Xi Zhang

List of Publications by Year
in descending order

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304 papers	27,166 citations	6840 81 h-index	8433 152 g-index
324 all docs	324 docs citations	324 times ranked	24700 citing authors

#	Article	IF	Citations
1	Superhydrophobic surfaces: from structural control to functional application. Journal of Materials Chemistry, 2008, 18, 621-633.	6.7	1,560
2	Supramolecular Polymers: Historical Development, Preparation, Characterization, and Functions. Chemical Reviews, 2015, 115, 7196-7239.	23.0	1,065
3	Environment-Friendly Method To Produce Graphene That Employs Vitamin C and Amino Acid. Chemistry of Materials, 2010, 22, 2213-2218.	3.2	712
4	Supramolecular amphiphiles. Chemical Society Reviews, 2011, 40, 94-101.	18.7	652
5	Amphiphilic Building Blocks for Self-Assembly: From Amphiphiles to Supra-amphiphiles. Accounts of Chemical Research, 2012, 45, 608-618.	7.6	652
6	Dual Redox Responsive Assemblies Formed from Diselenide Block Copolymers. Journal of the American Chemical Society, 2010, 132, 442-443.	6.6	643
7	Low-Temperature Synthesis and High Visible-Light-Induced Photocatalytic Activity of BiOI/TiO₂ Heterostructures. Journal of Physical Chemistry C, 2009, 113, 7371-7378.	1.5	633
8	Polyelectrolyte Multilayer as Matrix for Electrochemical Deposition of Gold Clusters:â€‰ Toward Super-Hydrophobic Surface. Journal of the American Chemical Society, 2004, 126, 3064-3065.	6.6	627
9	Layer-by-layer assembly: from conventional to unconventional methods. Chemical Communications, 2007, , 1395-1405.	2.2	519
10	Selenium-Containing Polymers: Promising Biomaterials for Controlled Release and Enzyme Mimics. Accounts of Chemical Research, 2013, 46, 1647-1658.	7.6	489
11	Photocontrolled Reversible Supramolecular Assemblies of an Azobenzene-Containing Surfactant with Î±-Cyclodextrin. Angewandte Chemie - International Edition, 2007, 46, 2823-2826.	7.2	484
12	Supramolecular Chemistry at Interfaces: Hostâ€“Guest Interactions for Fabricating Multifunctional Biointerfaces. Accounts of Chemical Research, 2014, 47, 2106-2115.	7.6	440
13	Tuning the Amphiphilicity of Building Blocks: Controlled Selfâ€Assembly and Disassembly for Functional Supramolecular Materials. Advanced Materials, 2009, 21, 2849-2864.	11.1	423
14	Waterâ€Soluble Supramolecular Polymerization Driven by Multiple Hostâ€Stabilized Chargeâ€Transfer Interactions. Angewandte Chemie - International Edition, 2010, 49, 6576-6579.	7.2	380
15	Supramolecular Antibacterial Materials for Combatting Antibiotic Resistance. Advanced Materials, 2019, 31, e1805092.	11.1	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. Macromolecular Rapid Communications, 1997, 18, 509-514.	2.0	377
17	Precise nanomedicine for intelligent therapy of cancer. Science China Chemistry, 2018, 61, 1503-1552.	4.2	336
18	Characterization of supramolecular polymers. Chemical Society Reviews, 2012, 41, 5922.	18.7	298

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19	Supramolecular Photosensitizers with Enhanced Antibacterial Efficiency. Angewandte Chemie - International Edition, 2013, 52, 8285-8289.	7.2	294
20	25th Anniversary Article: Reversible and Adaptive Functional Supramolecular Materials: â€œNoncovalent Interactionâ€•Matters. Advanced Materials, 2013, 25, 5530-5548.	11.1	275
21	Single molecule mechanochemistry of macromolecules. Progress in Polymer Science, 2003, 28, 1271-1295.	11.8	254
22	Supramolecular Radical Anions Triggered by Bacteria Inâ€…Situ for Selective Photothermal Therapy. Angewandte Chemie - International Edition, 2017, 56, 16239-16242.	7.2	235
23	Supramolecular Polymerization Promoted and Controlled through Selfâ€Sorting. Angewandte Chemie - International Edition, 2014, 53, 5351-5355.	7.2	200
24	Controlled Selfâ€Assembly Manipulated by Chargeâ€Transfer Interactions: From Tubes to Vesicles. Angewandte Chemie - International Edition, 2008, 47, 9049-9052.	7.2	198
25	Photocontrolled Self-Assembly and Disassembly of Block Ionomer Complex Vesicles: A Facile Approach toward Supramolecular Polymer Nanocontainers. Langmuir, 2010, 26, 709-715.	1.6	196
26	An Enzymeâ€Responsive Polymeric Superamphiphile. Angewandte Chemie - International Edition, 2010, 49, 8612-8615.	7.2	195
27	Antimicrobial cationic polymers: from structural design to functional control. Polymer Journal, 2018, 50, 33-44.	1.3	187
28	Cucurbit[8]urilâ€Based Supramolecular Polymers. Chemistry - an Asian Journal, 2013, 8, 1626-1632.	1.7	185
29	Selenium-containing block copolymers and their oxidation-responsive aggregates. Polymer Chemistry, 2010, 1, 1609.	1.9	181
30	Self-Assembled Monolayers of Dendron Thiols for Electrodeposition of Gold Nanostructures:â€‰ Toward Fabrication of Superhydrophobic/Superhydrophilic Surfaces and pH-Responsive Surfaces. Langmuir, 2005, 21, 1986-1990.	1.6	178
31	Supramolecular free radicals: near-infrared organic materials with enhanced photothermal conversion. Chemical Science, 2015, 6, 3975-3980.	3.7	174
32	Tough and Multiâ€Recyclable Crossâ€Linked Supramolecular Polyureas via Incorporating Noncovalent Bonds into Mainâ€Chains. Advanced Materials, 2020, 32, e2000096.	11.1	174
33	Tuning surface wettability through photocontrolled reversible molecular shuttle. Chemical Communications, 2008, , 5710.	2.2	172
34	Highly Efficient Dendrimer-Based Mimic of Glutathione Peroxidase. Journal of the American Chemical Society, 2004, 126, 10556-10557.	6.6	169
35	A Supramolecular Radical Dimer: Highâ€Efficiency NIRâ€II Photothermal Conversion and Therapy. Angewandte Chemie - International Edition, 2019, 58, 15526-15531.	7.2	168
36	Supramolecular Amphiphiles Based on a Waterâ€Soluble Chargeâ€Transfer Complex: Fabrication of Ultralong Nanofibers with Tunable Straightness. Angewandte Chemie - International Edition, 2009, 48, 8962-8965.	7.2	164

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37	Surface Gradient Material:Â From Superhydrophobicity to Superhydrophilicity. Langmuir, 2006, 22, 4483-4486.	1.6	154
38	Radiation-Sensitive Diselenide Block Co-polymer Micellar Aggregates: Toward the Combination of Radiotherapy and Chemotherapy. Langmuir, 2011, 27, 5874-5878.	1.6	152
39	Hydrogen Bonding Governs the Elastic Properties of Poly(vinyl alcohol) in Water:Â Single-Molecule Force Spectroscopic Studies of PVA by AFM. Macromolecules, 2000, 33, 465-469.	2.2	151
40	Self-Assembled Ultrathin Films: From Layered Nanoarchitectures to Functional Assemblies. Advanced Materials, 1999, 11, 1139-1143.	11.1	148
41	Supramolecular Chemotherapy: Cooperative Enhancement of Antitumor Activity by Combining Controlled Release of Oxaliplatin and Consuming of Spermine by Cucurbit[7]uril. ACS Applied Materials & Interfaces, 2017, 9, 8602-8608.	4.0	148
42	Hydrogen-Bonding-Directed Layer-by-Layer Multilayer Assembly:â€‰ Reconformation Yielding Microporous Films. Macromolecules, 2002, 35, 9451-9458.	2.2	141
43	A pHâ€Responsive Superamphiphile Based on Dynamic Covalent Bonds. Chemistry - A European Journal, 2011, 17, 3322-3325.	1.7	140
44	Superamphiphiles Based on Directional Chargeâ€Transfer Interactions: From Supramolecular Engineering to Wellâ€Defined Nanostructures. Angewandte Chemie - International Edition, 2011, 50, 4952-4956.	7.2	138
45	Supramolecular Hydrogels Fabricated from Supramonomers: A Novel Wound Dressing Material. ACS Applied Materials & Interfaces, 2017, 9, 11368-11372.	4.0	135
46	Supramolecular polymer chemistry: From structural control to functional assembly. Progress in Polymer Science, 2020, 100, 101167.	11.8	135
47	Oxidation-Responsive Micelles Based on a Selenium-Containing Polymeric Superamphiphile. Langmuir, 2010, 26, 14414-14418.	1.6	133
48	Side-chain selenium-containing amphiphilic block copolymers: redox-controlled self-assembly and disassembly. Soft Matter, 2012, 8, 1460-1466.	1.2	132
49	Single-molecule force spectroscopy on polysaccharides by AFM â€“ nanomechanical fingerprint of Î±-(1,4)-linked polysaccharides. Chemical Physics Letters, 1999, 305, 197-201.	1.2	131
50	Supramolecular Porphyrin Photosensitizers: Controllable Disguise and Photoinduced Activation of Antibacterial Behavior. ACS Applied Materials & Interfaces, 2017, 9, 13950-13957.	4.0	129
51	Covalently Attached Multilayer Assemblies by Sequential Adsorption of Polycationic Diazo-Resins and Polyanionic Poly(acrylic acid). Langmuir, 2000, 16, 4620-4624.	1.6	128
52	Tuning the stability of organic radicals: from covalent approaches to non-covalent approaches. Chemical Science, 2020, 11, 1192-1204.	3.7	125
53	Direct Measurements of the Interaction between Pyrene and Graphite in Aqueous Media by Single Molecule Force Spectroscopy:â€‰ Understanding the Ï€âˆ'Ï€ Interactions. Langmuir, 2007, 23, 7911-7915.	1.6	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. Journal of the American Chemical Society, 2011, 133, 3226-3229.	6.6	122

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55	In Situ Hypoxia-Induced Supramolecular Perylene Diimide Radical Anions in Tumors for Photothermal Therapy with Improved Specificity. Journal of the American Chemical Society, 2022, 144, 2360-2367.	6.6	122
56	Investigation into an Alternating Multilayer Film of Poly(4-Vinylpyridine) and Poly(acrylic acid) Based on Hydrogen Bonding. Langmuir, 1999, 15, 1360-1363.	1.6	121
57	Cucurbit[8]uril-based supramolecular polymers: promoting supramolecular polymerization by metal-coordination. Chemical Communications, 2013, 49, 5766.	2.2	116
58	Single Polymer Chain Elongation of Poly(N-isopropylacrylamide) and Poly(acrylamide) by Atomic Force Microscopy. Journal of Physical Chemistry B, 2000, 104, 10258-10264.	1.2	112
59	Hostâ€Enhanced Ï€â€“Ï€ Interaction for Waterâ€Soluble Supramolecular Polymerization. Chemistry - A European Journal, 2011, 17, 9930-9935.	1.7	111
60	Photoresponsive Supramolecular Amphiphiles for Controlled Selfâ€Assembly of Nanofibers and Vesicles. Advanced Materials, 2010, 22, 2553-2555.	11.1	109
61	Supra-Amphiphiles: A New Bridge Between Colloidal Science and Supramolecular Chemistry. Langmuir, 2014, 30, 5989-6001.	1.6	109
62	Water-soluble supramolecular hyperbranched polymers based on host-enhanced Ï€â€“Ï€ interaction. Polymer Chemistry, 2013, 4, 900.	1.9	108
63	Supramolecular Interfacial Polymerization: A Controllable Method of Fabricating Supramolecular Polymeric Materials. Angewandte Chemie - International Edition, 2017, 56, 7639-7643.	7.2	108
64	A new kind of immobilized enzyme multilayer based on cationic and anionic interaction. Macromolecular Rapid Communications, 1994, 15, 405-409.	2.0	107
65	Azobenzene-Containing Supramolecular Side-Chain Polymer Films for Laser-Induced Surface Relief Gratings. Chemistry of Materials, 2007, 19, 3877-3881.	3.2	105
66	The Introduction of Ï€-Ï€ Stacking Moieties for Fabricating Stable Micellar Structure: Formation and Dynamics of Disklike Micelles. Angewandte Chemie - International Edition, 2005, 44, 4731-4735.	7.2	103
67	A supramolecular strategy for tuning the energy level of naphthalenediimide: Promoted formation of radical anions with extraordinary stability. Chemical Science, 2015, 6, 3342-3346.	3.7	102
68	Single-Molecule Force Spectroscopy on Poly(acrylic acid) by AFM. Langmuir, 1999, 15, 2120-2124.	1.6	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. Macromolecular Chemistry and Physics, 1996, 197, 147-153.	1.1	97
70	Roselike Microstructures Formed by Direct In Situ Hydrothermal Synthesis:â€‰ From Superhydrophilicity to Superhydrophobicity. Chemistry of Materials, 2005, 17, 6177-6180.	3.2	97
71	A Selfâ€Degradable Supramolecular Photosensitizer with High Photodynamic Therapeutic Efficiency and Improved Safety. Angewandte Chemie - International Edition, 2021, 60, 706-710.	7.2	97
72	A New Approach to the Fabrication of a Self-Organizing Film of Heterostructured Polymer/Cu2S Nanoparticles. Advanced Materials, 1998, 10, 529-532.	11.1	96

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73	Azobenzene-Containing Supramolecular Polymer Films for Laser-Induced Surface Relief Gratings. Chemistry of Materials, 2007, 19, 14-17.	3.2	93
74	Highly Transparent, Underwater Self-Healing, and Ionic Conductive Elastomer Based on Multivalent Ionâ€“Dipole Interactions. Chemistry of Materials, 2020, 32, 6310-6317.	3.2	93
75	Dissipative Supramolecular Polymerization Powered by Light. CCS Chemistry, 2019, 1, 335-342.	4.6	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.	2.2	90
78	Molecular engineering of polymeric supra-amphiphiles. Chemical Society Reviews, 2019, 48, 989-1003.	18.7	90
79	Supramolecular Self-Assembly Induced Adjustable Multiple Gating States of Nanofluidic Diodes. Journal of the American Chemical Society, 2016, 138, 16372-16379.	6.6	82
80	Selfâ€Assembled Monolayers of a Malachite Green Derivative: Surfaces with pHâ€•and UVâ€Responsive Wetting Properties. Advanced Materials, 2008, 20, 1972-1977.	11.1	80
81	A supramolecular approach to fabricate highly emissive smart materials. Scientific Reports, 2013, 3, 2372.	1.6	80
82	Supramolecular Chemistry of Cucurbiturils: Tuning Cooperativity with Multiple Noncovalent Interactions from Positive to Negative. Langmuir, 2016, 32, 12352-12360.	1.6	80
83	Supramolecularly Catalyzed Polymerization: From Consecutive Dimerization to Polymerization. Angewandte Chemie - International Edition, 2018, 57, 8545-8549.	7.2	80
84	Cytotoxicity Regulated by Hostâ€“Guest Interactions: A Supramolecular Strategy to Realize Controlled Disguise and Exposure. ACS Applied Materials & Interfaces, 2016, 8, 22780-22784.	4.0	79
85	Reversible Self-Organization of a UV-Responsive PEG-Terminated Malachite Green Derivative:Â Vesicle Formation and Photoinduced Disassembly. Langmuir, 2007, 23, 4029-4034.	1.6	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.	4.0	78
87	Enzyme-responsive polymer assemblies constructed through covalent synthesis and supramolecular strategy. Chemical Communications, 2015, 51, 996-1003.	2.2	76
88	The fabrication of a supra-amphiphile for dissipative self-assembly. Chemical Science, 2016, 7, 1151-1155.	3.7	76
89	Supramolecular catalyst functions in catalytic amount: cucurbit[8]uril accelerates the photodimerization of Brookerâ€™s merocyanine. Chemical Science, 2017, 8, 8357-8361.	3.7	76
90	Supramolecular polymer fabricated by click polymerization from supramonomer. Polymer Chemistry, 2014, 5, 323-326.	1.9	74

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91	Supramolecular polymeric chemotherapy based on cucurbit[7]uril-PEG copolymer. Biomaterials, 2018, 178, 697-705.	5.7	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.	1.7	72
93	Hyperbranched polyselenides as glutathione peroxidase mimics. Chemical Communications, 2006, , 796.	2.2	71
94	Porphyrin-containing hyperbranched supramolecular polymers: enhancing ¹O₂-generation efficiency by supramolecular polymerization. Polymer Chemistry, 2014, 5, 53-56.	1.9	70
95	A Supramolecularly Activated Radical Cation for Accelerated Catalytic Oxidation. Angewandte Chemie - International Edition, 2016, 55, 8933-8937.	7.2	69
96	Self-Assembly of Supra-amphiphiles Based on Dual Charge-Transfer Interactions: From Nanosheets to Nanofibers. Langmuir, 2012, 28, 10697-10702.	1.6	68
97	Single Molecule Force Spectroscopy on Polyelectrolytes:Â Effect of Spacer on Adhesion Force and Linear Charge Density on Rigidity. Macromolecules, 2004, 37, 946-953.	2.2	67
98	Fabrication of Reactivated Biointerface for Dualâ€Controlled Reversible Immobilization of Cytochrome c. Advanced Materials, 2009, 21, 4362-4365.	11.1	64
99	Fabricating covalently attached hyperbranched polymers by combining photochemistry with supramolecular polymerization. Polymer Chemistry, 2014, 5, 1471-1476.	1.9	64
100	Supraâ€Amphiphiles for Functional Assemblies. Advanced Functional Materials, 2016, 26, 8920-8931.	7.8	64
101	Supramolecular Polymerization Controlled through Kinetic Trapping. Angewandte Chemie - International Edition, 2017, 56, 16575-16578.	7.2	64
102	A Bacteriaâ€Responsive Porphyrin for Adaptable Photodynamic/Photothermal Therapy. Angewandte Chemie - International Edition, 2022, 61, .	7.2	64
103	Surface-Imprinted Nanostructured Layer-by-Layer Film for Molecular Recognition of Theophylline Derivatives. Langmuir, 2008, 24, 11988-11994.	1.6	63
104	Superamphiphiles as Building Blocks for Supramolecular Engineering: Towards Functional Materials and Surfaces. Small, 2011, 7, 1379-1383.	5.2	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.	1.6	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.	4.0	61
108	Cucurbit[n]urils for Supramolecular Catalysis. Chemistry - A European Journal, 2020, 26, 15446-15460.	1.7	61

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109	Enzyme-Responsive Polymeric Supra-Amphiphiles Formed by the Complexation of Chitosan and ATP. Langmuir, 2012, 28, 14562-14566.	1.6	60
110	Reactive oxygen species (ROS)-responsive tellurium-containing hyperbranched polymer. Polymer Chemistry, 2015, 6, 2817-2821.	1.9	60
111	Simple Method to Isolate Single Polymer Chains for the Direct Measurement of the Desorption Force. Nano Letters, 2003, 3, 245-248.	4.5	59
112	Force spectroscopy of polymers: Studying on intramolecular and intermolecular interactions in single molecular level. Polymer, 2008, 49, 3353-3361.	1.8	59
113	From Bolaâ€amphiphiles to Supraâ€amphiphiles: The Transformation from Twoâ€Dimensional Nanosheets into Oneâ€Dimensional Nanofibers with Tunableâ€Packing Fashion of nâ€Type Chromophores. Chemistry - A European Journal, 2012, 18, 8622-8628.	1.7	57
114	Self-Assembly of a Functional Oligo(Aniline)-Based Amphiphile into Helical Conductive Nanowires. Journal of the American Chemical Society, 2015, 137, 14288-14294.	6.6	57
115	Closed Mechanoelectrochemical Cycles of Individual Singleâ€Chain Macromolecular Motors by AFM. Angewandte Chemie - International Edition, 2007, 46, 8400-8404.	7.2	56
116	Tuning the Energy Gap by Supramolecular Approaches: Towards Nearâ€Infrared Organic Assemblies and Materials. Small, 2016, 12, 24-31.	5.2	56
117	Single-Molecule Force Spectroscopy on Curdlan:â€‰ Unwinding Helical Structures and Random Coils. Nano Letters, 2003, 3, 1119-1124.	4.5	55
118	Biostructure-like Surfaces with Thermally Responsive Wettability Prepared by Temperature-Induced Phase Separation Micromolding. Langmuir, 2010, 26, 9673-9676.	1.6	55
119	Activatable Photosensitizer for Smart Photodynamic Therapy Triggered by Reactive Oxygen Species in Tumor Cells. ACS Applied Materials & Interfaces, 2020, 12, 26982-26990.	4.0	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. Langmuir, 2007, 23, 11631-11636.	1.6	53
121	Controllable Supramolecular Polymerization through Hostâ€“Guest Interaction and Photochemistry. ACS Macro Letters, 2015, 4, 611-615.	2.3	53
122	Polypseudorotaxane Constructed from Cationic Polymer with Cucurbit[7]uril for Controlled Antibacterial Activity. ACS Macro Letters, 2016, 5, 1109-1113.	2.3	53
123	Supramolecular Peptide Therapeutics: Hostâ€“Guest Interaction-Assisted Systemic Delivery of Anticancer Peptides. CCS Chemistry, 2020, 2, 739-748.	4.6	53
124	Force Spectroscopy Study on Poly(acrylamide) Derivatives:â€‰ Effects of Substitutes and Buffers on Single-Chain Elasticity. Nano Letters, 2002, 2, 1169-1172.	4.5	52
125	Acetylcholinesterase Responsive Polymeric Supra-Amphiphiles for Controlled Self-Assembly and Disassembly. Langmuir, 2012, 28, 6032-6036.	1.6	52
126	Unconventional Layerâ€byâ€Layer Assembly: Surface Molecular Imprinting and Its Applications. Small, 2012, 8, 517-523.	5.2	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. Polymer Chemistry, 2013, 4, 5378.	1.9	52
128	Bolaform Superamphiphile Based on a Dynamic Covalent Bond and Its Self-Assembly in Water. Langmuir, 2011, 27, 12375-12380.	1.6	50
129	Reversible Disulfide Cross-Linking in Layer-by-Layer Films:Â Preassembly Enhanced Loading and pH/Reductant Dually Controllable Release. Langmuir, 2007, 23, 6377-6384.	1.6	49
130	Pillar[6]arene Containing Multilayer Films: Reversible Uptake and Release of Guest Molecules with Methyl Viologen Moieties. ACS Applied Materials & Interfaces, 2016, 8, 3679-3685.	4.0	49
131	Single molecule force spectroscopy on poly(vinyl alcohol) by atomic force microscopy. Macromolecular Rapid Communications, 1998, 19, 609-612.	2.0	48
132	Unexpected Temperature-Dependent Single Chain Mechanics of Poly(N-isopropyl-acrylamide) in Water. Langmuir, 2012, 28, 5151-5157.	1.6	48
133	Rational Adjustment of Multicolor Emissions by Cucurbiturils-Based Hostâ€“Guest Chemistry and Photochemistry. Langmuir, 2013, 29, 12909-12914.	1.6	48
134	A New Dynamic Covalent Bond of Seï£¿N: Towards Controlled Selfâ€Assembly and Disassembly. Chemistry - A European Journal, 2013, 19, 9506-9510.	1.7	48
135	Tuning the Surface Activity of Gemini Amphiphile by the Hostâ€“Guest Interaction of Cucurbit[7]uril. Langmuir, 2015, 31, 120-124.	1.6	46
136	Supramolecular Radical Anions Triggered by Bacteria Inâ€…Situ for Selective Photothermal Therapy. Angewandte Chemie, 2017, 129, 16457-16460.	1.6	46
137	Self-Motivated Supramolecular Combination Chemotherapy for Overcoming Drug Resistance Based on Acid-Activated Competition of Hostâ€“Guest Interactions. CCS Chemistry, 2021, 3, 1413-1425.	4.6	46
138	Single-Chain Elasticity of Poly(ferrocenyldimethylsilane) and Poly(ferrocenylmethylphenylsilane). Macromolecules, 2004, 37, 1839-1842.	2.2	45
139	Single-Molecule Force Spectroscopy of Selenium-Containing Amphiphilic Block Copolymer: Toward Disassembling the Polymer Micelles. Langmuir, 2012, 28, 9601-9605.	1.6	45
140	Hydrogen-Bonding-Directed Layer-by-Layer Films:Â Effect of Electrostatic Interaction on the Microporous Morphology Variation. Langmuir, 2004, 20, 11828-11832.	1.6	44
141	Single-Chain Mechanical Property of Poly(N-vinyl-2-pyrrolidone) and Interaction with Small Molecules. Journal of Physical Chemistry B, 2005, 109, 14807-14812.	1.2	44
142	Block Copolymer Micelles as Matrixes for Incorporating Diselenide Compounds:Â A Model System for a Water-Soluble Glutathione Peroxidase Mimic Fine-Tuned by Ionic Strength. Langmuir, 2006, 22, 5552-5555.	1.6	44
143	Highly Efficient Supramolecular Catalysis by Endowing the Reaction Intermediate with Adaptive Reactivity. Angewandte Chemie - International Edition, 2018, 57, 6077-6081.	7.2	44
144	A Supramolecular Radical Dimer: Highâ€Efficiency NIRâ€II Photothermal Conversion and Therapy. Angewandte Chemie, 2019, 131, 15672-15677.	1.6	44

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145	Single-Molecule Study on Intermolecular Interaction between C60and Porphyrin Derivatives: Toward Understanding the Strength of the Multivalency. Langmuir, 2009, 25, 6627-6632.	1.6	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. Chemical Science, 2012, 3, 3227.	3.7	43
147	Fabrication of well-defined crystalline azacalixarene nanosheets assisted by Seâ¯N non-covalent interactions. Chemical Communications, 2012, 48, 7495.	2.2	43
148	Molecular Dynamics Simulations of the Supramolecular Assembly between an Azobenzene-Containing Surfactant and Î±-Cyclodextrin: Role of Photoisomerization. Journal of Physical Chemistry B, 2012, 116, 823-832.	1.2	43
149	Tuning Polymeric Amphiphilicity via Seâ€“N Interactions: Towards Oneâ€Step Double Emulsion for Highly Selective Enzyme Mimics. Small, 2015, 11, 1537-1541.	5.2	43
150	Visibleâ€Lightâ€Induced Disruption of Diselenideâ€Containing Layerâ€byâ€Layer Films: Toward Combination of Chemotherapy and Photodynamic Therapy. Small, 2013, 9, 3981-3986.	5.2	42
151	Superamphiphiles Based on Charge Transfer Complex: Controllable Hierarchical Self-Assembly of Nanoribbons. Langmuir, 2010, 26, 14509-14511.	1.6	41
152	Surface Molecular Imprinting in Layer-by-Layer films on Silica Particles. Langmuir, 2012, 28, 4267-4273.	1.6	41
153	Supramolecular Polymerization from Controllable Fabrication to Living Polymerization. Macromolecular Rapid Communications, 2017, 38, 1700312.	2.0	41
154	A monolayer of PbI2nanoparticles adsorbed on MDâ€“LB film. Journal of the Chemical Society Chemical Communications, 1994, , 2229-2230.	2.0	40
155	pH and enzymatic double-stimuli responsive multi-compartment micelles from supra-amphiphilic polymers. Polymer Chemistry, 2012, 3, 3056.	1.9	40
156	UV-Responsive Polymeric Superamphiphile Based on a Complex of Malachite Green Derivative and a Double Hydrophilic Block Copolymer. Langmuir, 2011, 27, 14108-14111.	1.6	39
157	Visible-Light Photoinduced Electron Transfer Promoted by Cucurbit[8]uril-Enhanced Charge Transfer Interaction: Toward Improved Activity of Photocatalysis. ACS Applied Materials & Interfaces, 2017, 9, 22635-22640.	4.0	39
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