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## List of Publications by Year in descending order

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119  
papers

5,402  
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81839

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in Colloidal Assembly: The Design of Structure and Hierarchy in Two and Three Dimensions. <i>Chemical Reviews</i> , 2015, 115, 6265-6311.	23.0	630
2	Light-Responsive Block Copolymers. <i>Macromolecular Rapid Communications</i> , 2010, 31, 1588-1607.	2.0	304
3	Metallo-Supramolecular Block Copolymers. <i>Advanced Materials</i> , 2007, 19, 1665-1673.	11.1	162
4	Parameters Influencing the Templated Growth of Colloidal Crystals on Chemically Patterned Surfaces. <i>Langmuir</i> , 2004, 20, 9114-9123.	1.6	142
5	Microwave-Assisted Cationic Ring-Opening Polymerization of 2-Oxazolines: A Powerful Method for the Synthesis of Amphiphilic Triblock Copolymers. <i>Macromolecules</i> , 2006, 39, 4719-4725.	2.2	131
6	A versatile strategy for the synthesis of block copolymers bearing a photocleavable junction. <i>Polymer Chemistry</i> , 2010, 1, 161-163.	1.9	120
7	Dithioesters and Trithiocarbonates as Anchoring Groups for the "Grafting-To" Approach. <i>Macromolecules</i> , 2006, 39, 2729-2731.	2.2	118
8	Combinatorial Synthesis of Star-Shaped Block Copolymers: Host-Guest Chemistry of Unimolecular Reversed Micelles. <i>Journal of the American Chemical Society</i> , 2004, 126, 11517-11521.	6.6	113
9	Site-Selective Growth of Colloidal Crystals with Photonic Properties on Chemically Patterned Surfaces. <i>Advanced Materials</i> , 2003, 15, 1025-1028.	11.1	107
10	A single synthetic small molecule that generates force against a load. <i>Nature Nanotechnology</i> , 2011, 6, 553-557.	15.6	103
11	Nanoporous Thin Films from Self-Assembled Metallo-Supramolecular Block Copolymers. <i>Advanced Materials</i> , 2005, 17, 1162-1165.	11.1	97
12	Linear Viscoelastic Rheology of Moderately Entangled Telechelic Polybutadiene Temporary Networks. <i>Macromolecules</i> , 2009, 42, 6181-6192.	2.2	79
13	Solubility behavior of amphiphilic block and random copolymers based on 2-ethyl-2-oxazoline and 2-nonyl-2-oxazoline in binary water-ethanol mixtures. <i>Journal of Polymer Science Part A</i> , 2009, 47, 515-522.	2.5	76
14	A schizophrenic gradient copolymer: switching and reversing poly(2-oxazoline) micelles based on UCST and subtle solvent changes. <i>Soft Matter</i> , 2009, 5, 3590.	1.2	76
15	All-in-one strategy for the fabrication of antimicrobial biomimetic films on stainless steel. <i>Journal of Materials Chemistry</i> , 2009, 19, 4117.	6.7	75
16	Ordered nanoporous membranes based on diblock copolymers with high chemical stability and tunable separation properties. <i>Journal of Materials Chemistry</i> , 2010, 20, 4333.	6.7	74
17	One-pot controlled synthesis of double thermoresponsive N-vinylcaprolactam-based copolymers with tunable LCSTs. <i>Polymer Chemistry</i> , 2013, 4, 2575.	1.9	71
18	Synthesis and Aqueous Micellization of Amphiphilic Tetra- and Quarterpoly(2-oxazoline)s. <i>Macromolecules</i> , 2007, 40, 2837-2843.	2.2	69

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19	Mechanically Linked Polycarbonate. <i>Journal of the American Chemical Society</i> , 2003, 125, 2200-2207.	6.6	67
20	Tuning the Hydrophilicity of Gold Nanoparticles Templated in Star Block Copolymers. <i>Langmuir</i> , 2006, 22, 6690-6695.	1.6	67
21	Polymeric Micelles Induced by Interpolymer Complexation. <i>Macromolecular Rapid Communications</i> , 2009, 30, 1871-1888.	2.0	67
22	Supramolecular Self-Assembled Ni(II), Fe(II), and Co(II) ABA Triblock Copolymers. <i>Macromolecules</i> , 2008, 41, 2771-2777.	2.2	61
23	Supramolecular ABA Triblock Copolymers via a Polycondensation Approach: Synthesis, Characterization, and Micelle Formation. <i>Macromolecules</i> , 2006, 39, 1569-1576.	2.2	60
24	Polymer Gels Constructed Through Metal-Ligand Coordination. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013, 23, 24-40.	1.9	59
25	Synthesis of Poly(2-ethyl-2-oxazoline)- <i>b</i> -poly(styrene) Copolymers via a Dual Initiator Route Combining Cationic Ring-Opening Polymerization and Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2008, 41, 5210-5215.	2.2	58
26	Connecting micelles by metallo-supramolecular interactions: towards stimuli responsive hierarchical materials. <i>Soft Matter</i> , 2009, 5, 3409.	1.2	58
27	Metallo-supramolecular diblock copolymers based on heteroleptic cobalt(III) and nickel(II) bis-terpyridine complexes. <i>Chemical Communications</i> , 2010, 46, 1296.	2.2	54
28	How Supramolecular Assemblies Control Dynamics of Associative Polymers: Toward a General Picture. <i>Macromolecules</i> , 2016, 49, 1890-1902.	2.2	54
29	Are <i>o</i> -nitrobenzyl (meth)acrylate monomers polymerizable by controlled radical polymerization?. <i>Journal of Polymer Science Part A</i> , 2009, 47, 6504-6513.	2.5	51
30	Tunable Interpenetrating Polymer Network Hydrogels Based on Dynamic Covalent Bonds and Metal-Ligand Bonds. <i>Macromolecules</i> , 2020, 53, 6956-6967.	2.2	51
31	Probing the mobility of catenane rings in single molecules. <i>Chemical Science</i> , 2014, 5, 1449.	3.7	50
32	Rotaxane-Based Mechanically Linked Block Copolymers. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9093-9096.	7.2	47
33	Synthesis and self-assembly of diblock copolymers bearing <i>o</i> -nitrobenzyl photocleavable side groups. <i>Journal of Polymer Science Part A</i> , 2012, 50, 599-608.	2.5	47
34	Mechanisms of Crystalloid versus Colloid Osmosis across the Peritoneal Membrane. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1875-1886.	3.0	47
35	Synthesis and pH-dependent micellization of diblock copolymer mixtures. <i>Journal of Colloid and Interface Science</i> , 2009, 329, 235-243.	5.0	45
36	Integrating Proteins in Layer-by-Layer Assemblies Independently of their Electrical Charge. <i>ACS Nano</i> , 2018, 12, 8372-8381.	7.3	44

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37	Self-Assembly and pH-Responsiveness of ABC Miktoarm Star Terpolymers. <i>Langmuir</i> , 2009, 25, 107-111.	1.6	43
38	Discovering new block terpolymer micellar morphologies. <i>Chemical Communications</i> , 2010, 46, 6455.	2.2	42
39	Tuning block copolymer micelles by metal–ligand interactions. <i>Soft Matter</i> , 2008, 4, 2278.	1.2	41
40	Structure–Property Study of Diblock Copolymer Micelles: Core and Corona Radius with Varying Composition and Degree of Polymerization. <i>Macromolecules</i> , 2005, 38, 10185-10191.	2.2	40
41	Study of the Influence of the Metal–Ligand Complex on the Size of Aqueous Metallo-Supramolecular Micelles. <i>Macromolecules</i> , 2006, 39, 5484-5488.	2.2	40
42	Decoding the linear viscoelastic properties of model telechelic metallo-supramolecular polymers. <i>Journal of Rheology</i> , 2017, 61, 1245-1262.	1.3	39
43	Metallo-supramolecular hydrogels based on copolymers bearing terpyridine side-chain ligands. <i>Soft Matter</i> , 2013, 9, 2314.	1.2	38
44	Hydrogels with Dual Relaxation and Two-Step Gel–Sol Transition from Heterotelechelic Polymers. <i>Macromolecules</i> , 2013, 46, 9134-9143.	2.2	38
45	Functionalized Stimuli-Responsive Nanocages from Photocleavable Block Copolymers. <i>Macromolecules</i> , 2014, 47, 183-190.	2.2	38
46	First Insights into Electrografted Polymers by AFM-Based Force Spectroscopy. <i>Macromolecules</i> , 2006, 39, 8428-8433.	2.2	37
47	Amphiphilic gradient copolymers containing fluorinated 2-phenyl-oxazolines: Microwave-assisted one-pot synthesis and self-assembly in water. <i>Journal of Polymer Science Part A</i> , 2008, 46, 5859-5868.	2.5	37
48	Functionalized Nanoporous Thin Films From Photocleavable Block Copolymers. <i>Macromolecular Rapid Communications</i> , 2012, 33, 199-205.	2.0	37
49	Pore-Functionalized Nanoporous Materials Derived from Block Copolymers. <i>Macromolecular Rapid Communications</i> , 2013, 34, 962-982.	2.0	37
50	Double thermoresponsive di- and triblock copolymers based on N-vinylcaprolactam and N-vinylpyrrolidone: synthesis and comparative study of solution behaviour. <i>Polymer Chemistry</i> , 2014, 5, 6534-6544.	1.9	37
51	Multiresponsive Micellar Systems from Photocleavable Block Copolymers. <i>ACS Macro Letters</i> , 2012, 1, 949-953.	2.3	36
52	Self-Assembly in Thin Films of Mixtures of Block Copolymers and Homopolymers Interacting by Hydrogen Bonds. <i>Macromolecules</i> , 2010, 43, 7734-7743.	2.2	35
53	Photo-induced micellization of block copolymers bearing 4,5-dimethoxy-2-nitrobenzyl side groups. <i>Soft Matter</i> , 2011, 7, 6891.	1.2	35
54	Synthesis and Rheology of Bulk Metallo-Supramolecular Polymers from Telechelic Entangled Precursors. <i>Macromolecules</i> , 2017, 50, 5165-5175.	2.2	35

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55	Amine-functionalized nanoporous thin films from a poly(ethylene oxide)-block-polystyrene diblock copolymer bearing a photocleavable o-nitrobenzyl carbamate junction. <i>Soft Matter</i> , 2012, 8, 4486.	1.2	32
56	Protein-polyelectrolyte complexes to improve the biological activity of proteins in layer-by-layer assemblies. <i>Nanoscale</i> , 2017, 9, 17186-17192.	2.8	32
57	Organometallic-Mediated Radical Polymerization: Unusual Route toward (Quasi-) Diblock Graft Copolymers Starting from a Mixture of Monomers of Opposed Reactivity. <i>Macromolecules</i> , 2011, 44, 4623-4631.	2.2	31
58	Controlling the melt rheology of linear entangled metallo-supramolecular polymers. <i>Soft Matter</i> , 2015, 11, 762-774.	1.2	31
59	Self-assembly of block copolymer complexes in organic solvents. <i>Polymer</i> , 2007, 48, 2306-2311.	1.8	30
60	Synthesis and Micellization of Coil-Rod-Coil Ruthenium(II) Terpyridine Assemblies. <i>Macromolecules</i> , 2008, 41, 8823-8831.	2.2	30
61	Functionalized Nanoporous Thin Films from Metallo-Supramolecular Diblock Copolymers. <i>Langmuir</i> , 2012, 28, 3018-3023.	1.6	30
62	Photosensitizer localization in amphiphilic block copolymers controls photodynamic therapy efficacy. <i>Nanoscale</i> , 2017, 9, 11180-11186.	2.8	30
63	Mechanically Linked Poly(ethylene terephthalate). <i>Macromolecules</i> , 2004, 37, 7884-7892.	2.2	29
64	Thermo-responsive properties of metallo-supramolecular block copolymer micellar hydrogels. <i>Soft Matter</i> , 2014, 10, 3086.	1.2	29
65	Self-assembly of metallo-supramolecular block copolymers in thin films. <i>Journal of Polymer Science Part A</i> , 2008, 46, 4719-4724.	2.5	28
66	Advanced Polymer Architectures with Stimuli-Responsive Properties Starting from Inimers. <i>Macromolecules</i> , 2008, 41, 2593-2606.	2.2	28
67	Self-organization of coil tri- and tetra-arm star metallo-supramolecular block copolymers in selective solvents. <i>Soft Matter</i> , 2009, 5, 2954.	1.2	28
68	Highly Ordered Conjugated Polymer Nanoarchitectures with Three-Dimensional Structural Control. <i>Nano Letters</i> , 2009, 9, 2838-2843.	4.5	28
69	Dithioesters and trithiocarbonates monolayers on gold. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2009, 172, 104-106.	0.8	27
70	Imidazolium-substituted ionic (co)polythiophenes: Compositional influence on solution behavior and thermal properties. <i>Polymer</i> , 2013, 54, 6293-6304.	1.8	27
71	Solution and Solid-State Properties of Mechanically Linked Polycarbonates. <i>Macromolecules</i> , 2004, 37, 66-70.	2.2	26
72	Controlling the Cross-Linking Density of Supramolecular Hydrogels Formed by Heterotelechelic Associating Copolymers. <i>Macromolecules</i> , 2014, 47, 4514-4524.	2.2	26

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73	Self-Assembly Behavior of Bis(terpyridine) and Metallo-bis(terpyridine) Pluronics in Dilute Aqueous Solutions. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 2323-2330.	1.1	24
74	Microwave-assisted synthesis and micellization behavior of soy-based copoly(2-oxazoline)s. <i>Colloid and Polymer Science</i> , 2006, 284, 1313-1318.	1.0	23
75	Closer insight into the structure of moderate to densely branched comb polymers by combining modelling and linear rheological measurements. <i>Soft Matter</i> , 2017, 13, 1063-1073.	1.2	23
76	Photoemission study of pristine and potassium intercalated benzylic amide catenane films. <i>Surface Science</i> , 2001, 474, 37-46.	0.8	22
77	One-Step Polymer Grafting from Silicon Nitride SPM Probes: From Isolated Chains to Brush Regime. <i>Journal of the American Chemical Society</i> , 2007, 129, 8410-8411.	6.6	22
78	Tuning micellar morphology and rheological behaviour of metallo-supramolecular micellar gels. <i>Soft Matter</i> , 2012, 8, 4499.	1.2	22
79	Temperature-Responsive Aqueous Micelles From Terpyridine End-Capped Poly( <i>N</i> -isopropylacrylamide)-Block-Polystyrene Diblock Copolymers. <i>Macromolecular Rapid Communications</i> , 2012, 33, 534-539.	2.0	22
80	Amphiphilic brushes from metallo-supramolecular block copolymers. <i>Soft Matter</i> , 2009, 5, 1460.	1.2	21
81	Amphiphilic N-methylimidazole-functionalized diblock copolythiophenes. <i>European Polymer Journal</i> , 2014, 53, 206-214.	2.6	21
82	Double thermo-responsive hydrogels from poly(vinylcaprolactam) containing diblock and triblock copolymers. <i>Polymer Chemistry</i> , 2015, 6, 1856-1864.	1.9	21
83	High-Frequency Vibrations of the Simplest Benzylic Amide [2]Catenane. <i>Journal of Physical Chemistry A</i> , 1998, 102, 5782-5788.	1.1	19
84	Physical Consequences of a Mechanically Interlocked Architecture: Benzylic Amide Catenane NH Stretching Vibrations as Sensitive Probes for Weakly Hydrogen-Bonding Environments. <i>ChemPhysChem</i> , 2000, 1, 97-100.	1.0	19
85	Reorganization of Hydrogen-Bonded Block Copolymer Complexes. <i>Langmuir</i> , 2007, 23, 4618-4622.	1.6	19
86	Poly(dimethylsiloxane)-Substituted 2,2':6,2''-Terpyridines: Synthesis and Characterization of New Amphiphilic Supramolecular Diblock Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 1666-1672.	1.1	19
87	Revealing the Supramolecular Nature of Side-Chain Terpyridine-Functionalized Polymer Networks. <i>International Journal of Molecular Sciences</i> , 2015, 16, 990-1007.	1.8	19
88	Control over the assembly and rheology of supramolecular networks via multi-responsive double hydrophilic copolymers. <i>Polymer Chemistry</i> , 2017, 8, 1527-1539.	1.9	19
89	Synthesis of diblock copolymers bearing p-methoxyphenacyl side groups. <i>Polymer Chemistry</i> , 2011, 2, 2284.	1.9	18
90	Orthogonal Control of the Dynamics of Supramolecular Gels from Heterotelechelic Associating Polymers. <i>ACS Macro Letters</i> , 2016, 5, 1364-1368.	2.3	18

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91	Multiple micellar morphologies from tri- and tetrablock copoly(2-oxazoline)s in binary water-ethanol mixtures. <i>Journal of Polymer Science Part A</i> , 2010, 48, 3095-3102.	2.5	17
92	Metallo-supramolecular block copolymer micelles: recent achievements. <i>Soft Matter</i> , 2011, 7, 3673.	1.2	17
93	Real-Time Fluctuations in Single-Molecule Rotaxane Experiments Reveal an Intermediate Weak Binding State during Shuttling. <i>Journal of the American Chemical Society</i> , 2021, 143, 2348-2352.	6.6	17
94	Evaporation induced micellization of poly(2-oxazoline) multiblock copolymers on surfaces. <i>Soft Matter</i> , 2007, 3, 79-82.	1.2	16
95	Stimuli-responsive behavior of micelles prepared from a poly(vinyl alcohol)-block-poly(acrylic) Tj ETQq1 1 0.784314,rgBT /Overlock 10	2.8	16
96	Nanoporous thin films from ionically connected diblock copolymers. <i>European Polymer Journal</i> , 2012, 48, 940-944.	2.6	15
97	Self-assembly of a triblock terpolymer mediated by hydrogen-bonded complexes. <i>Journal of Polymer Science Part A</i> , 2015, 53, 459-467.	2.5	15
98	Influence of a Single Catenane on the Solid-State Properties of Mechanically Linked Polymers. <i>ACS Macro Letters</i> , 2017, 6, 468-472.	2.3	15
99	Precise Control over the Rheological Behavior of Associating Stimuli-Responsive Block Copolymer Gels. <i>Gels</i> , 2015, 1, 235-255.	2.1	14
100	Micellization of Poly(2-oxazoline)-Based Quasi-Diblock Copolymers on Surfaces. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 2026-2031.	1.1	13
101	Transient Metallosupramolecular Networks Built from Entangled Melts of Poly(ethylene oxide). <i>Macromolecules</i> , 2015, 48, 3746-3755.	2.2	13
102	Catenane-based mechanically-linked block copolymers. <i>Chemical Communications</i> , 2016, 52, 2149-2152.	2.2	13
103	Dynamics and Structure of Metallo-supramolecular Polymers Based on Short Telechelic Precursors. <i>Macromolecules</i> , 2021, 54, 6400-6416.	2.2	13
104	Polyelectrolyte complex nanoparticles from <i>N</i> -carboxyethylchitosan and polycationic double hydrophilic diblock copolymers. <i>Journal of Polymer Science Part A</i> , 2009, 47, 2105-2117.	2.5	11
105	Synthesis and Self-Assembly of Terpyridine End-Capped Poly( <i>N</i> -isopropylacrylamide)-block-Poly(2-(Dimethylamino)ethyl Methacrylate) Diblock Copolymers. <i>Macromolecular Rapid Communications</i> , 2015, 36, 610-615.	2.0	11
106	Structure of Metallo-Supramolecular Micellar Gels. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 1699-1709.	1.1	9
107	Magneto-Responsive Nanocomposites with a Metal-Ligand Supramolecular Matrix. <i>Macromolecules</i> , 2022, 55, 3936-3947.	2.2	9
108	Surface micellization of poly(2-oxazoline)s based copolymers containing a crystallizable block. <i>Journal of Colloid and Interface Science</i> , 2009, 332, 91-95.	5.0	7

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109	A photocleavable stabilizer for the preparation of PHEMA nanogels by dispersion polymerization in supercritical carbon dioxide. <i>Polymer Chemistry</i> , 2017, 8, 581-591.	1.9	7
110	Supramolecular Aqueous Gels Based on Terpyridine-Modified Pluronics. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 2253-2260.	1.1	6
111	Local Molecular Dynamics and Heterogeneity in PEO-NiCl <sub>2</sub> Supramolecular Networks. <i>Macromolecules</i> , 2015, 48, 2290-2298.	2.2	6
112	Influence of Network Topology on the Viscoelastic Properties of Double Dynamics Hydrogels. <i>Macromolecules</i> , 2022, 55, 5058-5070.	2.2	6
113	Supramolecular Superparamagnetic Nanocomposites Based on a Magnetite-Filled Unentangled Terpyridine-Functionalized Polymer. <i>Macromolecules</i> , 2020, 53, 5361-5370.	2.2	5
114	Linear and Nonlinear Dynamic Behavior of Polymer Micellar Assemblies Connected by Metallo-Supramolecular Interactions. <i>Polymers</i> , 2019, 11, 1532.	2.0	3
115	Synthetic platform for mono-functionalised tridentate macrocycles as key precursors of mechanically-linked macromolecular systems. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2383-2392.	2.3	2
116	Resonant interaction of low energy electrons with intramolecular vibrations in solid C <sub>60</sub> . <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1995, 76, 115-119.	0.8	1
117	Thermo-responsive metallo-supramolecular gels based on terpyridine end-functionalized amphiphilic diblock copolymers. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1499, 1.	0.1	1
118	Macromol. Rapid Commun. 18/2010. <i>Macromolecular Rapid Communications</i> , 2010, 31, n/a-n/a.	2.0	0
119	Hybrid synthesis and processing schemes for highly-ordered polyaniline nanoarchitectures. , 2010, , .		0