

Xi Zhang

List of Publications by Year in descending order

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304
papers

27,166
citations

5896

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7348

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324
all docs

324
docs citations

324
times ranked

21779
citing authors

#	ARTICLE	IF	CITATIONS
1	Superhydrophobic surfaces: from structural control to functional application. <i>Journal of Materials Chemistry</i> , 2008, 18, 621-633.	6.7	1,560
2	Supramolecular Polymers: Historical Development, Preparation, Characterization, and Functions. <i>Chemical Reviews</i> , 2015, 115, 7196-7239.	47.7	1,065
3	Environment-Friendly Method To Produce Graphene That Employs Vitamin C and Amino Acid. <i>Chemistry of Materials</i> , 2010, 22, 2213-2218.	6.7	712
4	Supramolecular amphiphiles. <i>Chemical Society Reviews</i> , 2011, 40, 94-101.	38.1	652
5	Amphiphilic Building Blocks for Self-Assembly: From Amphiphiles to Supra-amphiphiles. <i>Accounts of Chemical Research</i> , 2012, 45, 608-618.	15.6	652
6	Dual Redox Responsive Assemblies Formed from Diselenide Block Copolymers. <i>Journal of the American Chemical Society</i> , 2010, 132, 442-443.	13.7	643
7	Low-Temperature Synthesis and High Visible-Light-Induced Photocatalytic Activity of BiOI/TiO ₂ Heterostructures. <i>Journal of Physical Chemistry C</i> , 2009, 113, 7371-7378.	3.1	633
8	Polyelectrolyte Multilayer as Matrix for Electrochemical Deposition of Gold Clusters: Toward Super-Hydrophobic Surface. <i>Journal of the American Chemical Society</i> , 2004, 126, 3064-3065.	13.7	627
9	Layer-by-layer assembly: from conventional to unconventional methods. <i>Chemical Communications</i> , 2007, , 1395-1405.	4.1	519
10	Selenium-Containing Polymers: Promising Biomaterials for Controlled Release and Enzyme Mimics. <i>Accounts of Chemical Research</i> , 2013, 46, 1647-1658.	15.6	489
11	Photocontrolled Reversible Supramolecular Assemblies of an Azobenzene-Containing Surfactant with β -Cyclodextrin. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2823-2826.	13.8	484
12	Supramolecular Chemistry at Interfaces: Host-Guest Interactions for Fabricating Multifunctional Biointerfaces. <i>Accounts of Chemical Research</i> , 2014, 47, 2106-2115.	15.6	440
13	Tuning the Amphiphilicity of Building Blocks: Controlled Self-Assembly and Disassembly for Functional Supramolecular Materials. <i>Advanced Materials</i> , 2009, 21, 2849-2864.	21.0	423
14	Water-Soluble Supramolecular Polymerization Driven by Multiple Host-Stabilized Charge-Transfer Interactions. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6576-6579.	13.8	380
15	Supramolecular Antibacterial Materials for Combatting Antibiotic Resistance. <i>Advanced Materials</i> , 2019, 31, e1805092.	21.0	380
16	A new approach for the fabrication of an alternating multilayer film of poly(4-vinylpyridine) and poly(acrylic acid) based on hydrogen bonding. <i>Macromolecular Rapid Communications</i> , 1997, 18, 509-514.	3.9	377
17	Precise nanomedicine for intelligent therapy of cancer. <i>Science China Chemistry</i> , 2018, 61, 1503-1552.	8.2	336
18	Characterization of supramolecular polymers. <i>Chemical Society Reviews</i> , 2012, 41, 5922.	38.1	298

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19	Supramolecular Photosensitizers with Enhanced Antibacterial Efficiency. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8285-8289.	13.8	294
20	25th Anniversary Article: Reversible and Adaptive Functional Supramolecular Materials: "Noncovalent Interaction" Matters. <i>Advanced Materials</i> , 2013, 25, 5530-5548.	21.0	275
21	Single molecule mechanochemistry of macromolecules. <i>Progress in Polymer Science</i> , 2003, 28, 1271-1295.	24.7	254
22	Supramolecular Radical Anions Triggered by Bacteria In Situ for Selective Photothermal Therapy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16239-16242.	13.8	235
23	Supramolecular Polymerization Promoted and Controlled through Self-Sorting. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5351-5355.	13.8	200
24	Controlled Self-Assembly Manipulated by Charge-Transfer Interactions: From Tubes to Vesicles. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9049-9052.	13.8	198
25	Photocontrolled Self-Assembly and Disassembly of Block Ionomer Complex Vesicles: A Facile Approach toward Supramolecular Polymer Nanocontainers. <i>Langmuir</i> , 2010, 26, 709-715.	3.5	196
26	An Enzyme-Responsive Polymeric Superamphiphile. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8612-8615.	13.8	195
27	Antimicrobial cationic polymers: from structural design to functional control. <i>Polymer Journal</i> , 2018, 50, 33-44.	2.7	187
28	Cucurbit[8]uril-Based Supramolecular Polymers. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1626-1632.	3.3	185
29	Selenium-containing block copolymers and their oxidation-responsive aggregates. <i>Polymer Chemistry</i> , 2010, 1, 1609.	3.9	181
30	Self-Assembled Monolayers of Dendron Thiols for Electrodeposition of Gold Nanostructures: Toward Fabrication of Superhydrophobic/Superhydrophilic Surfaces and pH-Responsive Surfaces. <i>Langmuir</i> , 2005, 21, 1986-1990.	3.5	178
31	Supramolecular free radicals: near-infrared organic materials with enhanced photothermal conversion. <i>Chemical Science</i> , 2015, 6, 3975-3980.	7.4	174
32	Tough and Multi-Recyclable Cross-Linked Supramolecular Polyureas via Incorporating Noncovalent Bonds into Main Chains. <i>Advanced Materials</i> , 2020, 32, e2000096.	21.0	174
33	Tuning surface wettability through photocontrolled reversible molecular shuttle. <i>Chemical Communications</i> , 2008, , 5710.	4.1	172
34	Highly Efficient Dendrimer-Based Mimic of Glutathione Peroxidase. <i>Journal of the American Chemical Society</i> , 2004, 126, 10556-10557.	13.7	169
35	A Supramolecular Radical Dimer: High Efficiency NIR Photothermal Conversion and Therapy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15526-15531.	13.8	168
36	Supramolecular Amphiphiles Based on a Water-Soluble Charge-Transfer Complex: Fabrication of Ultralong Nanofibers with Tunable Straightness. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8962-8965.	13.8	164

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37	Surface Gradient Material: From Superhydrophobicity to Superhydrophilicity. <i>Langmuir</i> , 2006, 22, 4483-4486.	3.5	154
38	Radiation-Sensitive Diselenide Block Co-polymer Micellar Aggregates: Toward the Combination of Radiotherapy and Chemotherapy. <i>Langmuir</i> , 2011, 27, 5874-5878.	3.5	152
39	Hydrogen Bonding Governs the Elastic Properties of Poly(vinyl alcohol) in Water: A Single-Molecule Force Spectroscopic Studies of PVA by AFM. <i>Macromolecules</i> , 2000, 33, 465-469.	4.8	151
40	Self-Assembled Ultrathin Films: From Layered Nanoarchitectures to Functional Assemblies. <i>Advanced Materials</i> , 1999, 11, 1139-1143.	21.0	148
41	Supramolecular Chemotherapy: Cooperative Enhancement of Antitumor Activity by Combining Controlled Release of Oxaliplatin and Consuming of Spermine by Cucurbit[7]uril. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 8602-8608.	8.0	148
42	Hydrogen-Bonding-Directed Layer-by-Layer Multilayer Assembly: Reconfiguration Yielding Microporous Films. <i>Macromolecules</i> , 2002, 35, 9451-9458.	4.8	141
43	A pH-Responsive Superamphiphile Based on Dynamic Covalent Bonds. <i>Chemistry - A European Journal</i> , 2011, 17, 3322-3325.	3.3	140
44	Superamphiphiles Based on Directional Charge-Transfer Interactions: From Supramolecular Engineering to Well-Defined Nanostructures. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4952-4956.	13.8	138
45	Supramolecular Hydrogels Fabricated from Supramonomers: A Novel Wound Dressing Material. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 11368-11372.	8.0	135
46	Supramolecular polymer chemistry: From structural control to functional assembly. <i>Progress in Polymer Science</i> , 2020, 100, 101167.	24.7	135
47	Oxidation-Responsive Micelles Based on a Selenium-Containing Polymeric Superamphiphile. <i>Langmuir</i> , 2010, 26, 14414-14418.	3.5	133
48	Side-chain selenium-containing amphiphilic block copolymers: redox-controlled self-assembly and disassembly. <i>Soft Matter</i> , 2012, 8, 1460-1466.	2.7	132
49	Single-molecule force spectroscopy on polysaccharides by AFM - nanomechanical fingerprint of α -(1,4)-linked polysaccharides. <i>Chemical Physics Letters</i> , 1999, 305, 197-201.	2.6	131
50	Supramolecular Porphyrin Photosensitizers: Controllable Disguise and Photoinduced Activation of Antibacterial Behavior. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 13950-13957.	8.0	129
51	Covalently Attached Multilayer Assemblies by Sequential Adsorption of Polycationic Diazo-Resins and Polyanionic Poly(acrylic acid). <i>Langmuir</i> , 2000, 16, 4620-4624.	3.5	128
52	Tuning the stability of organic radicals: from covalent approaches to non-covalent approaches. <i>Chemical Science</i> , 2020, 11, 1192-1204.	7.4	125
53	Direct Measurements of the Interaction between Pyrene and Graphite in Aqueous Media by Single Molecule Force Spectroscopy: Understanding the π - π Interactions. <i>Langmuir</i> , 2007, 23, 7911-7915.	3.5	124
54	Extracting a Single Polyethylene Oxide Chain from a Single Crystal by a Combination of Atomic Force Microscopy Imaging and Single-Molecule Force Spectroscopy: Toward the Investigation of Molecular Interactions in Their Condensed States. <i>Journal of the American Chemical Society</i> , 2011, 133, 3226-3229.	13.7	122

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55	In Situ Hypoxia-Induced Supramolecular Perylene Diimide Radical Anions in Tumors for Photothermal Therapy with Improved Specificity. <i>Journal of the American Chemical Society</i> , 2022, 144, 2360-2367.	13.7	122
56	Investigation into an Alternating Multilayer Film of Poly(4-Vinylpyridine) and Poly(acrylic acid) Based on Hydrogen Bonding. <i>Langmuir</i> , 1999, 15, 1360-1363.	3.5	121
57	Cucurbit[8]uril-based supramolecular polymers: promoting supramolecular polymerization by metal-coordination. <i>Chemical Communications</i> , 2013, 49, 5766.	4.1	116
58	Single Polymer Chain Elongation of Poly(N-isopropylacrylamide) and Poly(acrylamide) by Atomic Force Microscopy. <i>Journal of Physical Chemistry B</i> , 2000, 104, 10258-10264.	2.6	112
59	Host-Enhanced π - π Interaction for Water-Soluble Supramolecular Polymerization. <i>Chemistry - A European Journal</i> , 2011, 17, 9930-9935.	3.3	111
60	Photoresponsive Supramolecular Amphiphiles for Controlled Self-Assembly of Nanofibers and Vesicles. <i>Advanced Materials</i> , 2010, 22, 2553-2555.	21.0	109
61	Supra-Amphiphiles: A New Bridge Between Colloidal Science and Supramolecular Chemistry. <i>Langmuir</i> , 2014, 30, 5989-6001.	3.5	109
62	Water-soluble supramolecular hyperbranched polymers based on host-enhanced π - π interaction. <i>Polymer Chemistry</i> , 2013, 4, 900.	3.9	108
63	Supramolecular Interfacial Polymerization: A Controllable Method of Fabricating Supramolecular Polymeric Materials. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7639-7643.	13.8	108
64	A new kind of immobilized enzyme multilayer based on cationic and anionic interaction. <i>Macromolecular Rapid Communications</i> , 1994, 15, 405-409.	3.9	107
65	Azobenzene-Containing Supramolecular Side-Chain Polymer Films for Laser-Induced Surface Relief Gratings. <i>Chemistry of Materials</i> , 2007, 19, 3877-3881.	6.7	105
66	The Introduction of π - π Stacking Moieties for Fabricating Stable Micellar Structure: Formation and Dynamics of Disklike Micelles. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4731-4735.	13.8	103
67	A supramolecular strategy for tuning the energy level of naphthalenediimide: Promoted formation of radical anions with extraordinary stability. <i>Chemical Science</i> , 2015, 6, 3342-3346.	7.4	102
68	Single-Molecule Force Spectroscopy on Poly(acrylic acid) by AFM. <i>Langmuir</i> , 1999, 15, 2120-2124.	3.5	100
69	Fabrication of ultrathin film containing bienzyme of glucose oxidase and glucoamylase based on electrostatic interaction and its potential application as a maltose sensor. <i>Macromolecular Chemistry and Physics</i> , 1996, 197, 147-153.	2.2	97
70	Roselike Microstructures Formed by Direct In Situ Hydrothermal Synthesis: From Superhydrophilicity to Superhydrophobicity. <i>Chemistry of Materials</i> , 2005, 17, 6177-6180.	6.7	97
71	A Self-Degradable Supramolecular Photosensitizer with High Photodynamic Therapeutic Efficiency and Improved Safety. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 706-710.	13.8	97
72	A New Approach to the Fabrication of a Self-Organizing Film of Heterostructured Polymer/Cu ₂ S Nanoparticles. <i>Advanced Materials</i> , 1998, 10, 529-532.	21.0	96

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73	Azobenzene-Containing Supramolecular Polymer Films for Laser-Induced Surface Relief Gratings. Chemistry of Materials, 2007, 19, 14-17.	6.7	93
74	Highly Transparent, Underwater Self-Healing, and Ionic Conductive Elastomer Based on Multivalent Ions and Dipole Interactions. Chemistry of Materials, 2020, 32, 6310-6317.	6.7	93
75	Dissipative Supramolecular Polymerization Powered by Light. CCS Chemistry, 2019, 1, 335-342.	7.8	93
76	Build-up of a new type of ultrathin film of porphyrin and phthalocyanine based on cationic and anionic electrostatic attraction. Journal of the Chemical Society Chemical Communications, 1994, , 1055.	2.0	92
77	Redox responsive supramolecular amphiphiles based on reversible charge transfer interactions. Chemical Communications, 2009, , 5380.	4.1	90
78	Molecular engineering of polymeric supra-amphiphiles. Chemical Society Reviews, 2019, 48, 989-1003.	38.1	90
79	Supramolecular Self-Assembly Induced Adjustable Multiple Gating States of Nanofluidic Diodes. Journal of the American Chemical Society, 2016, 138, 16372-16379.	13.7	82
80	Self-Assembled Monolayers of a Malachite Green Derivative: Surfaces with pH- and UV-Responsive Wetting Properties. Advanced Materials, 2008, 20, 1972-1977.	21.0	80
81	A supramolecular approach to fabricate highly emissive smart materials. Scientific Reports, 2013, 3, 2372.	3.3	80
82	Supramolecular Chemistry of Cucurbiturils: Tuning Cooperativity with Multiple Noncovalent Interactions from Positive to Negative. Langmuir, 2016, 32, 12352-12360.	3.5	80
83	Supramolecularly Catalyzed Polymerization: From Consecutive Dimerization to Polymerization. Angewandte Chemie - International Edition, 2018, 57, 8545-8549.	13.8	80
84	Cytotoxicity Regulated by Host-Guest Interactions: A Supramolecular Strategy to Realize Controlled Disguise and Exposure. ACS Applied Materials & Interfaces, 2016, 8, 22780-22784.	8.0	79
85	Reversible Self-Organization of a UV-Responsive PEG-Terminated Malachite Green Derivative: Vesicle Formation and Photoinduced Disassembly. Langmuir, 2007, 23, 4029-4034.	3.5	78
86	Supramolecular Chemotherapy: Carboxylated Pillar[6]arene for Decreasing Cytotoxicity of Oxaliplatin to Normal Cells and Improving Its Anticancer Bioactivity Against Colorectal Cancer. ACS Applied Materials & Interfaces, 2018, 10, 5365-5372.	8.0	78
87	Enzyme-responsive polymer assemblies constructed through covalent synthesis and supramolecular strategy. Chemical Communications, 2015, 51, 996-1003.	4.1	76
88	The fabrication of a supra-amphiphile for dissipative self-assembly. Chemical Science, 2016, 7, 1151-1155.	7.4	76
89	Supramolecular catalyst functions in catalytic amount: cucurbit[8]uril accelerates the photodimerization of Brookner's merocyanine. Chemical Science, 2017, 8, 8357-8361.	7.4	76
90	Supramolecular polymer fabricated by click polymerization from supramonomer. Polymer Chemistry, 2014, 5, 323-326.	3.9	74

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91	Supramolecular polymeric chemotherapy based on cucurbit[7]uril-PEG copolymer. Biomaterials, 2018, 178, 697-705.	11.4	74
92	Supramolecular Polymerization at Low Monomer Concentrations: Enhancing Intermolecular Interactions and Suppressing Cyclization by Rational Molecular Design. Chemistry - A European Journal, 2012, 18, 15650-15654.	3.3	72
93	Hyperbranched polyselenides as glutathione peroxidase mimics. Chemical Communications, 2006, , 796.	4.1	71
94	Porphyrin-containing hyperbranched supramolecular polymers: enhancing $\langle \sup{1} \rangle \langle \sub{2} \rangle$ -generation efficiency by supramolecular polymerization. Polymer Chemistry, 2014, 5, 53-56.	3.9	70
95	A Supramolecularly Activated Radical Cation for Accelerated Catalytic Oxidation. Angewandte Chemie - International Edition, 2016, 55, 8933-8937.	13.8	69
96	Self-Assembly of Supra-amphiphiles Based on Dual Charge-Transfer Interactions: From Nanosheets to Nanofibers. Langmuir, 2012, 28, 10697-10702.	3.5	68
97	Single Molecule Force Spectroscopy on Polyelectrolytes: Effect of Spacer on Adhesion Force and Linear Charge Density on Rigidity. Macromolecules, 2004, 37, 946-953.	4.8	67
98	Fabrication of Reactivated Biointerface for Dual Controlled Reversible Immobilization of Cytochrome c. Advanced Materials, 2009, 21, 4362-4365.	21.0	64
99	Fabricating covalently attached hyperbranched polymers by combining photochemistry with supramolecular polymerization. Polymer Chemistry, 2014, 5, 1471-1476.	3.9	64
100	Supra-Amphiphiles for Functional Assemblies. Advanced Functional Materials, 2016, 26, 8920-8931.	14.9	64
101	Supramolecular Polymerization Controlled through Kinetic Trapping. Angewandte Chemie - International Edition, 2017, 56, 16575-16578.	13.8	64
102	A Bacteria-Responsive Porphyrin for Adaptable Photodynamic/Photothermal Therapy. Angewandte Chemie - International Edition, 2022, 61, .	13.8	64
103	Surface-Imprinted Nanostructured Layer-by-Layer Film for Molecular Recognition of Theophylline Derivatives. Langmuir, 2008, 24, 11988-11994.	3.5	63
104	Superamphiphiles as Building Blocks for Supramolecular Engineering: Towards Functional Materials and Surfaces. Small, 2011, 7, 1379-1383.	10.0	63
105	Super Strong and Multi-Reusable Supramolecular Epoxy Hot Melt Adhesives. , 2021, 3, 1003-1009.		62
106	Light-Controlled Single-Walled Carbon Nanotube Dispersions in Aqueous Solution. Langmuir, 2008, 24, 9233-9236.	3.5	61
107	Targeting the Cell Membrane by Charge-Reversal Amphiphilic Pillar[5]arene for the Selective Killing of Cancer Cells. ACS Applied Materials & Interfaces, 2019, 11, 38497-38502.	8.0	61
108	Cucurbit[$\langle i \rangle n \langle i \rangle$]urils for Supramolecular Catalysis. Chemistry - A European Journal, 2020, 26, 15446-15460.	3.3	61

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109	Enzyme-Responsive Polymeric Supra-Amphiphiles Formed by the Complexation of Chitosan and ATP. <i>Langmuir</i> , 2012, 28, 14562-14566.	3.5	60
110	Reactive oxygen species (ROS)-responsive tellurium-containing hyperbranched polymer. <i>Polymer Chemistry</i> , 2015, 6, 2817-2821.	3.9	60
111	Simple Method to Isolate Single Polymer Chains for the Direct Measurement of the Desorption Force. <i>Nano Letters</i> , 2003, 3, 245-248.	9.1	59
112	Force spectroscopy of polymers: Studying on intramolecular and intermolecular interactions in single molecular level. <i>Polymer</i> , 2008, 49, 3353-3361.	3.8	59
113	From Bola-Amphiphiles to Supra-Amphiphiles: The Transformation from Two-Dimensional Nanosheets into One-Dimensional Nanofibers with Tunable Packing Fashion of n-Type Chromophores. <i>Chemistry - A European Journal</i> , 2012, 18, 8622-8628.	3.3	57
114	Self-Assembly of a Functional Oligo(Aniline)-Based Amphiphile into Helical Conductive Nanowires. <i>Journal of the American Chemical Society</i> , 2015, 137, 14288-14294.	13.7	57
115	Closed Mechanoelectrochemical Cycles of Individual Single-Chain Macromolecular Motors by AFM. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8400-8404.	13.8	56
116	Tuning the Energy Gap by Supramolecular Approaches: Towards Near-Infrared Organic Assemblies and Materials. <i>Small</i> , 2016, 12, 24-31.	10.0	56
117	Single-Molecule Force Spectroscopy on Curdlan: Unwinding Helical Structures and Random Coils. <i>Nano Letters</i> , 2003, 3, 1119-1124.	9.1	55
118	Biostructure-like Surfaces with Thermally Responsive Wettability Prepared by Temperature-Induced Phase Separation Micromolding. <i>Langmuir</i> , 2010, 26, 9673-9676.	3.5	55
119	Activatable Photosensitizer for Smart Photodynamic Therapy Triggered by Reactive Oxygen Species in Tumor Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 26982-26990.	8.0	55
120	Combining Hydrogen-Bonding Complexation in Solution and Hydrogen-Bonding-Directed Layer-by-Layer Assembly for the Controlled Loading of a Small Organic Molecule into Multilayer Films. <i>Langmuir</i> , 2007, 23, 11631-11636.	3.5	53
121	Controllable Supramolecular Polymerization through Host-Guest Interaction and Photochemistry. <i>ACS Macro Letters</i> , 2015, 4, 611-615.	4.8	53
122	Polypseudorotaxane Constructed from Cationic Polymer with Cucurbit[7]uril for Controlled Antibacterial Activity. <i>ACS Macro Letters</i> , 2016, 5, 1109-1113.	4.8	53
123	Supramolecular Peptide Therapeutics: Host-Guest Interaction-Assisted Systemic Delivery of Anticancer Peptides. <i>CCS Chemistry</i> , 2020, 2, 739-748.	7.8	53
124	Force Spectroscopy Study on Poly(acrylamide) Derivatives: Effects of Substitutes and Buffers on Single-Chain Elasticity. <i>Nano Letters</i> , 2002, 2, 1169-1172.	9.1	52
125	Acetylcholinesterase Responsive Polymeric Supra-Amphiphiles for Controlled Self-Assembly and Disassembly. <i>Langmuir</i> , 2012, 28, 6032-6036.	3.5	52
126	Unconventional Layer-by-Layer Assembly: Surface Molecular Imprinting and Its Applications. <i>Small</i> , 2012, 8, 517-523.	10.0	52

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127	Water-soluble supramolecular polymers fabricated through specific interactions between cucurbit[8]uril and a tripeptide of Phe-Gly-Gly. <i>Polymer Chemistry</i> , 2013, 4, 5378.	3.9	52
128	Bolaform Superamphiphile Based on a Dynamic Covalent Bond and Its Self-Assembly in Water. <i>Langmuir</i> , 2011, 27, 12375-12380.	3.5	50
129	Reversible Disulfide Cross-Linking in Layer-by-Layer Films: A Preassembly Enhanced Loading and pH/Reductant Dually Controllable Release. <i>Langmuir</i> , 2007, 23, 6377-6384.	3.5	49
130	Pillar[6]arene Containing Multilayer Films: Reversible Uptake and Release of Guest Molecules with Methyl Viologen Moieties. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 3679-3685.	8.0	49
131	Single molecule force spectroscopy on poly(vinyl alcohol) by atomic force microscopy. <i>Macromolecular Rapid Communications</i> , 1998, 19, 609-612.	3.9	48
132	Unexpected Temperature-Dependent Single Chain Mechanics of Poly(<i>N</i> -isopropyl-acrylamide) in Water. <i>Langmuir</i> , 2012, 28, 5151-5157.	3.5	48
133	Rational Adjustment of Multicolor Emissions by Cucurbiturils-Based Host-Guest Chemistry and Photochemistry. <i>Langmuir</i> , 2013, 29, 12909-12914.	3.5	48
134	A New Dynamic Covalent Bond of Se ₂ N: Towards Controlled Self-Assembly and Disassembly. <i>Chemistry - A European Journal</i> , 2013, 19, 9506-9510.	3.3	48
135	Tuning the Surface Activity of Gemini Amphiphile by the Host-Guest Interaction of Cucurbit[7]uril. <i>Langmuir</i> , 2015, 31, 120-124.	3.5	46
136	Supramolecular Radical Anions Triggered by Bacteria In Situ for Selective Photothermal Therapy. <i>Angewandte Chemie</i> , 2017, 129, 16457-16460.	2.0	46
137	Self-Motivated Supramolecular Combination Chemotherapy for Overcoming Drug Resistance Based on Acid-Activated Competition of Host-Guest Interactions. <i>CCS Chemistry</i> , 2021, 3, 1413-1425.	7.8	46
138	Single-Chain Elasticity of Poly(ferrocenyldimethylsilane) and Poly(ferrocenylmethylphenylsilane). <i>Macromolecules</i> , 2004, 37, 1839-1842.	4.8	45
139	Single-Molecule Force Spectroscopy of Selenium-Containing Amphiphilic Block Copolymer: Toward Disassembling the Polymer Micelles. <i>Langmuir</i> , 2012, 28, 9601-9605.	3.5	45
140	Hydrogen-Bonding-Directed Layer-by-Layer Films: A Effect of Electrostatic Interaction on the Microporous Morphology Variation. <i>Langmuir</i> , 2004, 20, 11828-11832.	3.5	44
141	Single-Chain Mechanical Property of Poly(<i>N</i> -vinyl-2-pyrrolidone) and Interaction with Small Molecules. <i>Journal of Physical Chemistry B</i> , 2005, 109, 14807-14812.	2.6	44
142	Block Copolymer Micelles as Matrixes for Incorporating Diselenide Compounds: A Model System for a Water-Soluble Glutathione Peroxidase Mimic Fine-Tuned by Ionic Strength. <i>Langmuir</i> , 2006, 22, 5552-5555.	3.5	44
143	Highly Efficient Supramolecular Catalysis by Endowing the Reaction Intermediate with Adaptive Reactivity. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6077-6081.	13.8	44
144	A Supramolecular Radical Dimer: High Efficiency NIR Photothermal Conversion and Therapy. <i>Angewandte Chemie</i> , 2019, 131, 15672-15677.	2.0	44

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145	Single-Molecule Study on Intermolecular Interaction between C60 and Porphyrin Derivatives: Toward Understanding the Strength of the Multivalency. <i>Langmuir</i> , 2009, 25, 6627-6632.	3.5	43
146	Generation of 2D organic microsheets from protonated melamine derivatives: suppression of the self assembly of a particular dimension by introduction of alkyl chains. <i>Chemical Science</i> , 2012, 3, 3227.	7.4	43
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301	Chemical Sciences: Contributions to Building a Sustainable Society and Sharing of International Responsibilities. <i>ACS Symposium Series</i> , 2014, , 101-139.	0.5	1
302	Alternating deposition multilayer films of dendrimers/poly(4-vinylpyridine) based on hydrogen bonding. <i>Science Bulletin</i> , 2005, 50, 374-376.	1.7	0
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304	Frontispiece: Cucurbit[<i>n</i>]urils for Supramolecular Catalysis. <i>Chemistry - A European Journal</i> , 2020, 26, .	3.3	0