

# Heikki Tenhu

## List of Publications by Year in descending order

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205  
papers

9,688  
citations

41344

49  
h-index

46799

89  
g-index

210  
all docs

210  
docs citations

210  
times ranked

9866  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytotoxicity of thermosensitive polymers poly(N-isopropylacrylamide), poly(N-vinylcaprolactam) and amphiphilically modified poly(N-vinylcaprolactam). <i>Biomaterials</i> , 2005, 26, 3055-3064.	11.4	594
2	Non-ionic Thermoresponsive Polymers in Water. <i>Advances in Polymer Science</i> , 2010, , 29-89.	0.8	406
3	Recent advances in polymer protected gold nanoparticles: synthesis, properties and applications. <i>Chemical Communications</i> , 2007, , 4580.	4.1	375
4	Synthesis of Gold Nanoparticles Grafted with a Thermoresponsive Polymer by Surface-Induced Reversible-Addition-Fragmentation Chain-Transfer Polymerization. <i>Langmuir</i> , 2003, 19, 3499-3504.	3.5	285
5	How to manipulate the upper critical solution temperature (UCST)?. <i>Polymer Chemistry</i> , 2017, 8, 220-232.	3.9	228
6	Temperature Dependence of the Colloidal Stability of Neutral Amphiphilic Polymers in Water. , 0, , 1-85.		188
7	Formation of Colloidally Stable Phase Separated Poly(N-vinylcaprolactam) in Water: A Study by Dynamic Light Scattering, Microcalorimetry, and Pressure Perturbation Calorimetry. <i>Macromolecules</i> , 2004, 37, 2268-2274.	4.8	185
8	Dissolution and Aggregation of a Poly(NIPA-block-sulfobetaine) Copolymer in Water and Saline Aqueous Solutions. <i>Langmuir</i> , 2002, 18, 5360-5365.	3.5	180
9	Preparation of Poly(N-isopropylacrylamide)-Monolayer-Protected Gold Clusters: A Synthesis Methods, Core Size, and Thickness of Monolayer. <i>Macromolecules</i> , 2003, 36, 4526-4533.	4.8	170
10	Size, Stability, and Porosity of Mesoporous Nanoparticles Characterized with Light Scattering. <i>Nanoscale Research Letters</i> , 2017, 12, 74.	5.7	168
11	A low-cost paper-based inkjet-printed platform for electrochemical analyses. <i>Sensors and Actuators B: Chemical</i> , 2013, 177, 153-162.	7.8	166
12	Grafting of Poly(N-isopropylacrylamide) with Poly(ethylene oxide) under Various Reaction Conditions. <i>Macromolecules</i> , 2000, 33, 336-341.	4.8	152
13	Amphiphilic Gold Nanoparticles Grafted with Poly(N-isopropylacrylamide) and Polystyrene. <i>Macromolecules</i> , 2005, 38, 2918-2926.	4.8	152
14	Binding and release of drugs into and from thermosensitive poly(N-vinyl caprolactam) nanoparticles. <i>European Journal of Pharmaceutical Sciences</i> , 2002, 16, 69-74.	4.0	150
15	Two Phase Transitions of Poly(N-isopropylacrylamide) Brushes Bound to Gold Nanoparticles. <i>Langmuir</i> , 2004, 20, 4671-4676.	3.5	150
16	Phase Behavior and Temperature-Responsive Molecular Filters Based on Self-Assembly of Polystyrene- <i>block</i> -poly(N-isopropylacrylamide)- <i>block</i> -polystyrene. <i>Macromolecules</i> , 2007, 40, 5827-5834.	4.8	149
17	Mesoglobules of thermoresponsive polymers in dilute aqueous solutions above the LCST. <i>Polymer</i> , 2005, 46, 7118-7131.	3.8	147
18	Aggregation behaviour of well defined amphiphilic diblock copolymers with poly(N-isopropylacrylamide) and hydrophobic blocks. <i>Polymer</i> , 2004, 45, 3643-3650.	3.8	144

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19	IR-sintering of ink-jet printed metal-nanoparticles on paper. <i>Thin Solid Films</i> , 2012, 520, 2949-2955.	1.8	144
20	Aggregation in Aqueous Poly(N-isopropylacrylamide)-block-poly(ethylene oxide) Solutions Studied by Fluorescence Spectroscopy and Light Scattering. <i>Macromolecules</i> , 2002, 35, 4763-4769.	4.8	143
21	Thermal Properties of Poly(N-isopropylacrylamide)-g-poly(ethylene oxide) in Aqueous Solutions: Influence of the Number and Distribution of the Grafts. <i>Macromolecules</i> , 2000, 33, 5970-5975.	4.8	130
22	Synthesis, Characterization, and Application of Eu(III), Tb(III), Sm(III), and Dy(III) Lanthanide Chelate Nanoparticle Labels. <i>Analytical Chemistry</i> , 2005, 77, 2643-2648.	6.5	129
23	Temperature-Sensitive Properties of Poly(N-isopropylacrylamide) Mesoglobules Formed in Dilute Aqueous Solutions Heated above Their Demixing Point. <i>Macromolecules</i> , 2006, 39, 7686-7693.	4.8	129
24	Conformational Changes of Poly(vinylcaprolactam) Macromolecules and Their Complexes with Ionic Surfactants in Aqueous Solution. <i>Macromolecules</i> , 1998, 31, 6112-6118.	4.8	120
25	Toxicity of two types of silver nanoparticles to aquatic crustaceans <i>Daphnia magna</i> and <i>Thamnocephalus platyurus</i> . <i>Environmental Science and Pollution Research</i> , 2013, 20, 3456-3463.	5.3	116
26	Inkjet-Printed Gold Electrodes on Paper: Characterization and Functionalization. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 955-964.	8.0	112
27	Cationic polymers for DNA origami coating – examining their binding efficiency and tuning the enzymatic reaction rates. <i>Nanoscale</i> , 2016, 8, 11674-11680.	5.6	109
28	Gold Nanoparticles Protected with pH and Temperature-Sensitive Diblock Copolymers. <i>Langmuir</i> , 2007, 23, 5352-5357.	3.5	106
29	Drug release characteristics of physically cross-linked thermosensitive poly(N-vinylcaprolactam) hydrogel particles. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 4783-4793.	3.3	93
30	Triple Hydrophilic UCST/LCST Block Copolymers. <i>Macromolecules</i> , 2016, 49, 986-993.	4.8	77
31	Self-Complexation of Poly(ethylene oxide)-block-poly(methacrylic acid) Studied by Fluorescence Spectroscopy. <i>Macromolecules</i> , 2004, 37, 7008-7018.	4.8	76
32	Thermoresponsive Properties of N-Isopropylacrylamide Oligomer Brushes Grafted to Gold Nanoparticles: Effects of Molar Mass and Gold Core Size. <i>Macromolecules</i> , 2009, 42, 2696-2701.	4.8	76
33	Miktoarm stars of poly(ethylene oxide) and poly(dimethylaminoethyl methacrylate): manipulation of micellization by temperature and light. <i>Soft Matter</i> , 2009, 5, 1812.	2.7	75
34	Imidazolium-Based Poly(ionic liquid)s as New Alternatives for CO <sub>2</sub> Capture. <i>ChemSusChem</i> , 2013, 6, 1500-1509.	6.8	75
35	Poly(ethylene imine) and Tetraethylenepentamine as Protecting Agents for Metallic Copper Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2009, 1, 519-525.	8.0	74
36	Behavior of Poly(N-vinylcaprolactam-co-methacrylic acid) Macromolecules in Aqueous Solution: Interplay between Coulombic and Hydrophobic Interaction. <i>Macromolecules</i> , 2002, 35, 1870-1876.	4.8	71

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37	Optical Properties of Thermally Responsive Amphiphilic Gold Nanoparticles Protected with Polymers. <i>Langmuir</i> , 2006, 22, 794-801.	3.5	71
38	Diblock copolymers consisting of a polymerized ionic liquid and poly(N-isopropylacrylamide). Effects of PNIPAM block length and counter ion on self-assembling and thermal properties. <i>Polymer Chemistry</i> , 2013, 4, 1014-1024.	3.9	70
39	Simple and Efficient Separation of Atomically Precise Noble Metal Clusters. <i>Analytical Chemistry</i> , 2014, 86, 12185-12190.	6.5	69
40	Association in Aqueous Solutions of a Thermoresponsive PVCL-g-C11EO42 Copolymer. <i>Macromolecules</i> , 2005, 38, 948-960.	4.8	63
41	Thermoresponsiveness of PDMAEMA. Electrostatic and Stereochemical Effects. <i>Macromolecules</i> , 2013, 46, 2331-2340.	4.8	63
42	Neutron Scattering Studies of the Structure of a Polyelectrolyte Globule in a Water~Acetone Mixture. <i>Macromolecules</i> , 2001, 34, 3706-3709.	4.8	61
43	Influence of Hydrophobic Anion on Solution Properties of PDMAEMA. <i>Macromolecules</i> , 2014, 47, 2103-2111.	4.8	61
44	Counterion-Induced UCST for Polycations. <i>Macromolecules</i> , 2014, 47, 7581-7587.	4.8	60
45	e-Micellization: Electrochemical, Reversible Switching of Polymer Aggregation. <i>Macromolecules</i> , 2009, 42, 7254-7257.	4.8	59
46	Synthesis and characterization of copper sulfide nanocrystallites with low sintering temperatures. <i>Journal of Materials Chemistry</i> , 2008, 18, 3200.	6.7	55
47	Influence of Macromolecular Architecture on the Thermal Response Rate of Amphiphilic Copolymers, Based on Poly(N-isopropylacrylamide) and Poly(oxyethylene), in Water. <i>Macromolecules</i> , 2007, 40, 3765-3772.	4.8	53
48	Poly(N-vinylcaprolactam) Microgel Particles Grafted with Amphiphilic Chains. <i>Macromolecules</i> , 2000, 33, 8703-8708.	4.8	52
49	Rheological Properties of Associative Star Polymers in Aqueous Solutions: Effect of Hydrophobe Length and Polymer Topology. <i>Macromolecules</i> , 2009, 42, 1726-1732.	4.8	52
50	Fluorescence and EPR studies on the collapse of poly(N-isopropyl acrylamide)-g-poly(ethylene oxide) in water. <i>Polymer</i> , 2001, 42, 9487-9493.	3.8	51
51	A~B~A stereoblock copolymers of N-isopropylacrylamide. <i>Journal of Polymer Science Part A</i> , 2008, 46, 38-46.	2.3	51
52	The crosslinking theory of aging ~ Added evidence. <i>Experimental Gerontology</i> , 1990, 25, 91-95.	2.8	50
53	Light scattering and microcalorimetry studies on aqueous solutions of thermo-responsive PVCL-g-PEO copolymers. <i>Polymer</i> , 2003, 44, 6807-6814.	3.8	50
54	Soluble polyelectrolyte complexes composed of poly(ethylene oxide)-block-poly(sodium methacrylate) and poly(methacryloyloxyethyl trimethylammonium chloride). <i>Polymer</i> , 2003, 44, 7907-7916.	3.8	49

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55	Thermoassociating Poly( <i>N</i> -isopropylacrylamide) A <sup>~</sup> B <sup>~</sup> A Stereoblock Copolymers. <i>Macromolecules</i> , 2008, 41, 2627-2631.	4.8	49
56	Spontaneous Assembly of Miktoarm Stars into Vesicular Interpolyelectrolyte Complexes. <i>Macromolecular Rapid Communications</i> , 2013, 34, 855-860.	3.9	48
57	Synthesis and rheological properties of an associative star polymer in aqueous solutions. <i>Polymer</i> , 2007, 48, 4087-4096.	3.8	45
58	Tailored surface properties of semi-fluorinated block copolymers by electrospinning. <i>Polymer</i> , 2009, 50, 3103-3110.	3.8	45
59	Effect of the Number of Arms on the Association of Amphiphilic Star Block Copolymers. <i>Macromolecules</i> , 2008, 41, 8855-8864.	4.8	44
60	Studies on copolymerization of <i>n</i> -isopropylacrylamide and glycidyl methacrylate. <i>Journal of Polymer Science Part A</i> , 2001, 39, 3716-3725.	2.3	43
61	Mechanisms of polyethylenimine-mediated DNA delivery: free carrier helps to overcome the barrier of cell surface glycosaminoglycans. <i>Journal of Gene Medicine</i> , 2011, 13, 402-409.	2.8	43
62	Pyrene-Labeled Graft Copolymers of <i>N</i> -Vinylcaprolactam: Synthesis and Solution Properties in Water. <i>Macromolecules</i> , 2005, 38, 2439-2448.	4.8	42
63	Overcharging of Polyelectrolyte Complexes by the Guest Polyelectrolyte Studied by Fluorescence Spectroscopy. <i>Langmuir</i> , 2005, 21, 11431-11438.	3.5	42
64	Cell-polymer interactions of fluorescent polystyrene latex particles coated with thermosensitive poly( <i>N</i> -isopropylacrylamide) and poly( <i>N</i> -vinylcaprolactam) or grafted with poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 501377 Td (c	3.2	40
65	Hydrophobically Modified Responsive Polyelectrolytes. <i>Langmuir</i> , 1999, 15, 4259-4265.	3.5	40
66	Supramolecular assemblies of amphiphilic PMMA-block-PAA stars in aqueous solutions. <i>Polymer</i> , 2006, 47, 6524-6535.	3.8	40
67	Solution Properties of Linear and Branched Block Copolymers Consisting of Acidic and PEO Blocks. <i>Macromolecules</i> , 2002, 35, 4733-4738.	4.8	39
68	Grafting of montmorillonite nano-clay with butyl acrylate and methyl methacrylate by atom transfer radical polymerization: Blends with poly(BuA-co-MMA). <i>Journal of Polymer Science Part A</i> , 2009, 47, 3086-3097.	2.3	39
69	Formation of mixed-phase particles during the freezing of polar stratospheric ice clouds. <i>Nature Chemistry</i> , 2010, 2, 197-201.	13.6	39
70	Characterisation of thermally controlled chain association in aqueous solutions of poly( <i>N</i> -isopropyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 501377 Td (c 2003, 228, 75-83.	4.7	38
71	Resorcinarene-based ATRP initiators for star polymers. <i>Journal of Polymer Science Part A</i> , 2004, 42, 4189-4201.	2.3	38
72	Uptake of zinc, nickel, and chromium by <i>N</i> -isopropyl acrylamide polymer gels. <i>Journal of Applied Polymer Science</i> , 1998, 68, 355-362.	2.6	37

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73	Interactions of drugs and spin probes with hydrophobically modified polyelectrolyte hydrogels based on N-isopropylacrylamide. <i>Polymer</i> , 1999, 40, 2595-2603.	3.8	37
74	Thermosensitive graft copolymers of an amphiphilic macromonomer and N-vinylcaprolactam: synthesis and solution properties in dilute aqueous solutions below and above the LCST. <i>Polymer</i> , 2005, 46, 7055-7065.	3.8	35
75	Polystyrene latex particles coated with crosslinked poly(N-isopropylacrylamide). <i>Colloid and Polymer Science</i> , 2006, 284, 1255-1263.	2.1	35
76	Spontaneous and Thermally Induced Self-Organization of A $\alpha$ -B $\alpha$ Stereoblock Polymers of N-Isopropylacrylamide in Aqueous Solutions. <i>Macromolecules</i> , 2008, 41, 4881-4886.	4.8	35
77	Poly(N,N-dimethylaminoethyl methacrylate) for removing chromium (VI) through polymer-enhanced ultrafiltration technique. <i>Reactive and Functional Polymers</i> , 2018, 127, 67-73.	4.1	35
78	Aggregation of the interpolymer complex of poly(methacrylic acid) and poly(vinyl pyrrolidone) in aqueous solutions. <i>European Polymer Journal</i> , 1997, 33, 219-223.	5.4	34
79	Star polymers synthesised with flexible resorcinarene-derived ATRP initiators. <i>Polymer</i> , 2007, 48, 3938-3951.	3.8	34
80	Mixed-Monolayer-Protected Au <sub>25</sub> Clusters with Bulky Calix[4]arene Functionalities. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 585-589.	4.6	34
81	Synthesis of copolymer-stabilized silver nanoparticles for coating materials. <i>Colloid and Polymer Science</i> , 2010, 288, 543-553.	2.1	33
82	Mesoporous silica particles grafted with poly(ethyleneoxide- <i>b</i> -N-vinylcaprolactam). <i>Journal of Polymer Science Part A</i> , 2013, 51, 5012-5020.	2.3	33
83	Thermoresponsive Nanoparticles of Self-Assembled Block Copolymers as Potential Carriers for Drug Delivery and Diagnostics. <i>Biomacromolecules</i> , 2015, 16, 2750-2756.	5.4	33
84	Effect of hydrophobicity of a drug on its release from hydrogels with different topological structures. <i>Journal of Applied Polymer Science</i> , 1999, 73, 1031-1039.	2.6	32
85	Effect of ligand on the synthesis of star polymers by resorcinarene-based ATRP initiators. <i>Journal of Polymer Science Part A</i> , 2005, 43, 3349-3358.	2.3	32
86	Unusual Conformational Behavior of Complexes of Poly(N-isopropylacrylamide) with Poly(methacrylic acid). <i>Macromolecules</i> , 2005, 38, 1292-1299.	4.8	32
87	Visualization of Freezing Process in situ upon Cooling and Warming of Aqueous Solutions. <i>Scientific Reports</i> , 2015, 4, 7414.	3.3	32
88	Static and dynamic light scattering study of strong intermolecular interactions in aqueous solutions of PVP/C60 complexes. <i>Polymer</i> , 2002, 43, 2769-2775.	3.8	31
89	Self-assembly of star-like amphiphilic block copolymers with polyelectrolyte blocks. Effect of pH. <i>Polymer</i> , 2007, 48, 7008-7016.	3.8	31
90	Polystyrene crosslinked with oligomeric and polymeric poly(dimethyl siloxane) derivatives. Thermal and dynamic mechanical studies. <i>Journal of Applied Polymer Science</i> , 1992, 44, 55-64.	2.6	30

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91	Encapsulation and release by star-shaped block copolymers as unimolecular nanocontainers. Journal of Polymer Science Part A, 2008, 46, 650-660.	2.3	30
92	Glucose and Maltose Surface-Functionalized Thermoresponsive Poly( <i>N</i> -Vinylcaprolactam) Nanogels. Biomacromolecules, 2020, 21, 955-965.	5.4	30
93	Direct Imaging of Nanoscopic Plastic Deformation below Bulk Tg and Chain Stretching in Temperature-Responsive Block Copolymer Hydrogels by Cryo-TEM. Macromolecules, 2008, 41, 3243-3249.	4.8	29
94	Temperature and pH responsive hybrid nanoclay grafted with PDMAEMA. Polymer Chemistry, 2011, 2, 2027.	3.9	28
95	Poly( <i>N</i> -acryloylglycinamide) microgels as nanocatalyst platform. Polymer Chemistry, 2018, 9, 517-524.	3.9	28
96	Molecular crowding facilitates assembly of spidroin-like proteins through phase separation. European Polymer Journal, 2019, 112, 539-546.	5.4	28
97	Interactions of Thermally Responsive Polyelectrolyte Latices with Low Molar Mass Organic Molecules Studied by Light Scattering. Macromolecules, 1998, 31, 1590-1594.	4.8	27
98	Characterisation of poly( <i>N</i> -isopropylacrylamide) by asymmetrical flow field-flow fractionation, dynamic light scattering, and size exclusion chromatography. Journal of Separation Science, 2005, 28, 435-442.	2.5	27
99	Complexation of linear and poly(ethylene oxide)-grafted poly(methacryl oxyethyl trimethylammonium) Tj ETQq1 1 0.784314 rgBT /Over 2003, 41, 1904-1914.	2.3	26
100	AuNP-Polymeric Ionic Liquid Composite Multicatalytic Nanoreactors for One-Pot Cascade Reactions. ACS Catalysis, 2016, 6, 7230-7237.	11.2	25
101	LCST-type polymers based on chiral-polymeric ionic liquids. Chemical Communications, 2014, 50, 10683.	4.1	24
102	Upper or lower critical solution temperature, or both? Studies on cationic copolymers of <i>N</i> -isopropylacrylamide. Polymer Chemistry, 2015, 6, 3074-3082.	3.9	24
103	Structure of poly(vinyl pyrrolidone) C70 complexes in aqueous solutions. Polymer, 2007, 48, 4503-4510.	3.8	23
104	Demixing and Remixing Kinetics in Aqueous Dispersions of Poly( <i>N</i> -isopropylacrylamide) (PNIPAM) Brushes Bound to Gold Nanoparticles Studied by Means of Modulated Temperature Differential Scanning Calorimetry. Macromolecules, 2009, 42, 5317-5327.	4.8	23
105	Pearl Necklace Architecture: New Threaded Star-Shaped Copolymers. Macromolecules, 2010, 43, 2190-2203.	4.8	23
106	Using Light To Tune Thermo-Responsive Behavior and Host-Guest Interactions in Tegylated Poly(azocalix[4]arene)s. Macromolecules, 2013, 46, 6209-6216.	4.8	23
107	Spin-Labeled Polyelectrolyte Gels Based on Poly( <i>N</i> -isopropylacrylamide). Effects of the Network Structure and the Gel Collapse on the EPR Spectra. Macromolecules, 1997, 30, 1311-1316.	4.8	22
108	Multiple Glass Transitions and Freezing Events of Aqueous Citric Acid. Journal of Physical Chemistry A, 2015, 119, 4515-4523.	2.5	22





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127	Conformational changes of a polyelectrolyte in mixtures of water and acetone. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1998, 36, 1107-1114.	2.1	16
128	Partially fluorinated thermally responsive latices of linear and crosslinked copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1998, 36, 2141-2152.	2.1	16
129	Poly(vinyl pyrrolidone)-C <sub>70</sub> complexes in aqueous solutions. <i>Polymer</i> , 2003, 44, 4863-4870.	3.8	16
130	Influence of photo-isomerisation on host-guest interactions in poly(azocalix[4]arene)s. <i>Polymer Chemistry</i> , 2013, 4, 2898.	3.9	16
131	Conformations of Highly Charged Dendronized Polymers in Aqueous Solutions of Varying Ionic Strength. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 2258-2264.	2.2	15
132	Polysulfobetaine-surfactant solutions and their use in stabilizing hydrophobic compounds in saline solution. <i>Polymer</i> , 2017, 127, 77-87.	3.8	15
133	Polyzwitterions with LCST Side Chains: Tunable Self-Assembly. <i>Macromolecules</i> , 2020, 53, 8267-8275.	4.8	15
134	Poly(N-isopropyl acrylamide) derivatives with pendent sulfonic acid groups and nitroxide radicals. <i>Polymer</i> , 1994, 35, 4852-4856.	3.8	14
135	Physical Properties of Aqueous Solutions of a Thermo-Responsive Neutral Copolymer and an Anionic Surfactant: Turbidity and Small-Angle Neutron Scattering Studies. <i>Langmuir</i> , 2005, 21, 8010-8018.	3.5	14
136	Preparation, characterisation and application of europium(III) chelate-dyed polystyrene-acrylic acid nanoparticle labels. <i>Analytica Chimica Acta</i> , 2008, 630, 211-216.	5.4	14
137	Crystal Morphology Modification by the Addition of Tailor-Made Stereocontrolled Poly(N-isopropyl acrylamide). <i>Molecular Pharmaceutics</i> , 2012, 9, 1932-1941.	4.6	14
138	Surface initiated polymerization of a cationic monomer on inner surfaces of silica capillaries: Analyte separation by capillary electrophoresis versus polyelectrolyte behavior. <i>Journal of Separation Science</i> , 2013, 36, 1070-1077.	2.5	14
139	Nanocomposites based on crosslinked polyacrylic latex/silver nanoparticles for waterborne high-performance antibacterial coatings. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1435-1447.	2.3	14
140	Polycation-PEG Block Copolymer Undergoes Stepwise Phase Separation in Aqueous Triflate Solution. <i>Macromolecules</i> , 2018, 51, 9681-9691.	4.8	14
141	Thermoresponsive behavior of poly[trialkyl-(4-vinylbenzyl)ammonium] based polyelectrolytes in aqueous salt solutions. <i>Polymer Chemistry</i> , 2020, 11, 5870-5883.	3.9	13
142	A New Method for Measuring Free Drug Concentration: Retinal Tissue as a Biosensor. , 2006, 47, 2583.		12
143	Rheological Behavior of Poly(vinylpyrrolidone)/Fullerene C <sub>60</sub> Complexes in Aqueous Medium. <i>Journal of Macromolecular Science - Physics</i> , 2008, 47, 500-510.	1.0	12
144	Behaviour of stereoblock poly(N-isopropyl acrylamide) in acetone-water mixtures. <i>Polymer Bulletin</i> , 2011, 67, 677-692.	3.3	12

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145	Complexation of calix[4]arene protected gold nanoparticles with pyridinium and bipyridinium compounds. RSC Advances, 2013, 3, 733-742.	3.6	12
146	Gold nanoparticles: calixarene complexation in a mixed calixarene-alkanethiol monolayer. RSC Advances, 2014, 4, 13453.	3.6	12
147	Freezing and glass transitions upon cooling and warming and ice/freeze-concentration-solution morphology of emulsified aqueous citric acid. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 109, 49-60.	4.3	12
148	Polyelectrolyte stabilized nanodiamond dispersions. Diamond and Related Materials, 2019, 95, 185-194.	3.9	12
149	Artificial chaperones based on thermoresponsive polymers recognize the unfolded state of the protein. International Journal of Biological Macromolecules, 2019, 121, 536-545.	7.5	12
150	Contraction of a Polyelectrolyte upon Dilution. Light Scattering Studies on a Polycation in Basic and Acidic Water-Acetone Mixtures. Macromolecules, 1999, 32, 1838-1846.	4.8	11
151	Effect of Polycation Length on Its Complexation with DNA and with Poly(oxyethylene-block-sodium) Tj ETQq1 1 0.784314 rgBT /Overl	5.4	11
152	Association behavior and properties of copolymers of perfluorooctyl ethyl methacrylate and eicosanyl methacrylate. Polymers for Advanced Technologies, 2009, 20, 225-234.	3.2	11
153	Novel photo-switchable polymers based on calix[4]arenes. Polymer Chemistry, 2012, 3, 1126.	3.9	11
154	Cationic poly(methacryl oxyethyl trimethylammonium) and its poly(ethylene glycol)-grafted analogue as capillary coating materials in electrophoresis. Journal of Polymer Science, Part B: Polymer Physics, 2007, 45, 2655-2663.	2.1	10
155	Solution coating around ice particles of incipient cirrus clouds. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2439-E2439.	7.1	10
156	Synthesis and lectin recognition of glycosylated amphiphilic nanoparticles. European Polymer Journal, 2014, 59, 282-289.	5.4	10
157	Rheological properties of thermoresponsive nanocomposite hydrogels. Journal of Applied Polymer Science, 2016, 133, .	2.6	10
158	Collapse of poly(methacryloylethyl trimethylammonium methylsulfate) on addition of acetone into an aqueous solution. Polymer, 1999, 40, 1173-1180.	3.8	9
159	Interfacial and Fluorescence Studies on Stereoblock Poly( <i>N</i> -isopropylacryl amide)s. Langmuir, 2012, 28, 14792-14798.	3.5	9
160	Poly(2-propyl-2-oxazoline)s in Aqueous Methanol: To Dissolve or not to Dissolve. Macromolecules, 2019, 52, 6361-6368.	4.8	9
161	Interparticle distance in monolayers controlled by soft spacers. Soft Matter, 2011, 7, 7112.	2.7	8
162	A novel method to prepare water dispersible poly(benzimidazobenzophenanthroline) (BBL) by partial substitution of chain ends with poly(ethylene oxide). Colloid and Polymer Science, 2011, 289, 1065-1072.	2.1	8

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163	Wetting behaviour and direct observation of thermally responsive polystyrene- <i>block</i> -poly( <i>N</i> -isopropylacrylamide)- <i>block</i> -polystyrene electrospun fibres in aqueous environment. <i>Polymer International</i> , 2014, 63, 37-43.	3.1	8
164	Breath figure templated semifluorinated block copolymers with tunable surface properties and binding capabilities. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	8
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