

Shin-Ichi Yusa

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis of Well-Defined Amphiphilic Block Copolymers Having Phospholipid Polymer Sequences as a Novel Biocompatible Polymer Micelle Reagent. <i>Biomacromolecules</i> , 2005, 6, 663-670.	2.6	188
2	Glycerol/starch/Na ⁺ -montmorillonite nanocomposites: A XRD, FTIR, DSC and ¹ H NMR study. <i>Carbohydrate Polymers</i> , 2011, 83, 1591-1597.	5.1	156
3	Stimuli-Responsive Liquid Marbles: Controlling Structure, Shape, Stability, and Motion. <i>Advanced Functional Materials</i> , 2016, 26, 7206-7223.	7.8	140
4	Effects of Polyelectrolyte Chain Stiffness, Charge Mobility, and Charge Sequences on Binding to Proteins and Micelles. <i>Biomacromolecules</i> , 2006, 7, 1025-1035.	2.6	127
5	Thermo-Responsive Diblock Copolymers of Poly(<i>N</i> -isopropylacrylamide) and Poly(<i>N</i> -vinyl-2-pyrrolidone) Synthesized via Organotellurium-Mediated Controlled Radical Polymerization (TERP). <i>Macromolecules</i> , 2007, 40, 5907-5915.	2.2	127
6	pH-Responsive Micellization of Amphiphilic Diblock Copolymers Synthesized via Reversible Addition-Fragmentation Chain Transfer Polymerization. <i>Macromolecules</i> , 2003, 36, 4208-4215.	2.2	124
7	Self-Assembly of Cholesterol-Containing Water-Soluble Polymers. <i>International Journal of Polymer Science</i> , 2012, 2012, 1-10.	1.2	108
8	Heat-Induced Association and Dissociation Behavior of Amphiphilic Diblock Copolymers Synthesized via Reversible Addition-Fragmentation Chain Transfer Radical Polymerization. <i>Macromolecules</i> , 2004, 37, 7507-7513.	2.2	97
9	Salt Effect on the Heat-Induced Association Behavior of Gold Nanoparticles Coated with Poly(<i>N</i> -isopropylacrylamide) Prepared via Reversible Addition-Fragmentation Chain Transfer (RAFT) Radical Polymerization. <i>Langmuir</i> , 2007, 23, 12842-12848.	1.6	95
10	Preparation and Characterization of a pH-Responsive Nanogel Based on a Photo-Cross-Linked Micelle Formed From Block Copolymers with Controlled Structure. <i>Langmuir</i> , 2009, 25, 5258-5265.	1.6	94
11	Mesoporous Iron Oxide Synthesized Using Poly(styrene- <i>b</i> -acrylic acid- <i>b</i> -ethylene glycol) Block Copolymer Micelles as Templates for Colorimetric and Electrochemical Detection of Glucose. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 1039-1049.	4.0	90
12	Hydrophobic Self-Association of Cholesterol Moieties Covalently Linked to Polyelectrolytes: Effect of Spacer Bond. <i>Langmuir</i> , 1998, 14, 6059-6067.	1.6	88
13	Synthesis of Hollow CaCO ₃ Nanospheres Templated by Micelles of Poly(styrene- <i>b</i> -acrylic acid- <i>b</i> -ethylene glycol) in Aqueous Solutions. <i>Langmuir</i> , 2011, 27, 379-384.	1.6	76
14	Reversible pH-Induced Formation and Disruption of Unimolecular Micelles of an Amphiphilic Polyelectrolyte. <i>Macromolecules</i> , 2002, 35, 5243-5249.	2.2	75
15	Synthesis of sequence-controlled copolymers from extremely polar and apolar monomers by living radical polymerization and their phase-separated structures. <i>Journal of Polymer Science Part A</i> , 2005, 43, 6073-6083.	2.5	74
16	Fluorescence Studies of pH-Responsive Unimolecular Micelles Formed from Amphiphilic Polysulfonates Possessing Long-Chain Alkyl Carboxyl Pendants. <i>Macromolecules</i> , 2002, 35, 10182-10188.	2.2	64
17	Multifunctional Core-Shell-Type Polymeric Micelles for Anticancer Drug Delivery and Imaging. <i>Chemistry - A European Journal</i> , 2013, 19, 4812-4817.	1.7	64
18	Synthesis of Oppositely Charged Block Copolymers of Poly(ethylene glycol) via Reversible Addition-Fragmentation Chain Transfer Radical Polymerization and Characterization of Their Polyion Complex Micelles in Water. <i>Macromolecules</i> , 2009, 42, 376-383.	2.2	63

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19	Ultraviolet-light-responsive Liquid Marbles. <i>Chemistry Letters</i> , 2013, 42, 586-588.	0.7	62
20	pH-Responsive Hairy Particles Synthesized by Dispersion Polymerization with a Macroinitiator as an Inistab and Their Use as a Gas-Sensitive Liquid Marble Stabilizer. <i>Macromolecules</i> , 2012, 45, 2863-2873.	2.2	60
21	Thermo-responsive liquid marbles. <i>Polymer Journal</i> , 2014, 46, 145-148.	1.3	58
22	Electrospun PLA: PCL composites embedded with unmodified and 3-aminopropyltriethoxysilane (ASP) modified halloysite nanotubes (HNT). <i>Applied Physics A: Materials Science and Processing</i> , 2013, 110, 433-442.	1.1	56
23	Gold nanoparticles supported on mesoporous iron oxide for enhanced CO oxidation reaction. <i>Nanoscale</i> , 2018, 10, 4779-4785.	2.8	54
24	Micrometer-Sized Gold-Silica Janus Particles as Particulate Emulsifiers. <i>Langmuir</i> , 2013, 29, 5457-5465.	1.6	53
25	Development of a Novel Antifouling Platform for Biosensing Probe Immobilization from Methacryloyloxyethyl Phosphorylcholine-Containing Copolymer Brushes. <i>Langmuir</i> , 2012, 28, 5872-5881.	1.6	51
26	Preparation and Characterization of Polyion Complex Micelles with Phosphobetaine Shells. <i>Langmuir</i> , 2013, 29, 9651-9661.	1.6	50
27	Preparation of upper critical solution temperature (UCST) responsive diblock copolymers bearing pendant ureido groups and their micelle formation behavior in water. <i>Soft Matter</i> , 2015, 11, 5204-5213.	1.2	47
28	Self-Association of Cholesterol-End-Capped Poly(sodium 2-(acrylamido)-2-methylpropanesulfonate) in Aqueous Solution. <i>Macromolecules</i> , 2000, 33, 1224-1231.	2.2	45
29	Periodic organosilica hollow nanospheres as anode materials for lithium ion rechargeable batteries. <i>Nanoscale</i> , 2011, 3, 4768.	2.8	45
30	pH-responsive disruption of "liquid marbles"™ prepared from water and poly(6-(acrylamido) hexanoic) Tj ETQq0,0 0 rgBT /Overlock 1	1.3	45
31	Near-infrared-responsive Liquid Marbles Stabilized with Carbon Nanotubes. <i>Chemistry Letters</i> , 2013, 42, 719-721.	0.7	45
32	pH- and temperature-responsive aqueous foams stabilized by hairy latex particles. <i>Soft Matter</i> , 2015, 11, 572-579.	1.2	45
33	Adsorption Characteristics of Synthesized Polyelectrolytes onto Alumina Nanoparticles and their Application in Antibiotic Removal. <i>Langmuir</i> , 2020, 36, 13001-13011.	1.6	44
34	Intermolecular Interactions and Self-Assembly in Aqueous Solution of a Mixture of Anionic-Neutral and Cationic-Neutral Block Copolymers. <i>Macromolecules</i> , 2015, 48, 7222-7229.	2.2	43
35	Modeling Adsorption of Cationic Surfactants at Air/Water Interface without Using the Gibbs Equation. <i>Langmuir</i> , 2013, 29, 4743-4749.	1.6	41
36	Reversible Vesicle-Spherical Micelle Transition in a Polyion Complex Micellar System Induced by Changing the Mixing Ratio of Copolymer Components. <i>Macromolecules</i> , 2016, 49, 3091-3099.	2.2	39

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37	A new and consistent model for dynamic adsorption of CTAB at air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 406, 24-30.	2.3	38
38	Synthesis of stimuli-responsive macroazoinitiators and their use as an inistab toward hairy polymer latex particles. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3431-3443.	2.5	37
39	Novel synthesis route for Ag@SiO ₂ core-shell nanoparticles via micelle template of double hydrophilic block copolymer. <i>RSC Advances</i> , 2012, 2, 5938.	1.7	37
40	Surface modification with well-defined biocompatible triblock copolymers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 57, 226-236.	2.5	36
41	Non-surface Activity and Micellization Behavior of Cationic Amphiphilic Block Copolymer Synthesized by Reversible Addition-Fragmentation Chain Transfer Process. <i>Langmuir</i> , 2011, 27, 9237-9244.	1.6	36
42	Thermoresponsive Polyphosphoesters Bearing Enzyme-cleavable Side Chains. <i>Chemistry Letters</i> , 2009, 38, 1054-1055.	0.7	34
43	Self-Association of a Thermosensitive Amphiphilic Block Copolymer Poly(<i>N</i> -isopropylacrylamide)- <i>b</i> -poly(<i>N</i> -vinyl-2-pyrrolidone) in Aqueous Solution upon Heating. <i>Macromolecules</i> , 2013, 46, 226-235.	2.2	33
44	Synergistic Adsorption of MIBC/CTAB Mixture at the Air/Water Interface and Applicability of Gibbs Adsorption Equation. <i>Langmuir</i> , 2014, 30, 5790-5796.	1.6	33
45	Gas Bubbles Stabilized by Janus Particles with Varying Hydrophilic-Hydrophobic Surface Characteristics. <i>Langmuir</i> , 2018, 34, 933-942.	1.6	33
46	Synthesis of thermo-responsive 4-arm star-shaped porphyrin-centered poly(<i>N,N</i> -diethylacrylamide) via reversible addition-fragmentation chain transfer radical polymerization. <i>Journal of Polymer Science Part A</i> , 2009, 47, 6827-6838.	2.5	32
47	Solution Behavior of Poly(<i>n</i> -Isopropylacrylamide) in Water: Effect of Additives. <i>Journal of Dispersion Science and Technology</i> , 2011, 32, 1111-1118.	1.3	32
48	Aqueous polymeric micelles of poly[<i>N</i> -isopropylacrylamide- <i>b</i> -sodium 2-(acrylamido)-2-methylpropanesulfonate] with a spiropyran dimer pendant: quadruple stimuli-responsiveness. <i>Soft Matter</i> , 2012, 8, 9628.	1.2	32
49	Adsorptive removal of cefixime using a novel adsorbent based on synthesized polycation coated nanosilica rice husk. <i>Progress in Organic Coatings</i> , 2021, 158, 106361.	1.9	29
50	Cobalt oxide hollow nanoparticles as synthesized by templating a tri-block copolymer micelle with a core-shell-corona structure: a promising anode material for lithium ion batteries. <i>New Journal of Chemistry</i> , 2015, 39, 4726-4730.	1.4	28
51	Effect of Polycation Structure on Interaction with Lipid Membranes. <i>Journal of Physical Chemistry B</i> , 2017, 121, 7318-7326.	1.2	27
52	Liquid Marbles in Nature: Craft of Aphids for Survival. <i>Langmuir</i> , 2019, 35, 6169-6178.	1.6	27
53	Polycation-Anionic Lipid Membrane Interactions. <i>Langmuir</i> , 2020, 36, 12435-12450.	1.6	27
54	Formation of Polyion Complex (PIC) Micelles and Vesicles with Anionic pH-Responsive Unimer Micelles and Cationic Diblock Copolymers in Water. <i>Langmuir</i> , 2016, 32, 3945-3953.	1.6	26

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55	Kinetics of Morphological Transition between Cylindrical and Spherical Micelles in a Mixture of Anionic-Neutral and Cationic-Neutral Block Copolymers Studied by Time-Resolved SAXS and USAXS. <i>Macromolecules</i> , 2018, 51, 3654-3662.	2.2	25
56	Stimuli-induced core-corona inversion of micelles of water-soluble poly(sodium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50.702 Td (2-(acrylamid	1.8	24
57	pH-responsive polymeric micelles with core-shell-corona architectures as intracellular anti-cancer drug carriers. <i>Science and Technology of Advanced Materials</i> , 2013, 14, 044402.	2.8	24
58	Facile strategy for stability control of gold nanoparticles synthesized by aqueous reduction method. <i>Current Applied Physics</i> , 2010, 10, 708-714.	1.1	23
59	Polyion Complex Vesicles with Solvated Phosphobetaine Shells Formed from Oppositely Charged Diblock Copolymers. <i>Polymers</i> , 2017, 9, 49.	2.0	23
60	Structure-Selective Dye Uptake into an Aggregate of a Copolymer with Linear Polyelectrolyte Block and Hydrophobic Block Carrying Pendant Dendritic Moiety in Water. <i>Journal of Physical Chemistry B</i> , 2005, 109, 1226-1230.	1.2	22
61	Synthesis of hollow BaSO ₄ nanospheres templated by core-shell-corona type polymeric micelles. <i>New Journal of Chemistry</i> , 2012, 36, 125-129.	1.4	22
62	Synthesis of magnetic γ -Fe ₂ O ₃ and Fe ₃ O ₄ hollow nanospheres for sustained release of ibuprofen. <i>Materials Letters</i> , 2012, 73, 4-7.	1.3	22
63	Hybridization of poly(2-methacryloyloxyethyl phosphorylcholine-block-2-ethylhexyl methacrylate) with segmented polyurethane for reducing thrombogenicity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 108, 239-245.	2.5	22
64	Stable polymersomes based on ionic-zwitterionic block copolymers modified with superparamagnetic iron oxide nanoparticles for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2015, 3, 5523-5531.	2.9	22
65	Soft-templated synthesis of mesoporous nickel oxide using poly(styrene-block-acrylic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50.342	2.2	22
66	pH-Responsive Micellization of Amine-Containing Cationic Diblock Copolymers Prepared by Reversible Addition-Fragmentation Chain Transfer (RAFT) Radical Polymerization. <i>Polymer Journal</i> , 2005, 37, 480-488.	1.3	21
67	Incorporation and release behavior of amitriptylene in core-shell-corona type triblock copolymer micelles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 88, 734-740.	2.5	20
68	Preparation and characterization of sorbitol modified nanoclay with high amylose bionanocomposites. <i>Carbohydrate Polymers</i> , 2011, 85, 97-104.	5.1	20
69	Salt and Heat Induced Aggregation of Diblock Copolymers of Sodium 2-(acrylamido)-2-methylpropanesulfonate and N-Isopropylacrylamide in Aqueous Solutions. <i>Journal of Dispersion Science and Technology</i> , 2012, 33, 287-292.	1.3	20
70	Novel MoO ₃ and WO ₃ hollow nanospheres assembled with polymeric micelles. <i>Materials Letters</i> , 2012, 66, 25-28.	1.3	20
71	Thermoresponsive Liquid Marbles Prepared with Low Melting Point Powder. <i>Chemistry Letters</i> , 2015, 44, 1077-1079.	0.7	20
72	Heparin-binding copolymer reverses effects of unfractionated heparin, enoxaparin, and fondaparinux in rats and mice. <i>Translational Research</i> , 2016, 177, 98-112.e10.	2.2	20

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73	Upper Critical Solution Temperature (UCST) Behavior of Polystyrene-Based Polyampholytes in Aqueous Solution. <i>Polymers</i> , 2019, 11, 265.	2.0	20
74	Interpolymer Association of Cholesterol Pendants Linked to a Polyelectrolyte As Studied by Quasielastic Light Scattering and Fluorescence Techniques. <i>Langmuir</i> , 1999, 15, 8826-8831.	1.6	19
75	Preparation of ureido group bearing polymers and their upper critical solution temperature in water. <i>Journal of Polymer Science Part A</i> , 2016, 54, 2845-2854.	2.5	19
76	Thermo-Responsive Behavior of Amphoteric Diblock Copolymers Bearing Sulfonate and Quaternary Amino Pendant Groups. <i>Langmuir</i> , 2019, 35, 1458-1464.	1.6	19
77	Micelle formation of poly(ethylene oxide-b-sodium 2-(acrylamido)-2-methyl-1-propane) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 58 <i>Polymer Chemistry</i> , 2010, 1, 347-353.	1.9	18
78	Solubilization of C ₆₀ by micellization with a thermoresponsive block copolymer in water: Characterization, singlet oxygen generation, and DNA photocleavage. <i>Journal of Polymer Science Part A</i> , 2011, 49, 2761-2770.	2.5	18
79	Novel LaBO ₃ hollow nanospheres of size 34±2nm templated by polymeric micelles. <i>Journal of Colloid and Interface Science</i> , 2012, 370, 51-57.	5.0	18
80	Sterically stabilized polypyrrole-palladium nanocomposite particles synthesized by aqueous chemical oxidative dispersion polymerization. <i>Colloid and Polymer Science</i> , 2013, 291, 223-230.	1.0	18
81	pH-responsive Liquid Marbles Prepared Using Fluorinated Fatty Acid. <i>Chemistry Letters</i> , 2016, 45, 547-549.	0.7	18
82	Unique Associative Properties of Copolymers of Sodium Acrylate and Oligo(ethylene oxide) Alkyl Ether Methacrylates in Water. <i>Macromolecules</i> , 2005, 38, 7837-7844.	2.2	17
83	Physicochemical Properties of Micelles of Poly(styrene- <i>b</i> -[3-(methacryloylamino)propyl]trimethylammonium chloride- <i>b</i> -ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 58	1.9	17
84	Water-soluble complexes formed from hydrogen bonding interactions between a poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	1.3	17
85	Chain-length dependence of polyion complex architecture bearing phosphobetaine block explored using SAXS and FFF-MALS. <i>Polymer Journal</i> , 2014, 46, 617-622.	1.3	17
86	All-inorganic inverse perovskite solar cells using zinc oxide nanocolloids on spin coated perovskite layer. <i>Nano Convergence</i> , 2017, 4, 18.	6.3	17
87	Self-association behavior of amphiphilic molecules based on incompletely condensed cage silsesquioxanes and poly(ethylene glycol)s. <i>Polymer Journal</i> , 2018, 50, 337-345.	1.3	17
88	Temperature-Responsive Behavior of Double Hydrophilic Carboxy-Sulfobetaine Block Copolymers and Their Self-Assemblies in Water. <i>Langmuir</i> , 2019, 35, 1571-1582.	1.6	17
89	Preparation of Water-soluble Polyion Complex (PIC) Micelles Covered with Amphoteric Random Copolymer Shells with Pendant Sulfonate and Quaternary Amino Groups. <i>Polymers</i> , 2018, 10, 205.	2.0	16
90	Anticoagulant Properties of Poly(sodium 2-(acrylamido)-2-methylpropanesulfonate)-Based Di- and Triblock Polymers. <i>Biomacromolecules</i> , 2018, 19, 3104-3118.	2.6	16

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91	pH-Responsive Aqueous Bubbles Stabilized With Polymer Particles Carrying Poly(4-vinylpyridine) Colloidal Stabilizer. <i>Frontiers in Chemistry</i> , 2018, 6, 269.	1.8	15
92	pH-Responsive Polyion Complex Vesicle with Polyphosphobetaine Shells. <i>Langmuir</i> , 2019, 35, 1249-1256.	1.6	15
93	pH- and thermo-responsive behavior of PNIPAM star containing terminal carboxy groups in aqueous solutions. <i>Polymer</i> , 2020, 203, 122735.	1.8	15
94	Thermo-responsive behavior of hybrid core cross-linked polymer micelles with biocompatible shells. <i>Polymer</i> , 2011, 52, 2810-2818.	1.8	14
95	Polymer coating glass to improve the protein antifouling effect. <i>Polymer Journal</i> , 2018, 50, 381-388.	1.3	14
96	Synthesis and Properties of Upper Critical Solution Temperature Responsive Nanogels. <i>Langmuir</i> , 2019, 35, 7261-7267.	1.6	14
97	CO ₂ -Gas-Responsive Liquid Marble. <i>Langmuir</i> , 2020, 36, 6971-6976.	1.6	14
98	Optimized Molecular Structure of Photoreactive Biocompatible Block Copolymers for Surface Modification of Metal Substrates. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 3254-3260.	4.0	13
99	A Comparative Study of Cellular Uptake and Subcellular Localization of Doxorubicin Loaded in Self-Assemblies of Amphiphilic Copolymers with Pendant Dendron by MDA-MB-231 Human Breast Cancer Cells. <i>Macromolecular Bioscience</i> , 2016, 16, 882-895.	2.1	13
100	Micelle and Surface Tension of Double-Chain Cationic Surfactants. <i>ACS Omega</i> , 2018, 3, 10907-10911.	1.6	13
101	Drug-loading capacity of polylactide-based micro- and nanoparticles – Experimental and molecular modeling study. <i>International Journal of Pharmaceutics</i> , 2020, 591, 120031.	2.6	13
102	Synthesis of Thermosensitive Poly(<i>N</i> -vinylamide) Derivatives Bearing Oligo Ethylene Glycol Chain for Kinetic Hydrate Inhibitor. <i>Macromolecules</i> , 2018, 51, 7845-7852.	2.2	12
103	Conjugation of Polysulfobetaine via Poly(pyrogallol) Coatings for Improving the Antifouling Efficacy of Biomaterials. <i>ACS Omega</i> , 2021, 6, 3517-3524.	1.6	12
104	Thermo-Responsive and Biocompatible Diblock Copolymers Prepared via Reversible Addition-Fragmentation Chain Transfer (RAFT) Radical Polymerization. <i>Polymers</i> , 2014, 6, 846-859.	2.0	11
105	Poly(dimethylsiloxane) (PDMS) surface patterning by biocompatible photo-crosslinking block copolymers. <i>RSC Advances</i> , 2015, 5, 46686-46693.	1.7	11
106	Doxorubicin-loaded micelles of amphiphilic diblock copolymer with pendant dendron improve antitumor efficacy: In vitro and in vivo studies. <i>International Journal of Pharmaceutics</i> , 2017, 534, 136-143.	2.6	11
107	Controlled Micelle Formation and Stable Capture of Hydrophobic Drug by Alkylated POSS Methacrylate Block Copolymers. <i>ACS Applied Polymer Materials</i> , 2019, 1, 2108-2119.	2.0	11
108	Oligopeptide-side chained alginate nanocarrier for melittin-targeted chemotherapy. <i>Polymer Journal</i> , 2019, 51, 771-780.	1.3	11

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109	Self-Association Behavior of Cell Membrane-Inspired Amphiphilic Random Copolymers in Water. <i>Polymers</i> , 2019, 11, 327.	2.0	11
110	Different antifouling effects of random and block copolymers comprising 2-methacryloyloxyethyl phosphorylcholine and dodecyl methacrylate. <i>European Polymer Journal</i> , 2020, 136, 109932.	2.6	11
111	Lytotropic Morphology Transition of Double Zwitterionic Diblock Copolymer Aqueous Solutions. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2000377.	1.1	11
112	Formation Kinetics of Polymer Vesicles from Spherical and Cylindrical Micelles Bearing the Polyelectrolyte Complex Core Studied by Time-Resolved USAXS and SAXS. <i>Macromolecules</i> , 2022, 55, 684-695.	2.2	11
113	Low-Friction Adsorbed Layers of a Triblock Copolymer Additive in Oil-Based Lubrication. <i>Langmuir</i> , 2015, 31, 12140-12147.	1.6	10
114	Selective adsorption of modified nucleoside cancer biomarkers by hybrid molecularly imprinted adsorbents. <i>Journal of Separation Science</i> , 2016, 39, 3072-3080.	1.3	10
115	Water-soluble complex formation of fullerenes with a biocompatible polymer. <i>Polymer Journal</i> , 2016, 48, 999-1005.	1.3	10
116	Highly Effective and Safe Polymeric Inhibitors of Herpes Simplex Virus in Vitro and in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26745-26752.	4.0	10
117	Micellar formation of cationic surfactants. <i>Heliyon</i> , 2019, 5, e02425.	1.4	10
118	Micellization and Phase Separation in Aqueous Solutions of Thermosensitive Block Copolymer Poly(<i>N</i> -isopropylacrylamide)- <i>b</i> -poly(<i>N</i> -vinyl-2-pyrrolidone) upon Heating. <i>Macromolecules</i> , 2019, 52, 4812-4819.	2.2	10
119	Solution Properties of Amphoteric Random Copolymers Bearing Pendant Sulfonate and Quaternary Ammonium Groups with Controlled Structures. <i>Langmuir</i> , 2019, 35, 1690-1698.	1.6	10
120	Heparin-Binding Copolymer as a Complete Antidote for Low-Molecular-Weight Heparins in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 373, 51-61.	1.3	10
121	Self-association behavior in water of an amphiphilic diblock copolymer comprised of anionic and dendritic blocks. <i>Polymer Chemistry</i> , 2011, 2, 1815.	1.9	9
122	Surface patterned graft copolymerization of hydrophilic monomers onto hydrophobic polymer film upon UV irradiation. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2822-2829.	2.5	9
123	pH-responsive micelles and vesicles formed from a water-soluble schizophrenic diblock copolymer. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 3117-3123.	2.7	9
124	Fluorescence Correlation Spectroscopy Monitors the Hydrophobic Collapse of pH-Responsive Hairy Nanoparticles at the Individual Particle Level. <i>Macromolecules</i> , 2015, 48, 7237-7244.	2.2	9
125	Preparation of Giant Polyion Complex Vesicles (G-PICsomes) with Polyphosphobetaine Shells Composed of Oppositely Charged Diblock Copolymers. <i>Chemistry Letters</i> , 2017, 46, 824-827.	0.7	9
126	Soluble Network Polymers Based on Trifunctional Open-cage Silsesquioxanes. <i>Chemistry Letters</i> , 2019, 48, 1266-1269.	0.7	9

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127	The neutralization of heparan sulfate by heparin-binding copolymer as a potential therapeutic target. RSC Advances, 2019, 9, 3020-3029.	1.7	9
128	Solution-Mediated Modulation of Pseudomonas aeruginosa Biofilm Formation by a Cationic Synthetic Polymer. Antibiotics, 2019, 8, 61.	1.5	9
129	Collapse Behavior of Polyion Complex (PIC) Micelles upon Salt Addition and Reforming Behavior by Dialysis and Its Temperature Responsivity. Langmuir, 2020, 36, 15485-15492.	1.6	9
130	Upper Critical Solution Temperature Behavior of pH-Responsive Amphoteric Statistical Copolymers in Aqueous Solutions. ACS Omega, 2021, 6, 9153-9163.	1.6	9
131	Hybrid micelle formation from poly(ethylene oxide- <i>b</i> -sodium) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (2-acrylamido-1-propyl) Science, 2010, 288, 991-996.	1.0	8
132	pH-responsive flocculation and dispersion behavior of Janus particles in water. Polymer Journal, 2012, 44, 181-188.	1.3	8
133	Hollow nanoparticles prepared from pH-responsive template polymer micelles. Journal of Polymer Science Part A, 2012, 50, 2596-2603.	2.5	8
134	Preparation of amphiphilic diblock copolymers with pendant hydrophilic phosphorylcholine and hydrophobic dendron groups and their self-association behavior in water. Journal of Polymer Science Part A, 2013, 51, 4923-4931.	2.5	8
135	Self-Assembly of Polymeric Micelles Made of Asymmetric Polystyrene- <i>b</i> -Polyacrylic Acid- <i>b</i> -Polyethylene Oxide for the Synthesis of Mesoporous Nickel Ferrite. European Journal of Inorganic Chemistry, 2017, 2017, 1328-1332.	1.0	8
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