Solutions. Polymers, 2020, 12, 2454.	4.5	9
86	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.	2.9	9
87	Stability of polymer jets in extension: physicochemical and rheological mechanisms. Russian Chemical Reviews, 2020, 89, 811-823.	6.5	9
88	Superposition of temperature and diluent concentration for the viscosity reduction of heavy crude oil. Journal of Dispersion Science and Technology, 2021, 42, 270-277.	2.4	9
89	Transitions in anisotropic solutions of poly-p-phenyleneterephthalamide. Polymer Science USSR, 1978, 20, 2500-2509.	0.2	8
90	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

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91	Structure and mechanical properties of thermoplastics modified with nanodiamonds. Polymer Science - Series A, 2011, 53, 765-774.	1.0	8
92	Entanglement junctions in melts and concentrated solutions of flexible-chain polymers: Macromodeling. Polymer Science - Series A, 2011, 53, 1198-1206.	1.0	8
93	Rheological properties of poly(1-trimethylsilyl-1-propyne) solutions. Polymer Science - Series A, 2013, 55, 510-517.	1.0	8
94	Composite fibers based on cellulose and polyacrylonitrile copolymers. Russian Journal of General Chemistry, 2017, 87, 1351-1356.	0.8	8
95	Structural and Morphological Features of Carbonâ€"Silicon-Carbide Fibers Based on Cellulose and Triethoxyvinylsilane. Fibre Chemistry, 2018, 50, 79-84.	0.2	8
96	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.	1.0	8
97	Composite Fibers Based on Cellulose and Vinyltriethoxysilane as Precursors of Carbon Materials. Polymer Science - Series B, 2020, 62, 152-162.	0.8	8
98	New Hydrated Cellulose Fiber Based on Flax Cellulose. Russian Journal of General Chemistry, 2021, 91, 1807-1815.	0.8	8
99	Effect of magnetic field on anisotropic solutions of poly-p-benzamide. Polymer Science USSR, 1976, 18, 256-265.	0.2	7
100	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
101	Rheological properties and phase behavior of a hydroxypropyl cellulose-poly(ethylene glycol) system. Polymer Science - Series A, 2010, 52, 144-149.	1.0	7
102	Phase state and rheology of organosilicon nanocomposites with functionalized hyperbranched nanoparticles. Polymer Science - Series A, 2016, 58, 987-995.	1.0	7
103	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
104	Explosive spreading of a concentrated emulsion over a liquid surface. Colloid Journal, 2017, 79, 414-417.	1.3	7
105	Condisâ€crystal structure of flexibleâ€chain polymers in polymer blends. Makromolekulare Chemie Macromolecular Symposia, 1990, 38, 275-286.	0.6	6
106	Electric and dynamic birefringence in solutions of poly-bis-trifluoroethoxyphosphazene. European Polymer Journal, 1992, 28, 1031-1034.	5.4	6
107	Modeling of structural reaction injection molding. Part II: Comparison with experimental data. Polymer Engineering and Science, 2002, 42, 846-858.	3.1	6
108	Properties of oil1/water/oil2 double emulsions containing lipophilic acrylic polymer. Colloid Journal, 2012, 74, 541-552.	1.3	6

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109	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.	4.0	6
110	Phase separation of polymer solutions on a solvent surface. Colloid Journal, 2017, 79, 278-285.	1.3	6
111	The Effect of Tetraethoxysilane on the Phase State, Rheological Properties, and Coagulation Features of Polyacrylonitrile Solutions. Colloid Journal, 2019, 81, 165-175.	1.3	6
112	Self-Oscillations Accompanying Shear Flow of Colloidal and Polymeric Systems. Reality and Instrumental Effects. Colloid Journal, 2019, 81, 176-186.	1.3	6
113	Elasticity and plasticity of highly concentrated noncolloidal suspensions under shear. Journal of Rheology, 2020, 64, 469-479.	2.6	6
114	The shape of a falling jet formed by concentrated polymer solutions. Physics of Fluids, 2021, 33, .	4.0	6
115	Viscometric criteria for transition of poly-p-benzamide solutions into the liquid-crystalline state. Polymer Science USSR, 1974, 16, 200-207.	0.2	5
116	Variation of mechanical properties of polysulphonamide solutions in gel formation. Polymer Science USSR, 1976, 18, 2967-2975.	0.2	5
117	Viscosity anisotropy and orientation in liquid crystals of poly-p-benzamide in shear deformation. Polymer Science USSR, 1979, 21, 1545-1553.	0.2	5
118	Effect of precipitation conditions on the properties of yarns obtained from solutions of cellulose in methylmorpholine oxide. Fibre Chemistry, 1986, 17, 417-419.	0.2	5
119	Viscosity properties and structure of poly-p-Phenyleneterephthaloyl benzamide solutions. Polymer Science USSR, 1987, 29, 2792-2800.	0.2	5
120	Rheological and mechanical properties of ABS plastics prepared by bulk polymerization. Polymer Science - Series A, 2006, 48, 338-345.	1.0	5
121	Diffusion and phase behavior of a hydroxypropylcellulose-poly(ethylene glycol) system. Polymer Science - Series A, 2007, 49, 433-441.	1.0	5
122	On the basic laws of anisotropic viscoelasticity. Rheologica Acta, 2007, 46, 1131-1138.	2.4	5
123	Solutions of mixtures of cellulose and synthetic polymers in N-methylmorpholine-N-oxide. Polymer Science - Series A, 2009, 51, 283-294.	1.0	5
124	Properties of carrageenan gels with immobilized lysozyme. Colloid Journal, 2009, 71, 271-280.	1.3	5
125	Structural evolution of liquid-crystalline solutions of hydroxypropyl cellulose and hydroxypropyl cellulose-based nanocomposites during flow. Polymer Science - Series A, 2011, 53, 748-764.	1.0	5
126	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

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127	Morphological Features and Rheological Properties of Combined Cellulose and Polyacrylonitrile Solutions in N-Methylmorpholine-N-oxide. Polymer Science - Series A, 2018, 60, 796-804.	1.0	5
128	Fibers spinning from poly(trimethylsilylpropyne) solutions. Journal of Applied Polymer Science, 2020, 137, 48511.	2.6	5
129	Comparing flow characteristics of viscoelastic liquids in long and short capillaries (entrance) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	4.0	5
130	Synthesis and Properties of Thermotropic Copolyesters Based on Poly(ethylene terephthalate) and 4â€²-Acetoxy-4-biphenyl-carboxylic Acid. Polymers, 2021, 13, 1720.	4.5	5
131	Rheology of Highly Concentrated Suspensions with a Bimodal Size Distribution of Solid Particles for Powder Injection Molding. Polymers, 2021, 13, 2709.	4.5	5
132	Rheological and relaxation behaviour of filled LC-thermoplastics and their blends. , 1996, , 135-184.		5
133	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.	1.7	5
134	Some Specifics of Defect-Free Poly-(o-aminophenylene)naphthoylenimide Fibers Preparation by Wet Spinning. Materials, 2022, 15, 808.	2.9	5
135	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
136	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.	0.2	4
137	Viscoelasticity and effects of interphase interaction in blends of conventional and liquid-crystalline thermoplasts. Polymer Science USSR, 1991, 33, 160-167.	0.2	4
138	Peculiar features in the rheological behavior of electrorheological suspensions. Rheologica Acta, 1994, 33, 117-124.	2.4	4
139	Nonlinear elasticity and friction of liquid-crystalline polymer monolayers. Journal of Chemical Physics, 1998, 109, 827-833.	3.0	4
140	Liquid-phase Catalytic Oxidation of 2,5-Dimethylbiphenyl. Russian Journal of Organic Chemistry, 2001, 37, 830-833.	0.8	4
141	Anisotropic electroconducting polymer-silicate composites based on polyaniline. Polymer Science - Series B, 2010, 52, 91-100.	0.8	4
142	Structure and properties of composites based on polyethylene oxide and molecular silicasol. Nanotechnologies in Russia, 2013, 8, 81-91.	0.7	4
143	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
144	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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145	Rheological Properties of Acrylonitrile Terpolymer Solutions Synthesized by Different Methods. Polymer Science - Series A, 2018, 60, 894-901.	1.0	4
146	â€œMechanotropicâ€•mechanism of electrospinning. AIP Conference Proceedings, 2018, , .	0.4	4
147	Composite Fibers From Cellulose Solutions with Additives of Bis (Trimethylsilyl) Acetylene and Alkoxysilanes: Rheology, Structure and Properties. Fibre Chemistry, 2019, 51, 26-31.	0.2	4
148	Plasticity of Highly Concentrated Suspensions. Colloid Journal, 2019, 81, 532-540.	1.3	4
149	Unexpected rheological behavior of solutions of aromatic polyamide in transient physical states. Physics of Fluids, 2020, 32, 073107.	4.0	4
150	Compositions Based on PAN Solutions Containing Polydimethylsiloxane Additives: Morphology, Rheology, and Fiber Spinning. Polymers, 2020, 12, 815.	4.5	4
151	Peculiarities of Dissolving Polyacrylonitrile Copolymer Containing Methylsulfo Groups in N-Methylmorpholine-N-Oxide. Polymer Science - Series A, 2020, 62, 597-606.	1.0	4
152	Some physicochemical properties of the methylmorpholine-N-oxide-water system. Fibre Chemistry, 1983, 15, 30-33.	0.2	3
153	Thixotropic properties of electrorheological suspensions in continuous deformation. Journal of Engineering Physics, 1990, 59, 835-841.	0.0	3
154	Aspects of flow and structural transitions in alkylene aromatic polyesters. Polymer Science USSR, 1990, 32, 68-75.	0.2	3
155	Structure of poly-bis-trifluoroethoxyphosphazene fibres. Polymer Science USSR, 1990, 32, 108-115.	0.2	3
156	Mesophase State of Polyorganophosphazenes. Partially Ordered Systems, 1994, , 258-297.	6.5	3
157	Macromolecular dynamics in anisotropic viscoelastic liquids. Macromolecular Symposia, 1994, 81, 45-53.	0.7	3
158	Relationships between processing conditions and rheological behavior of polyethylenes. Polymer Engineering and Science, 2004, 44, 615-624.	3.1	3
159	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
160	Rheology of liquid-crystalline solutions of hydroxylpropyl cellulose filled with layered silicate particles. Polymer Science - Series A, 2010, 52, 60-71.	1.0	3
161	Rheology of linear and branched styreneâ€“acrylonitrile copolymers. Similarities and differences. Polymer Science - Series A, 2010, 52, 1142-1155.	1.0	3
162	Rheology of complex anisotropic fluids. Colloid Journal, 2011, 73, 614-620.	1.3	3

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163	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.	1.0	3
164	Colloid-chemical aspects of protein crystallization. Russian Chemical Bulletin, 2013, 62, 338-354.	1.5	3
165	Dynamics of a conducting polymer jet in an electric field. Polymer Science - Series A, 2014, 56, 211-218.	1.0	3
166	Self-Organization of Polymeric Fluids in Strong Stress Fields. Advances in Condensed Matter Physics, 2015, 2015, 1-17.	1.1	3
167	Phase equilibrium and rheology of poly(1-trimethylsilyl-1-propyne) solutions. Polymer Science - Series A, 2017, 59, 1-11.	1.0	3
168	Composite fibres based on cellulose and vinyltriethoxysilane: preparation, properties and carbonization. IOP Conference Series: Materials Science and Engineering, 2018, 347, 012032.	0.6	3
169	Deformation Properties of Concentrated Metal-in-Polymer Suspensions under Superimposed Compression and Shear. Polymers, 2020, 12, 1038.	4.5	3
170	Molecular motion in mixtures of polymer melts in a capillary flow. Journal of Molecular Liquids, 2021, 344, 117919.	4.9	3
171	Synthesis of Poly(Ethylene Terephthalate)â€“4'-Hydroxybiphenyl-4-Carboxylic Acid Copolymers by Transesterification. Polymer Science - Series B, 2021, 63, 745-753.	0.8	3
172	Spectroscopic method of determining the proportion of liquid crystalline phase in anisotropic polymer solutions. Polymer Science USSR, 1976, 18, 1077-1079.	0.2	2
173	A quantitative description of the stress and velocity fields in the flow of polymer systems through spinneret channels. Fibre Chemistry, 1985, 17, 100-105.	0.2	2
174	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
175	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
176	Rheological properties of poly-bis-(trifluoreethoxy)phosphazene solutions. Polymer Science USSR, 1989, 31, 941-948.	0.2	2
177	Rheology and morphology of polymer blends in melt and solid state. Makromolekulare Chemie Macromolecular Symposia, 1990, 38, 173-181.	0.6	2
178	Preparation of hydrocellulose fibres with increased elasticity from solutions of cellulose in n-methylmorpholine-n-oxide. Fibre Chemistry, 1990, 21, 317-320.	0.2	2
179	Rheology of anisotropic homogeneous and heterogeneous media. Makromolekulare Chemie Macromolecular Symposia, 1992, 56, 79-90.	0.6	2
180	Interphase interaction in heterogeneous polymeric systems containing liquid-crystalline component. Russian Chemical Bulletin, 1994, 43, 1753-1769.	1.5	2

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181	Extension rheology of liquid-crystalline solution/layered silicate hybrids. Polymer Engineering and Science, 2010, 50, 789-799.	3.1	2
182	Emulsion approach to production of polymer films used as carriers of lysozyme. Colloid Journal, 2011, 73, 635-645.	1.3	2
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