

Petr Stepanek

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Cascade of Coil-Globule Conformational Transitions of Single Flexible Polyelectrolyte Molecules in Poor Solvent. <i>Journal of the American Chemical Society</i> , 2002, 124, 13454-13462.	6.6	164
2	Brightly Luminescent Organically Capped Silicon Nanocrystals Fabricated at Room Temperature and Atmospheric Pressure. <i>ACS Nano</i> , 2010, 4, 4495-4504.	7.3	161
3	Static and dynamic crossover in a critical polymer mixture. <i>Physical Review Letters</i> , 1990, 65, 1893-1896.	2.9	137
4	Multicompartment Lipid Cubic Nanoparticles with High Protein Upload: Millisecond Dynamics of Formation. <i>ACS Nano</i> , 2014, 8, 5216-5226.	7.3	136
5	Smart polymers in drug delivery systems on crossroads: Which way deserves following?. <i>European Polymer Journal</i> , 2015, 65, 82-97.	2.6	111
6	Structure and Dynamics of Poly(n-decyl methacrylate) below and above the Glass Transition. <i>Macromolecules</i> , 1998, 31, 6951-6957.	2.2	102
7	Semidilute solutions of poly(methacrylic acid) in the absence of salt: Dynamic light-scattering study. <i>Polymer</i> , 1987, 28, 873-880.	1.8	100
8	Dynamic behavior of .THETA. solutions of polystyrene investigated by dynamic light scattering. <i>Macromolecules</i> , 1990, 23, 1165-1174.	2.2	86
9	DNA/Fusogenic Lipid Nanocarrier Assembly: Millisecond Structural Dynamics. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1959-1964.	2.1	86
10	Static and dynamic scattering from ternary polymer blends: Bicontinuous microemulsions, Lifshitz lines, and amphiphilicity. <i>Journal of Chemical Physics</i> , 2001, 114, 7247-7259.	1.2	79
11	pH-triggered block copolymer micelles based on a pH-responsive PDPA (poly[2-(diisopropylamino)ethyl] Tj ETQq1 1 0.784314 rgBT /Ove cancer therapy. <i>Soft Matter</i> , 2011, 7, 9316.	1.2	77
12	Synthesis and pH- and salinity-controlled self-assembly of novel amphiphilic block-gradient copolymers of styrene and acrylic acid. <i>Soft Matter</i> , 2012, 8, 7649.	1.2	72
13	Dynamics of the "Strong" Polymer of n-Lauryl Methacrylate below and above the Glass Transition. <i>Macromolecules</i> , 1995, 28, 6799-6807.	2.2	71
14	Aggregation behavior of amphiphilic poly(2-alkyl-2-oxazoline) diblock copolymers in aqueous solution studied by fluorescence correlation spectroscopy. <i>Colloid and Polymer Science</i> , 2004, 282, 833-843.	1.0	69
15	Global Analysis of Dynamic Light Scattering Autocorrelation Functions. <i>Particle and Particle Systems Characterization</i> , 1996, 13, 291-294.	1.2	68
16	Earliest Stage of the Tetrahedral Nanochannel Formation in Cubosome Particles from Unilamellar Nanovesicles. <i>Langmuir</i> , 2012, 28, 16647-16655.	1.6	68
17	Critical dynamics of polymer blends. <i>Journal of Chemical Physics</i> , 1991, 94, 8289-8301.	1.2	64
18	Polyethylenimine based magnetic nanoparticles mediated non-viral CRISPR/Cas9 system for genome editing. <i>Scientific Reports</i> , 2020, 10, 4619.	1.6	64

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19	Effect of pressure on the side-chain crystallization of poly(n-octadecyl methacrylate) studied by dielectric spectroscopy. <i>Physical Review B</i> , 2000, 62, 14012-14019.	1.1	63
20	pH-triggered reversible sol-gel transition in aqueous solutions of amphiphilic gradient copolymers. <i>Soft Matter</i> , 2011, 7, 10824.	1.2	63
21	Dynamic Light Scattering from Dilute, Semidilute, and Concentrated Block Copolymer Solutions. <i>Macromolecules</i> , 1995, 28, 1643-1653.	2.2	60
22	Combination chemotherapy using core-shell nanoparticles through the self-assembly of HPMA-based copolymers and degradable polyester. <i>Journal of Controlled Release</i> , 2013, 165, 153-161.	4.8	57
23	Dilute and semidilute solutions of ABA block copolymer in solvents selective for A or B blocks: 2. Light scattering and sedimentation study. <i>Polymer</i> , 1990, 31, 2118-2124.	1.8	55
24	Topology and internal structure of PEGylated lipid nanocarriers for neuronal transfection: synchrotron radiation SAXS and cryo-TEM studies. <i>Soft Matter</i> , 2011, 7, 9714.	1.2	54
25	Fluorescent boronate-based polymer nanoparticles with reactive oxygen species (ROS)-triggered cargo release for drug-delivery applications. <i>Nanoscale</i> , 2016, 8, 6958-6963.	2.8	54
26	Novel pH-Responsive Nanoparticles. <i>Langmuir</i> , 2008, 24, 9295-9301.	1.6	52
27	Aggregation Behavior of a New Series of ABA Triblock Copolymers Bearing Short Outer A Blocks in B-Selective Solvent: From Free Chains to Bridged Micelles. <i>Langmuir</i> , 2009, 25, 731-738.	1.6	51
28	Macromolecular HPMA-Based Nanoparticles with Cholesterol for Solid-Tumor Targeting: Detailed Study of the Inner Structure of a Highly Efficient Drug Delivery System. <i>Biomacromolecules</i> , 2012, 13, 2594-2604.	2.6	51
29	Novel biodegradable nanoparticles prepared from aliphatic based monomers as a potential drug delivery system. <i>Soft Matter</i> , 2012, 8, 4343.	1.2	51
30	Dynamic Light Scattering from Block Copolymer Melts near the Order-Disorder Transition. <i>Macromolecules</i> , 1996, 29, 1244-1251.	2.2	49
31	Physicochemical aspects behind the size of biodegradable polymeric nanoparticles: A step forward. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 436, 1092-1102.	2.3	49
32	Dynamics of ternary polymer blends: Disordered, ordered and bicontinuous microemulsion phases. <i>Faraday Discussions</i> , 1999, 112, 335-350.	1.6	48
33	Dynamic light scattering from microstructured block copolymer solutions. <i>Macromolecules</i> , 1991, 24, 6227-6230.	2.2	45
34	Quasielastic light scattering from polymers, colloids and gels. <i>Advances in Colloid and Interface Science</i> , 1984, 21, 195-274.	7.0	44
35	Curcumin-bortezomib loaded polymeric nanoparticles for synergistic cancer therapy. <i>European Polymer Journal</i> , 2017, 93, 116-131.	2.6	44
36	Block and Gradient Copoly(2-oxazoline) Micelles: Strikingly Different on the Inside. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3800-3804.	2.1	44

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37	Multiple Relaxations of Concentration Fluctuations in Entangled Polymer Solutions. <i>Macromolecules</i> , 1998, 31, 1889-1897.	2.2	41
38	Thermoresponsive Polymers for Nuclear Medicine: Which Polymer Is the Best?. <i>Langmuir</i> , 2016, 32, 6115-6122.	1.6	40
39	Dynamic Light Scattering from Block Copolymer Solutions under the Zero Average Contrast Condition. <i>Macromolecules</i> , 1995, 28, 3221-3229.	2.2	39
40	Polymeric nanocapsules ultra stable in complex biological media. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 83, 376-381.	2.5	39
41	Hydrolytically Degradable Polymer Micelles for Drug Delivery: A SAXS/SANS Kinetic Study. <i>Biomacromolecules</i> , 2013, 14, 4061-4070.	2.6	39
42	System with embedded drug release and nanoparticle degradation sensor showing efficient rifampicin delivery into macrophages. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 307-315.	1.7	38
43	Distribution of relaxation times from dynamic light scattering on semidilute solutions: polystyrene in ethyl acetate as a function of temperature from good to .THETA. conditions. <i>Macromolecules</i> , 1988, 21, 1791-1798.	2.2	37
44	Effect of Hydrophobic Interactions on Properties and Stability of DNA~Polyelectrolyte Complexes. <i>Langmuir</i> , 2010, 26, 4999-5006.	1.6	37
45	Morphology of polystyrene-block-poly(styrene-co-acrylonitrile) and polystyrene-block-poly(styrene-co-acrylonitrile-co-5-vinyltetrazole) diblock copolymers prepared by nitroxide-mediated radical polymerization and "click" chemistry. <i>European Polymer Journal</i> , 2008, 44, 189-199.	2.6	36
46	Self-assembly of biodegradable copolyester and reactive HPMA-based polymers into nanoparticles as an alternative stealth drug delivery system. <i>Soft Matter</i> , 2012, 8, 9563.	1.2	35
47	Osmotic compressibility measurements on semidilute polystyrene-cyclohexane solutions. <i>Macromolecules</i> , 1984, 17, 2340-2343.	2.2	33
48	Viscoelastic relaxation in semidilute and concentrated polymer solutions. <i>Macromolecules</i> , 1993, 26, 6884-6890.	2.2	33
49	Temoporfin-loaded 1-tetradecanol-based thermoresponsive solid lipid nanoparticles for photodynamic therapy. <i>Journal of Controlled Release</i> , 2016, 241, 34-44.	4.8	33
50	Static and dynamic properties of multiple light scattering. <i>Journal of Chemical Physics</i> , 1993, 99, 6384-6393.	1.2	32
51	Porphyrin Protonation Studied by Magnetic Circular Dichroism. <i>Journal of Physical Chemistry A</i> , 2012, 116, 778-783.	1.1	32
52	pH-responsive polymersome-mediated delivery of doxorubicin into tumor sites enhances the therapeutic efficacy and reduces cardiotoxic effects. <i>Journal of Controlled Release</i> , 2021, 332, 529-538.	4.8	32
53	Computation of magnetic circular dichroism by sum~states summations. <i>Journal of Computational Chemistry</i> , 2013, 34, 1531-1539.	1.5	31
54	Nanoparticles of the poly([N-(2-hydroxypropyl)]methacrylamide)-b-poly[2-(diisopropylamino)ethyl methacrylate] diblock copolymer for pH-triggered release of paclitaxel. <i>Polymer Chemistry</i> , 2015, 6, 4946-4954.	1.9	31

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55	Coil-globule transition of a single polystyrene chain in dioctyl phthalate. <i>Macromolecules</i> , 1982, 15, 1214-1216.	2.2	30
56	Rifampicin Nanoformulation Enhances Treatment of Tuberculosis in Zebrafish. <i>Biomacromolecules</i> , 2019, 20, 1798-1815.	2.6	30
57	Comb copolymers of polystyrene-poly(tert-butyl (meth)acrylate) prepared by combination of nitroxide mediated polymerization and photoinduced iniferter technique. <i>European Polymer Journal</i> , 2008, 44, 59-71.	2.6	29
58	Novel poly(ethylene oxide monomethyl ether)-b-poly(ϵ -caprolactone) diblock copolymers containing a pH-acid labile ketal group as a block linkage. <i>Polymer Chemistry</i> , 2014, 5, 3884-3893.	1.9	29
59	Reactive Oxygen Species (ROS)-Responsive Polymersomes with Site-Specific Chemotherapeutic Delivery into Tumors via Spacer Design Chemistry. <i>Biomacromolecules</i> , 2020, 21, 1437-1449.	2.6	29
60	Distribution of relaxation times from quasi-elastic light-scattering experiments: high molecular weight polystyrene in cyclopentane at θ conditions. <i>Macromolecules</i> , 1988, 21, 2859-2865.	2.2	28
61	Aggregation of dextran hydrophobically modified by sterically-hindered phenols in aqueous solutions: Aggregates vs. single molecules. <i>European Polymer Journal</i> , 2008, 44, 3361-3369.	2.6	27
62	Light scattering evidence of selective protein fouling on biocompatible block copolymer micelles. <i>Nanoscale</i> , 2012, 4, 4504.	2.8	27
63	One-pot synthesis of reactive oxygen species (ROS)-self-immolative polyoxalate prodrug nanoparticles for hormone dependent cancer therapy with minimized side effects. <i>Polymer Chemistry</i> , 2017, 8, 1999-2004.	1.9	27
64	Coating of Vesicles with Hydrophilic Reactive Polymers. <i>Langmuir</i> , 2008, 24, 7092-7098.	1.6	26
65	pH Sensitive Polymer Nanoparticles: Effect of Hydrophobicity on Self-Assembly. <i>Langmuir</i> , 2010, 26, 14450-14457.	1.6	26
66	Glycogen as a Biodegradable Construction Nanomaterial for in vivo Use. <i>Macromolecular Bioscience</i> , 2012, 12, 1731-1738.	2.1	25
67	Study of Complex Thermosensitive Amphiphilic Polyoxazolines and Their Interaction with Ionic Surfactants. Are Hydrophobic, Thermosensitive, and Hydrophilic Moieties Equally Important?. <i>Journal of Physical Chemistry B</i> , 2014, 118, 4940-4950.	1.2	25
68	Understanding the Structural Parameters of Biocompatible Nanoparticles Dictating Protein Fouling. <i>Langmuir</i> , 2014, 30, 9770-9779.	1.6	25
69	Block copolymer micelles near critical conditions. <i>Journal of Colloid and Interface Science</i> , 1985, 105, 372-377.	5.0	24
70	Relaxation of Concentration Fluctuations in a Shear Field. <i>Macromolecules</i> , 1996, 29, 8888-8893.	2.2	24
71	Self-Diffusion of a Symmetric PEP- α -PDMS Diblock Copolymer above and below the Disorder-to-Order Transition. <i>Macromolecules</i> , 1999, 32, 1956-1961.	2.2	23
72	Morphological studies and ionic transport properties of partially sulfonated diblock copolymers. <i>European Polymer Journal</i> , 2006, 42, 2486-2496.	2.6	23

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73	Combination of α -living nitroxide-mediated and photoiniferter-induced α -grafting from α -free-radical polymerizations: From branched copolymers to unimolecular micelles and microgels. <i>European Polymer Journal</i> , 2009, 45, 1748-1758.	2.6	23
74	Synthesis of thermally responsive cylindrical molecular brushes via a combination of nitroxide-mediated radical polymerization and α -grafting onto α -strategy. <i>European Polymer Journal</i> , 2010, 46, 804-813.	2.6	23
75	Relaxation time distributions of entangled polymer solutions from dynamic light scattering and dynamic mechanical measurements. <i>Macromolecules</i> , 1990, 23, 357-359.	2.2	22
76	Anisotropic Self-Diffusion in a Hexagonally Ordered Asymmetric PEP- α -PDMS Diblock Copolymer Studied by Pulsed Field Gradient NMR. <i>Macromolecules</i> , 1999, 32, 5872-5877.	2.2	22
77	Glycogen-graft-poly(2-alkyl-2-oxazolines) α the new versatile biopolymer-based thermoresponsive macromolecular toolbox. <i>RSC Advances</i> , 2014, 4, 61580-61588.	1.7	22
78	¹⁹ F Magnetic Resonance Imaging of Injectable Polymeric Implants with Multiresponsive Behavior. <i>Chemistry of Materials</i> , 2018, 30, 4892-4896.	3.2	22
79	Interaction between block copolymer micelles in solution. , 1985, , 15-19.		21
80	Polarized and depolarized dynamic light scattering from a block copolymer melt. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1997, 35, 1643-1648.	2.4	21
81	A Dynamic Light Scattering Study of Fast Relaxations in Polymer Solutions. <i>Macromolecules</i> , 2007, 40, 2165-2171.	2.2	21
82	Multi-scale modeling of electronic spectra of three aromatic amino acids: importance of conformational averaging and explicit solute α -solvent interactions. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 20639-20649.	1.3	21
83	Origin α -independent sum over states simulations of magnetic and electronic circular dichroism spectra via the localized orbital/local origin method. <i>Journal of Computational Chemistry</i> , 2015, 36, 723-730.	1.5	21
84	Self-assembly and nanostructure of poly(vinyl alcohol)-graft-poly(methyl methacrylate) amphiphilic nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2019, 553, 512-523.	5.0	21
85	Dilute solutions and phase behavior of polydisperse A-b-(A-co-B) diblock copolymers. <i>Polymer</i> , 2009, 50, 2451-2459.	1.8	20
86	Stimuli-Responsive Spherical Brushes Based on α -D-Galactopyranose and 2-(Dimethylamino)ethyl Methacrylate. <i>Macromolecular Bioscience</i> , 2014, 14, 81-91.	2.1	20
87	Salt-Induced Changes in Triblock Polyampholyte Hydrogels: Computer Simulations and Rheological, Structural, and Dynamic Characterization. <i>Macromolecules</i> , 2015, 48, 8177-8189.	2.2	20
88	Novel triphilic block copolymers based on poly(2-methyl-2-oxazoline) α -block α -poly(2-octyl-2-oxazoline) with different terminal perfluoroalkyl fragments: Synthesis and self-assembly behaviour. <i>European Polymer Journal</i> , 2017, 88, 645-655.	2.6	20
89	Self-diffusion investigations on a series of PEP-PDMS diblock copolymers with different morphologies by pulsed field gradient NMR. <i>Physical Chemistry Chemical Physics</i> , 1999, 1, 3923-3931.	1.3	19
90	New fast method for determination of number of UHMWPE wear particles. <i>Journal of Materials Science: Materials in Medicine</i> , 2004, 15, 1267-1278.	1.7	19

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91	Cubic to Hexagonal Phase Transition Induced by Electric Field. <i>Macromolecules</i> , 2010, 43, 4261-4267.	2.2	19
92	Thermoresponsive Nanoparticles Based on Poly(2-alkyl-2-oxazolines) and Pluronic F127. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1683-1689.	2.0	19
93	Communication: Fullerene resolution by the magnetic circular dichroism. <i>Journal of Chemical Physics</i> , 2013, 138, 151103.	1.2	19
94	Interplay of Thermosensitivity and pH Sensitivity of Amphiphilic Block-Gradient Copolymers of Dimethylaminoethyl Acrylate and Styrene. <i>Macromolecules</i> , 2018, 51, 5219-5233.	2.2	19
95	<p>Paclitaxel-loaded biodegradable ROS-sensitive nanoparticles for cancer therapy</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6269-6285.	3.3	19
96	Small-angle X-ray scattering and light scattering study of hybrid nanoparticles composed of thermoresponsive triblock copolymer F127 and thermoresponsive statistical polyoxazolines with hydrophobic moieties. <i>Journal of Applied Crystallography</i> , 2013, 46, 1690-1698.	1.9	18
97	Silica-based nanoparticles are efficient delivery systems for temoporfin. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 21, 275-284.	1.3	18
98	Fluorophilic-Lipophilic-Hydrophilic Poly(2-oxazoline) Block Copolymers as MRI Contrast Agents: From Synthesis to Self-Assembly. <i>Macromolecules</i> , 2018, 51, 6047-6056.	2.2	18
99	Microfluidic-Assisted Engineering of Quasi-Monodisperse pH-Responsive Polymersomes toward Advanced Platforms for the Intracellular Delivery of Hydrophilic Therapeutics. <i>Langmuir</i> , 2019, 35, 8363-8372.	1.6	18
100	Internal Structural Characterization of Triblock Copolymer Micelles with Looped Corona Chains. <i>Langmuir</i> , 2009, 25, 3487-3493.	1.6	17
101	Novel thermosensitive telechelic PEGs with antioxidant activity: synthesis, molecular properties and conformational behaviour. <i>RSC Advances</i> , 2014, 4, 41763-41771.	1.7	17
102	Dynamic Light Scattering from Polymer Solutions: The Subtraction Technique. <i>Collection of Czechoslovak Chemical Communications</i> , 1995, 60, 1941-1949.	1.0	17
103	Influence of temperature on polyelectrolyte dynamics: partially neutralized solutions of poly(methacrylic acid). <i>Polymer</i> , 1990, 31, 253-257.	1.8	16
104	Micellar size of drag reducing cationic surfactants. <i>Colloid and Polymer Science</i> , 1997, 275, 254-262.	1.0	16
105	Critical phenomena in binary and ternary polymer blends. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2002, 314, 411-418.	1.2	16
106	Quasielastic light scattering from semidilute solutions in $\hat{1}$ -solvent: Distribution functions of decay times. <i>Polymer Bulletin</i> , 1986, 16, 67-73.	1.7	15
107	Self-diffusion of an asymmetric diblock copolymer above and below the order-to-disorder transition temperature. <i>Journal of Chemical Physics</i> , 1999, 111, 2789-2796.	1.2	15
108	Self-Diffusion in a Lamellar and Gyroid (Ordered) Diblock Copolymer Investigated Using Pulsed Field Gradient NMR. <i>Macromolecules</i> , 2001, 34, 868-873.	2.2	15

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109	Biopolymer-based degradable nanofibres from renewable resources produced by freeze-drying. RSC Advances, 2013, 3, 15282.	1.7	15
110	Self-Assembly Thermodynamics of pH-Responsive Amino-Acid-Based Polymers with a Nonionic Surfactant. Langmuir, 2014, 30, 11307-11318.	1.6	15
111	Efficient Condensation of DNA into Environmentally Responsive Polyplexes Produced from Block Cationomers Carrying Amine or Diamine Groups. Langmuir, 2016, 32, 577-586.	1.6	15
112	Fluorinated 2-Alkyl-2-oxazolines of High Reactivity: Spacer-Length-Induced Acceleration for Cationic Ring-Opening Polymerization As a Basis for Triphilic Block Copolymer Synthesis. ACS Macro Letters, 2018, 7, 7-10.	2.3	15
113	Probing protein adsorption onto polymer-stabilized silver nanocolloids towards a better understanding on the evolution and consequences of biomolecular coronas. Materials Science and Engineering C, 2020, 111, 110850.	3.8	15
114	Lipid Nanomaterials for Targeted Delivery of Dermocosmetic Ingredients: Advances in Photoprotection and Skin Anti-Aging. Nanomaterials, 2022, 12, 377.	1.9	15
115	Dynamic light scattering of poly(n-laurylmethacrylate) in the melt and in concentrated ethyl acetate solutions. Journal of Polymer Science, Part B: Polymer Physics, 1997, 35, 1013-1024.	2.4	14
116	Biocompatible succinic acid-based polyesters for potential biomedical applications: fungal biofilm inhibition and mesenchymal stem cell growth. RSC Advances, 2015, 5, 85756-85766.	1.7	14
117	The role of ether-functionalized ionic liquids in the sol-gel process: Effects on the initial alkoxide hydrolysis steps. Journal of Colloid and Interface Science, 2015, 447, 77-84.	5.0	14
118	Double stimuli-responsive polymer systems: How to use crosstalk between pH- and thermosensitivity for drug depots. European Polymer Journal, 2016, 84, 54-64.	2.6	14
119	Photoluminescent polysaccharide-coated germanium(IV) oxide nanoparticles. Colloid and Polymer Science, 2016, 294, 1225-1235.	1.0	14
120	Self-assembled chitosan-alginate polyplex nanoparticles containing temoporfin. Colloid and Polymer Science, 2017, 295, 1259-1270.	1.0	14
121	Hybrid thermoresponsive graft constructs of fungal polysaccharide β -glucan: Physico-chemical and immunomodulatory properties. European Polymer Journal, 2018, 106, 118-127.	2.6	14
122	Investigation of the internal structure of thermoresponsive diblock poly(2-methyl-2-oxazoline)-b-poly[N-(2,2-difluoroethyl)acrylamide] copolymer nanoparticles. European Polymer Journal, 2019, 121, 109306.	2.6	14
123	Polymer materials as promoters/inhibitors of amyloid fibril formation. Colloid and Polymer Science, 2021, 299, 343-362.	1.0	14
124	Positive exponential sum method of inverting Laplace transform applied to photon correlation spectroscopy. European Physical Journal D, 1990, 40, 972-983.	0.4	13
125	Influence of salts on dynamic properties of drag reducing surfactants. Journal of Non-Newtonian Fluid Mechanics, 2001, 97, 251-266.	1.0	13
126	Temperature-Induced Formation of Polymeric Nanoparticles: In Situ SAXS and QENS Experiments. Macromolecular Chemistry and Physics, 2013, 214, 2841-2847.	1.1	13

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127	Novel thermo-responsive double-hydrophilic and hydrophobic MPEO-b-PEtOx-b-PCL triblock terpolymers: Synthesis, characterization and self-assembly studies. <i>Polymer</i> , 2015, 59, 215-225.	1.8	13
128	Thermodynamics of the multi-stage self-assembly of pH-sensitive gradient copolymers in aqueous solutions. <i>Soft Matter</i> , 2016, 12, 6788-6798.	1.2	13
129	Polyelectrolyte pH-Responsive Protein-Containing Nanoparticles: The Physicochemical Supramolecular Approach. <i>Langmuir</i> , 2017, 33, 764-772.	1.6	13
130	Structural changes on polymeric nanoparticles induced by hydrophobic drug entrapment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 538, 238-249.	2.3	13
131	Self-Assembly, Drug Encapsulation, and Cellular Uptake of Block and Gradient Copolymers of 2-Methyl-2-oxazine and 2-(<i>n</i> -Propyl)butyl-2-oxazoline. <i>Macromolecules</i> , 2021, 54, 10667-10681.	2.2	13
132	Dynamic behavior in concentrated polystyrene/cyclohexane solutions close to the $\hat{\Gamma}$ -point. Relaxation time distributions as a function of concentration and temperature. <i>Macromolecules</i> , 1992, 25, 4359-4363.	2.2	12
133	The bulk dynamics of a compositionally asymmetric diblock copolymer studied using dynamic light scattering. <i>European Physical Journal E</i> , 2000, 1, 275.	0.7	12
134	Thermoresponsive $\hat{\Gamma}$ -glucan-based polymers for bimodal immunoradiotherapy â€œ Are they able to promote the immune system?. <i>Journal of Controlled Release</i> , 2017, 268, 78-91.	4.8	12
135	Biopolymer strategy for the treatment of Wilson's disease. <i>Journal of Controlled Release</i> , 2018, 273, 131-138.	4.8	12
136	Mannan-based conjugates as a multimodal imaging platform for lymph nodes. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2584-2596.	2.9	12
137	Hybrid $\hat{\Gamma}$ -carrageenan-based polymers showing â€œschizophrenicâ€ lower and upper critical solution temperatures and potassium responsiveness. <i>Carbohydrate Polymers</i> , 2019, 210, 26-37.	5.1	12
138	Dilute Solution Properties of Poly(benzyl methacrylate) in Ionic Liquids. <i>Macromolecules</i> , 2020, 53, 885-894.	2.2	12
139	Thermoresponsive properties of polyacrylamides in physiological solutions. <i>Polymer Chemistry</i> , 2021, 12, 5077-5084.	1.9	12
140	Unexpected phase behavior of an asymmetric diblock copolymer. <i>Journal of Chemical Physics</i> , 1999, 111, 4319-4326.	1.2	11
141	Dynamic Light Scattering from the Oriented Lamellar State of Diblock Copolymers: The Undulation Mode. <i>Macromolecules</i> , 2001, 34, 1090-1095.	2.2	11
142	Supramolecular Structures of Low-Molecular-Weight Polybutadienes, as Studied by Dynamic Light Scattering, NMR and Infrared Spectroscopy. <i>Macromolecules</i> , 2001, 34, 9023-9031.	2.2	11
143	Small-Angle Neutron Scattering from Solutions of Diblock Copolymers in Partially Miscible Solventsâ€™. <i>Macromolecules</i> , 2005, 38, 3426-3431.	2.2	11
144	Novel Polymeric Nanoparticles Assembled by Metal Ion Addition. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 2339-2348.	1.1	11

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145	Synthesis of densely grafted copolymers with tert-butyl methacrylate/2-(dimethylamino ethyl) methacrylate side chains as precursors for brush polyelectrolytes and polyampholytes. <i>Materials Chemistry and Physics</i> , 2013, 137, 709-715.	2.0	11
146	Carbon nanospecies affecting amyloid formation. <i>RSC Advances</i> , 2017, 7, 53887-53898.	1.7	11
147	Structural characterization of nanoparticles formed by fluorinated poly(2-oxazoline)-based polyphiles. <i>European Polymer Journal</i> , 2018, 99, 518-527.	2.6	11
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