Shengda Liu

List of Publications by Year
in descending order

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148 papers	5,574 citations	101543 36 h-index	95266 68 g-index
153 all docs	153 docs citations	153 times ranked	6135 citing authors

#	Article	IF	Citations
1	Protein Assembly: Versatile Approaches to Construct Highly Ordered Nanostructures. Chemical Reviews, 2016, 116, 13571-13632.	47.7	452
2	Bio-inspired reversible underwater adhesive. Nature Communications, 2017, 8, 2218.	12.8	353
3	Artificial enzymes based on supramolecular scaffolds. Chemical Society Reviews, 2012, 41, 7890.	38.1	345
4	Protein self-assembly via supramolecular strategies. Chemical Society Reviews, 2016, 45, 2756-2767.	38.1	254
5	Self-Assembled Peptide Nanofibers Designed as Biological Enzymes for Catalyzing Ester Hydrolysis. ACS Nano, 2014, 8, 11715-11723.	14.6	190
6	Highly Efficient Dendrimer-Based Mimic of Glutathione Peroxidase. Journal of the American Chemical Society, 2004, 126, 10556-10557.	13.7	169
7	Artificial selenoenzymes: Designed and redesigned. Chemical Society Reviews, 2011, 40, 1171-1184.	38.1	167
8	Construction of Protein Nanowires through Cucurbit[8]urilâ€based Highly Specific Hostâ€“Guest Interactions: An Approach to the Assembly of Functional Proteins. Angewandte Chemie - International Edition, 2013, 52, 5590-5593.	13.8	145
9	Highly Ordered Protein Nanorings Designed by Accurate Control of Glutathione S-Transferase Self-Assembly. Journal of the American Chemical Society, 2013, 135, 10966-10969.	13.7	132
10	Nanostructures based on protein self-assembly: From hierarchical construction to bioinspired materials. Nano Today, 2017, 14, 16-41.	11.9	128
11	Self-Assembly of Cricoid Proteins Induced by â€œSoft Nanoparticlesâ€: An Approach To Design Multienzyme-Cooperative Antioxidative Systems. ACS Nano, 2015, 9, 5461-5469.	14.6	98
12	Construction of GPx Active Centers on Natural Protein Nanodisk/Nanotube: A New Way to Develop Artificial Nanoenzyme. ACS Nano, 2012, 6, 8692-8701.	14.6	92
13	Efficient photoactivation of peroxymonosulfate by Z-scheme nitrogen-defect-rich NiCo2O4/g-C3N4 for rapid emerging pollutants degradation. Journal of Hazardous Materials, 2021, 414, 125528.	12.4	87
14	Quantum-Dot-Induced Self-Assembly of Cricoid Protein for Light Harvesting. ACS Nano, 2014, 8, 3743-3751.	14.6	83
15	Biomimetic Transmembrane Channels with High Stability and Transporting Efficiency from Helically Folded Macromolecules. Angewandte Chemie - International Edition, 2016, 55, 9723-9727.	13.8	78
16	Cucurbit[8]uril-Based Giant Supramolecular Vesicles: Highly Stable, Versatile Carriers for Photoresponsive and Targeted Drug Delivery. ACS Applied Materials & Interfaces, 2018, 10, 4603-4613.	8.0	75
17	Enzyme-Triggered Defined Protein Nanoarrays: Efficient Light-Harvesting Systems to Mimic Chloroplasts. ACS Nano, 2017, 11, 938-945.	14.6	71
18	Silver mineralization on self-assembled peptide nanofibers for long term antimicrobial effect. Journal of Materials Chemistry, 2012, 22, 2575-2581.	6.7	70

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19	Micelle-Induced Self-Assembling Protein Nanowires: Versatile Supramolecular Scaffolds for Designing the Light-Harvesting System. ACS Nano, 2016, 10, 421-428.	14.6	68
20	Highly Selective Artificial Potassium Ion Channels Constructed from Poreâ€Containing Helical Oligomers. Angewandte Chemie - International Edition, 2017, 56, 12668-12671.	13.8	68
21	Optically controlled reversible protein hydrogels based on photoswitchable fluorescent protein Dronpa. Chemical Communications, 2017, 53, 13375-13378.	4.1	62
22	Smart microgel catalyst with modulatory glutathione peroxidase activity. Soft Matter, 2009, 5, 1905.	2.7	61
23	Self-assembly of glutathione S-transferase into nanowires. Nanoscale, 2012, 4, 5847.	5.6	57
24	Enzyme-Regulated Fast Self-Healing of a Pillararene-Based Hydrogel. Biomacromolecules, 2017, 18, 1885-1892.	5.4	53
25	Laterally functionalized pillar[5]arene: a new building block for covalent self-assembly. Chemical Communications, 2017, 53, 9024-9027.	4.1	52
26	Healable Antifouling Films Composed of Partially Hydrolyzed Poly(2-ethyl-2-oxazoline) and Poly(acrylic acid). ACS Applied Materials & Interfaces, 2017, 9, 14429-14436.	8.0	51
27	Design of artificial enzymes by supramolecular strategies. Current Opinion in Structural Biology, 2018, 51, 19-27.	5.7	49
28	Graphene oxide-based colorimetric detection of organophosphorus pesticides via a multi-enzyme cascade reaction. Nanoscale, 2020, 12, 5829-5833.	5.6	49
29	Reductive-Responsive, Single-Molecular-Layer Polymer Nanocapsules Prepared by Lateral-Functionalized Pillar[5]arenes for Targeting Anticancer Drug Delivery. ACS Applied Materials & Interfaces, 2018, 10, 14281-14286.	8.0	47
30	Injectable and fast self-healing protein hydrogels. Soft Matter, 2019, 15, 7583-7589.	2.7	47
31	A novel dicyclodextrinyl ditelluride compound with antioxidant activity. FEBS Letters, 2001, 507, 377-380.	2.8	46
32	Construction of protein assemblies by hostâ€“guest interactions with cucurbiturils. Organic and Biomolecular Chemistry, 2017, 15, 4272-4281.	2.8	43
33	A modulatory bifunctional artificial enzyme with both SOD and GPx activities based on a smart star-shaped pseudo-block copolymer. Soft Matter, 2010, 6, 5342.	2.7	42
34	Temperature-Driven Switching of the Catalytic Activity of Artificial Glutathione Peroxidase by the Shape Transition between the Nanotubes and Vesicle-like Structures. Langmuir, 2014, 30, 4013-4018.	3.5	41
35	Dual stimuli-responsive supramolecular pseudo-polyrotaxane hydrogels. Soft Matter, 2013, 9, 4635.	2.7	40
36	A Novel Selenocystine-Î²-Cyclodextrin Conjugate That Acts as a Glutathione Peroxidase Mimic. Bioconjugate Chemistry, 2000, 11, 682-687.	3.6	39

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37	Template-Free Construction of Highly Ordered Monolayered Fluorescent Protein Nanosheets: A Bioinspired Artificial Light-Harvesting System. ACS Nano, 2019, 13, 1861-1869.	14.6	37
38	An ion signal responsive dynamic protein nano-spring constructed by high ordered hostâ€“guest recognition. Chemical Communications, 2016, 52, 2924-2927.	4.1	34
39	The construction of functional protein nanotubes by small molecule-induced self-assembly of cricoid proteins. Chemical Communications, 2016, 52, 4092-4095.	4.1	33
40	Highly Selective Artificial Potassium Ion Channels Constructed from Poreâ€Containing Helical Oligomers. Angewandte Chemie, 2017, 129, 12842-12845.	2.0	33
41	Semithiobambus[6]uril is a transmembrane anion transporter. Chemical Communications, 2017, 53, 7557-7560.	4.1	32
42	Interfacial Assembly of Signal Amplified Multienzymes and Biorecognized Antibody into Proteinosome for an Ultrasensitive Immunoassay. Small, 2019, 15, e1900350.	10.0	32
43	Constructing antibacterial polymer nanocapsules based on pyridine quaternary ammonium salt. Materials Science and Engineering C, 2020, 108, 110383.	7.3	31
44	Rational Design and Biological Application of Antioxidant Nanozymes. Frontiers in Chemistry, 2020, 8, 831.	3.6	31
45	Tellurium-Based Polymeric Surfactants as a Novel Seleno-Enzyme Model with High Activity. Macromolecular Rapid Communications, 2006, 27, 2101-2106.	3.9	30
46	Design of Cyclodextrin-Based Functional Systems for Biomedical Applications. Frontiers in Chemistry, 2021, 9, 635507.	3.6	30
47	A highly controllable protein self-assembly system with morphological versatility induced by reengineered hostâ€“guest interactions. Nanoscale, 2017, 9, 7991-7997.	5.6	29
48	An ultrathin iron-porphyrin based nanocapsule with high peroxidase-like activity for highly sensitive glucose detection. Nanoscale, 2018, 10, 22155-22160.	5.6	28
49	Light-triggered reversible disassembly of stimuli-responsive coordination metallosupramolecular Pd₂L₄ cages mediated by azobenzene-containing ligands. Materials Chemistry Frontiers, 2019, 3, 1238-1243.	5.9	28
50	Hierarchical Self-Assembly of Proteins Through Rationally Designed Supramolecular Interfaces. Frontiers in Bioengineering and Biotechnology, 2020, 8, 295.	4.1	28
51	Reversible pH-controlled switching of an artificial antioxidant selenoenzyme based on pseudorotaxane formation and dissociation. Chemical Communications, 2015, 51, 9987-9990.	4.1	27
52	Targeted nano-delivery strategies for facilitating thrombolysis treatment in ischemic stroke. Drug Delivery, 2021, 28, 357-371.	5.7	27
53	Bioinspired hierarchically hairy particles for robust superhydrophobic coatings via a droplet dynamic template method. Polymer Chemistry, 2019, 10, 331-335.	3.9	26
54	Construction of a smart temperature-responsive GPx mimic based on the self-assembly of supra-amphiphiles. Soft Matter, 2016, 12, 1192-1199.	2.7	24

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55	Construction of a smart glutathione peroxidase mimic with temperature responsive activity based on block copolymer. Soft Matter, 2011, 7, 2521.	2.7	23
56	A supramolecular microgel glutathione peroxidase mimic with temperature responsive activity. Soft Matter, 2014, 10, 3374.	2.7	23
57	Nanozymes as efficient tools for catalytic therapeutics. View, 2022, 3, 20200147.	5.3	23
58	â€œOn/Offâ€•Switchable Sequential Light-Harvesting Systems Based on Controllable Protein Nanosheets for Regulation of Photocatalysis. ACS Nano, 2022, 16, 8012-8021.	14.6	23
59	Recent development in the design of artificial enzymes through molecular imprinting technology. Journal of Materials Chemistry B, 2022, 10, 6590-6606.	5.8	23
60	Construction of a Hyperbranched Supramolecular Polymer as a Bifunctional Antioxidative Enzyme Model. Macromolecular Bioscience, 2011, 11, 821-827.	4.1	22
61	Photocontrolled reversible morphology conversion of protein nanowires mediated by an azobenzene-cored dendrimer. Chemical Communications, 2016, 52, 6001-6004.	4.1	22
62	Cucurbituril As A Versatile Tool to Tune the Functions of Proteins. Israel Journal of Chemistry, 2018, 58, 286-295.	2.3	22
63	Diselenium-containing ultrathin polymer nanocapsules for highly efficient targeted drug delivery and combined anticancer effect. Journal of Materials Chemistry B, 2019, 7, 4927-4932.	5.8	22
64	Cascade catalytic nanoplatform constructed by laterally-functionalized pillar[5]arenes for antibacterial chemodynamic therapy. Journal of Materials Chemistry B, 2021, 9, 5069-5075.	5.8	22
65	Dynamic protein self-assembly driven by hostâ€“guest chemistry and the foldingâ€“unfolding feature of a mutually exclusive protein. Chemical Communications, 2017, 53, 10532-10535.	4.1	22
66	Unimolecular Helix-Based Transmembrane Nanochannel with a Smallest Luminal Cavity of 1 Ã... Expressing High Proton Selectivity and Transport Activity. Nano Letters, 2021, 21, 10462-10468.	9.1	22
67	Biomimetic Transmembrane Channels with High Stability and Transporting Efficiency from Helically Folded Macromolecules. Angewandte Chemie, 2016, 128, 9875-9879.	2.0	20
68	Construction of supramolecular polymer by enzyme-triggered covalent condensation of CB[8]-FGG-based supramonomer. Chemical Communications, 2016, 52, 2083-2086.	4.1	20
69	Covalent organic hollow nanospheres constructed by using AIE-active units for nitrophenol explosives detection. Science China Chemistry, 2020, 63, 497-503.	8.2	20
70	Design of Aromatic Helical Polymers for STM Visualization: Imaging of Single and Double Helices with a Pattern of Ï€â€“Ï€ Stacking. Angewandte Chemie, 2015, 127, 3140-3144.	2.0	19
71	Construction of ATP-Switched Allosteric Antioxidant Selenoenzyme. ACS Catalysis, 2017, 7, 1875-1879.	11.2	19
72	Reversible Ligandâ€Gated Ion Channel via Interconversion between Hollow Single Helix and Intertwined Double Helix. Angewandte Chemie - International Edition, 2020, 59, 13602-13607.	13.8	19

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73	A Switchable Helical Capsule for Encapsulation and Release of Potassium Ion. Journal of Organic Chemistry, 2018, 83, 1898-1902.	3.2	18
74	Bioinspired artificial nanochannels: construction and application. Materials Chemistry Frontiers, 2021, 5, 1610-1631.	5.9	18
75	Catalysts Encapsulated in Molecular Machines. ChemPhysChem, 2016, 17, 1752-1758.	2.1	17
76	Temperature and pH Responsive Lightâ€Harvesting System Based on AIEâ€Active Microgel for Cell Imaging. Macromolecular Rapid Communications, 2021, 42, e2000716.	3.9	17
77	Supramolecular Polymer Nanocomposites for Biomedical Applications. Polymers, 2021, 13, 513.	4.5	17
78	Preparation of GSH-functionalized porous dextran for the selective binding of GST by high internal phase emulsion (HIPE) polymerization. Journal of Materials Chemistry, 2011, 21, 16147.	6.7	16
79	A remote optically controlled hydrolase model based on supramolecular assembly and disassembly of its enzyme-like active site. Nanoscale, 2019, 11, 3521-3526.	5.6	16
80	Comparing dark- and photo-Fenton-like degradation of emerging pollutant over photo-switchable Bi2WO6/CuFe2O4: Investigation on dominant reactive oxidation species. Journal of Environmental Sciences, 2021, 106, 147-160.	6.1	16
81	Powerful Bipodal Anion Transporters Based on Scaffolds That Contain Different Chalcogens. European Journal of Organic Chemistry, 2015, 2015, 6458-6465.	2.4	15
82	Selenium-containing organic nanoparticles as silent precursors for ultra-sensitive thiol-responsive transmembrane anion transport. Nanoscale, 2016, 8, 2960-2966.	5.6	15
83	Supramolecular Protein Assemblies Based on DNA Templates. Journal of Physical Chemistry Letters, 2017, 8, 3970-3979.	4.6	15
84	Biomimetic Pulsating Vesicles with Both pH-Tunable Membrane Permeability and Light-Triggered Disassemblyâ€“Re-assembly Behaviors Prepared by Supra-Amphiphilic Helices. ACS Applied Materials & Interfaces, 2019, 11, 30566-30574.	8.0	15
85	Cucurbit[8]uril-based supramolecular nanocapsules with a multienzyme-cascade antioxidative effect. Chemical Communications, 2019, 55, 13820-13823.	4.1	15
86	Light-responsive vesicles for enantioselective release of chiral drugs prepared from a supra-amphiphilic M-helix. Chemical Communications, 2020, 56, 149-152.	4.1	15
87	A Dual Enzyme Microgel with High Antioxidant Ability Based on Engineered Selenoâ€Ferritin and Artificial Superoxide Dismutase. Macromolecular Bioscience, 2013, 13, 808-816.	4.1	14
88	Giant Proteinosomes As Scaffolds for Light Harvesting. ACS Macro Letters, 2019, 8, 1128-1132.	4.8	14
89	Giant â€œBreathingâ€•Proteinosomes with Jellyfish-like Property. ACS Applied Materials & Interfaces, 2019, 11, 47619-47624.	8.0	14
90	Multi-Enzyme-Synergetic ultrathin protein nanosheets display high efficient and switch on/off antibacterial activities. Chemical Engineering Journal, 2021, 416, 129082.	12.7	14

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91	A Glutathione Peroxidase Mimic 6,6â€²-Ditellurobis (6-Deoxy-Î²-Cyclodextrin) with High Substrate Specificity. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2006, 56, 179-182.	1.6	13
92	Constructing Artificial Lightâ€Harvesting Systems by Covalent Alignment of Aggregationâ€Induced Emission Molecules. Macromolecular Rapid Communications, 2019, 40, 1800892.	3.9	13
93	Photoregulating Catalytic Activity of Cyclodextrin-Based Artificial Glutathione Peroxidase by Charged Azobenzene. Catalysis Letters, 2010, 138, 62-67.	2.6	12
94	Construction of Smart Glutathione S-Transferase via Remote Optically Controlled Supramolecular Switches. ACS Catalysis, 2017, 7, 6979-6983.	11.2	12
95	Covalently assembled polymer nanocapsules: a novel scaffold for light-harvesting. Polymer Chemistry, 2018, 9, 1160-1163.	3.9	12
96	Photocontrolled protein assembly for constructing programmed two-dimensional nanomaterials. Journal of Materials Chemistry B, 2018, 6, 75-83.	5.8	12
97	Engineering protein polymers of ultrahigh molecular weight via supramolecular polymerization: towards mimicking the giant muscle protein titin. Chemical Science, 2019, 10, 9277-9284.	7.4	12
98	Supramolecular nanochannels self-assembled by helical pyridineâ€“pyridazine oligomers. Chemical Communications, 2019, 55, 2509-2512.	4.1	12
99	Engineering Nonmechanical Protein-Based Hydrogels with Highly Mechanical Properties: Comparison with Natural Muscles. Biomacromolecules, 2020, 21, 4212-4219.	5.4	12
100	Cucurbit[7]urilâ€Based Vesicles Formed by Selfâ€assembly of Supramolecular Amphiphiles. Chinese Journal of Chemistry, 2012, 30, 2085-2090.	4.9	11
101	Protein self-assembly: technology and strategy. Science China Chemistry, 2016, 59, 1531-1540.	8.2	11
102	Biomimetic Octopus-like Particles for Ultraspecific Capture and Detection of Pathogens. ACS Applied Materials & Interfaces, 2019, 11, 22164-22170.	8.0	11
103	Reversible Switch of a Selenium-Containing Antioxidant System Regulated by Protein Assembly. ACS Catalysis, 2020, 10, 9735-9740.	11.2	11
104	Supramolecularly regulated artificial transmembrane signal transduction for 'ON/OFF'-switchable enzyme catalysis. Chemical Communications, 2022, 58, 5725-5728.	4.1	11
105	Cyclodextrin-catalyzed oxidation of glutathione in solution and in an ion trap. Rapid Communications in Mass Spectrometry, 1999, 13, 950-953.	1.5	10
106	Dendritic tellurides acting as antioxidants. Science Bulletin, 2006, 51, 2315-2321.	1.7	10
107	Supramolecular polymer nanocapsules by enzymatic covalent condensation: biocompatible and biodegradable drug-delivery systems for chemo-photothermal anticancer therapy. Polymer Chemistry, 2019, 10, 3566-3570.	3.9	10
108	Cucurbit[8]uril-based supramolecular polymer nanocapsules as an effective siRNA delivery platform for gene therapy. Polymer Chemistry, 2019, 10, 5659-5664.	3.9	10

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109	A smart artificial glutathione peroxidase with temperature responsive activity constructed by hostâ€“guest interaction and self-assembly. RSC Advances, 2014, 4, 25040-25050.	3.6	9
110	Decorating protein hydrogels reversibly enables dynamic presentation and release of functional protein ligands on protein hydrogels. Chemical Communications, 2019, 55, 12703-12706.	4.1	9
111	Template-Free Self-Assembly of Two-Dimensional Polymers into Nano/Microstructured Materials. Molecules, 2021, 26, 3310.	3.8	9
112	Biomimetic Cascade Polymer Nanoreactors for Starvation and Photodynamic Cancer Therapy. Molecules, 2021, 26, 5609.	3.8	9
113	1H NMR Study on the Inclusion Complex of Glutathione with a Glutathione Peroxidase Mimic, 2,2â€²-ditelluro-bridged Î²-cyclodextrins. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2006, 54, 171-175.	1.6	8
114	Construction of giant branched nanotubes from cyclodextrin-based supramolecular amphiphiles. Chemical Communications, 2015, 51, 6512-6514.	4.1	8
115	Giant nanotubes equipped with horseradish peroxidase active sites: a powerful nanozyme co-assembled from supramolecular amphiphiles for glucose detection. Chemical Engineering Journal, 2022, 429, 132592.	12.7	8
116	A folding-directed catalytic microenvironment in helical dynamic covalent polymers formed by spontaneous configuration control. Polymer Chemistry, 2017, 8, 1294-1297.	3.9	7
117	Computational Design and Study of Artificial Selenoenzyme with Controllable Activity Based on an Allosteric Protein Scaffold. Chemistry - A European Journal, 2019, 25, 10350-10358.	3.3	7
118	Reversible Ligandâ€Gated Ion Channel via Interconversion between Hollow Single Helix and Intertwined Double Helix. Angewandte Chemie, 2020, 132, 13704-13709.	2.0	7
119	Self-assembled nanostructures from C60-containing supramolecular complex: its stimuli-responsive reversible transition and biological antioxidative capacity. New Journal of Chemistry, 2011, 35, 2632.	2.8	6
120	Construction of a reconfigurable DNA nanocage for encapsulating a TMV disk. Chemical Communications, 2019, 55, 8951-8954.	4.1	6
121	Hierarchical protein self-assembly into dynamically controlled 2D nanoarrays via hostâ€“guest chemistry. Chemical Communications, 2021, 57, 10620-10623.	4.1	6
122	Virus-Based Supramolecular Structure and Materials: Concept and Prospects. ACS Applied Bio Materials, 2021, 4, 5961-5974.	4.6	6
123	Single-Molecule Observation of Selenoenzyme Intermediates in a Semisynthetic Seleno-Î±-Hemolysin Nanoreactor. Analytical Chemistry, 2022, 94, 8433-8440.	6.5	6
124	Understanding enzyme catalysis by means of supramolecular artificial enzymes. Science China Chemistry, 2013, 56, 1067-1074.	8.2	5
125	A Photoâ€responsive Catalytic Vesicle with GPx Activity. Chinese Journal of Chemistry, 2014, 32, 37-43.	4.9	5
126	Spontaneous formation of organic helical architectures through dynamic covalent chemistry. Chemical Communications, 2014, 50, 14744-14747.	4.1	5

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127	Construction of self-assembled vesicle nanoenzyme using cucurbit[8]uril-based supra-amphiphiles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 558, 95-102.	4.7	5
128	Light-controlled switching of the self-assembly of ill-defined amphiphilic SP-PAMAM. RSC Advances, 2015, 5, 101894-101899.	3.6	4
129	Construction of Redox Responsive Vesicles Based on a Supraâ€Amphiphile for Enzyme Confinement. Chinese Journal of Chemistry, 2017, 35, 871-875.	4.9	4
130	Protein Selfâ€Assembly Driven by De Novo Coiled Coils and Constructing Ag Nanoparticleâ€Protein Assembly Composite with High Catalytic Activity. Particle and Particle Systems Characterization, 2018, 35, 1700436.	2.3	4
131	Morphological Transformation between Orthogonal Dynamic Covalent Selfâ€Assembly of Imineâ€Boroxine Hybrid Polymer Nanocapsules and Thin Films via Linker Exchange. Macromolecular Rapid Communications, 2020, 41, 1900586.	3.9	4
132	Difunctionalized pillar[5]arene-based polymer nanosheets for photodynamic therapy of Staphylococcus aureus infection. Journal of Materials Chemistry B, 2021, 9, 2066-2072.	5.8	4
133	Construction of Ultralarge Two-Dimensional Fluorescent Protein Arrays via a Reengineered Rhodamine B-Based Molecular Tool. ACS Macro Letters, 2021, 10, 307-311.	4.8	4
134	Dynamically Tunable Ultrathin Protein Membranes for Controlled Molecular Separation. ACS Applied Materials & Interfaces, 2021, 13, 12359-12365.	8.0	4
135	Highly sensitive detection of paraquat with pillar[5]arenes as an aptamer in an Î±-hemolysin nanopore. Materials Chemistry Frontiers, 2021, 5, 7032-7040.	5.9	4
136	Self-constructing giant vesicles for mimicking biomembrane fusion and acting as enzymatic catalysis microreactors. Journal of Materials Chemistry B, 2019, 7, 1226-1229.	5.8	3
137	semiaza-Bambusurils are anion-specific transmembrane transporters. Chemical Communications, 2022, 58, 3150-3153.	4.1	3
138	Magnetic Multiarm Scaffold for the One-Step Purification of Epitope-Specific Neutralizing Antibodies. Analytical Chemistry, 2019, 91, 6172-6179.	6.5	2
139	Covalently assembled ultrathin polymer nanocapsules to mimic a multienzyme-cascade antioxidative system. Materials Chemistry Frontiers, 2020, 4, 2797-2804.	5.9	2
140	Regulation of the Switchable Luminescence of Tridentate Platinum(II) Complexes by Photoisomerization. Frontiers in Chemistry, 2020, 8, 622256.	3.6	2
141	Protein Self-Assembly: Strategies and Applications. , 2020, , 915-955.		2
142	Environment Responsive Hydrogels. , 2016, , 251-280.		1
143	Protein Self-Assembly: From Programming Arrays to Bioinspired Materials. ACS Symposium Series, 2017, , 129-148.	0.5	1
144	Protein Self-Assembly: Strategies and Applications. , 2019, , 1-41.		1

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145	Biocompatible Diselenide-Containing Protein Hydrogels with Effective Visible-Light-Initiated Self-Healing Properties. Polymers, 2021, 13, 4360.	4.5	1
146	Morphological Selectivity of a Protein Self-Assembly System with a Repertoire of Diverse Interaction Modes. ACS Macro Letters, 2022, 11, 675-679.	4.8	1
147	Construction of Artificial Enzymes on aÂVirus Surface. Methods in Molecular Biology, 2018, 1776, 437-454.	0.9	0
148	Artificial Photosynthesis(AP): From Molecular Catalysts to Heterogeneous Materials. Chemical Research in Chinese Universities, 0, , 1.	2.6	0