

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

173 papers	4,945 citations	36 h-index	64 g-index
196 ext. papers	6,433 ext. citations	8.6 avg, IF	5.94 L-index

#	Paper	IF	Citations
173	A highly stretchable autonomous self-healing elastomer. <i>Nature Chemistry</i> , <b>2016</b> , 8, 618-24	17.6	858
172	Polypeptide of GB1 is an ideal artificial elastomeric protein. <i>Nature Materials</i> , <b>2007</b> , 6, 109-14	27	186
171	The transcription factor TCF-1 initiates the differentiation of T(FH) cells during acute viral infection. <i>Nature Immunology</i> , <b>2015</b> , 16, 991-9	19.1	148
170	Fabrication of photoluminescent ZnO/SBA-15 through directly dispersing zinc nitrate into the as-prepared mesoporous silica occluded with template. <i>Journal of Materials Chemistry</i> , <b>2006</b> , 16, 1536		144
169	A Highly Stretchable and Autonomous Self-Healing Polymer Based on Combination of Pt <sup>II</sup> /Pt <sup>IV</sup> and $\pi$ - $\pi$ Interactions. <i>Macromolecular Rapid Communications</i> , <b>2016</b> , 37, 1667-1675	4.8	142
168	Hydrophobic IR-780 Dye Encapsulated in cRGD-Conjugated Solid Lipid Nanoparticles for NIR Imaging-Guided Photothermal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 12217-12226	9.5	102
167	Single molecule evidence for the adaptive binding of DOPA to different wet surfaces. <i>Langmuir</i> , <b>2014</b> , 30, 4358-66	4	98
166	Rationally designed synthetic protein hydrogels with predictable mechanical properties. <i>Nature Communications</i> , <b>2018</b> , 9, 620	17.4	94
165	Nonmechanical protein can have significant mechanical stability. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 642-5	16.4	92
164	Maleimide-thiol adducts stabilized through stretching. <i>Nature Chemistry</i> , <b>2019</b> , 11, 310-319	17.6	90
163	Facile access to B-doped solid-state fluorescent carbon dots toward light emitting devices and cell imaging agents. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 6668-6675	7.1	84
162	Polymer-Supramolecular Polymer Double-Network Hydrogel. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 9044-9052	15.6	81
161	Rigid helical-like assemblies from a self-aggregating tripeptide. <i>Nature Materials</i> , <b>2019</b> , 18, 503-509	27	80
160	Electrically Controllable Actuators Based on Supramolecular Peptide Hydrogels. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 9053-9062	15.6	72
159	Gadolinium-based nanoscale MRI contrast agents for tumor imaging. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 3431-3461	7.3	71
158	A label-free and portable graphene FET aptasensor for children blood lead detection. <i>Scientific Reports</i> , <b>2016</b> , 6, 21711	4.9	70
157	Photo-cross-linking approach to engineering small tyrosine-containing peptide hydrogels with enhanced mechanical stability. <i>Langmuir</i> , <b>2013</b> , 29, 13299-306	4	63

156	Near-Infrared Light-Driven Photoelectrochemical Aptasensor Based on the Upconversion Nanoparticles and TiO/CdTe Heterostructure for Detection of Cancer Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 25834-25839	9.5	61
155	Reversible hydrogels with tunable mechanical properties for optically controlling cell migration. <i>Nano Research</i> , <b>2018</b> , 11, 5556-5565	10	59
154	Engineered elastomeric proteins with dual elasticity can be controlled by a molecular regulator. <i>Nature Nanotechnology</i> , <b>2008</b> , 3, 512-6	28.7	58
153	Preparation of ceria-zirconia by modified coprecipitation method and its supported Pd-only three-way catalyst. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 450, 404-416	9.3	53
152	AMPK deficiency in chondrocytes accelerated the progression of instability-induced and ageing-associated osteoarthritis in adult mice. <i>Scientific Reports</i> , <b>2017</b> , 7, 43245	4.9	50
151	Injectable dynamic covalent hydrogels of boronic acid polymers cross-linked by bioactive plant-derived polyphenols. <i>Biomaterials Science</i> , <b>2018</b> , 6, 2487-2495	7.4	50
150	Stretchable hydrogels with low hysteresis and anti-fatigue fracture based on polyprotein cross-linkers. <i>Nature Communications</i> , <b>2020</b> , 11, 4032	17.4	50
149	Single-Molecule Mechanics of Catechol-Iron Coordination Bonds. <i>ACS Biomaterials Science and Engineering</i> , <b>2017</b> , 3, 979-989	5.5	49
148	Capturing Volatile Nitrosamines in Gas Stream by Zeolites: Why and How. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 4347-4357	3.8	46
147	Removal of volatile nitrosamines with copper modified zeolites. <i>New Journal of Chemistry</i> , <b>2004</b> , 28, 244	3.6	43
146	Spatiotemporal Control of Supramolecular Self-Assembly and Function. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 10012-10018	9.5	42
145	Solvent-free surface functionalized SBA-15 as a versatile trap of nitrosamines. <i>Journal of Materials Chemistry</i> , <b>2006</b> , 16, 1520		42
144	Bioinspired Stable and Photoluminescent Assemblies for Power Generation. <i>Advanced Materials</i> , <b>2019</b> , 31, e1807481	24	41
143	Molecular engineering of metal coordination interactions for strong, tough, and fast-recovery hydrogels. <i>Science Advances</i> , <b>2020</b> , 6, eaaz9531	14.3	41
142	New insights into the structure of a CeO <sub>2</sub> /ZrO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> composite and its influence on the performance of the supported Pd-only three-way catalyst. <i>Catalysis Science and Technology</i> , <b>2015</b> , 5, 4488-4500	5.5	40
141	Two approaches for the engineering of homogeneous small-molecule hydrogels. <i>Soft Matter</i> , <b>2013</b> , 9, 4672	3.6	39
140	Engineering tandem modular protein based reversible hydrogels. <i>Chemical Communications</i> , <b>2008</b> , 4144-5	14.6	39
139	Molecular design principles of Lysine-DOPA wet adhesion. <i>Nature Communications</i> , <b>2020</b> , 11, 3895	17.4	39

138	Printable Fluorescent Hydrogels Based on Self-Assembling Peptides. <i>Scientific Reports</i> , <b>2017</b> , 7, 9691	4.9	37
137	Aptamer-Modified Temperature-Sensitive Liposomal Contrast Agent for Magnetic Resonance Imaging. <i>Biomacromolecules</i> , <b>2015</b> , 16, 2618-23	6.9	36
136	Stable and optoelectronic dipeptide assemblies for power harvesting. <i>Materials Today</i> , <b>2019</b> , 30, 10-16	21.8	35
135	Self-Assembly of Aromatic Amino Acid Enantiomers into Supramolecular Materials of High Rigidity. <i>ACS Nano</i> , <b>2020</b> , 14, 1694-1706	16.7	34
134	Living materials fabricated via gradient mineralization of light-inducible biofilms. <i>Nature Chemical Biology</i> , <b>2021</b> , 17, 351-359	11.7	34
133	Multifunctional Nanofibers for Specific Purification and Release of CTCs. <i>ACS Sensors</i> , <b>2017</b> , 2, 547-552	9.2	32
132	Lipid-dependent conformational dynamics underlie the functional versatility of T-cell receptor. <i>Cell Research</i> , <b>2017</b> , 27, 505-525	24.7	30
131	Designing the mechanical properties of peptide-based supramolecular hydrogels for biomedical applications. <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2014</b> , 57, 849-858	3.6	30
130	A genetically encoded copper(I) sensor based on engineered structural distortion of EGFP. <i>Chemical Communications</i> , <b>2012</b> , 48, 3890-2	5.8	30
129	Poly(glycerol) Used for Constructing Mixed Polymeric Micelles as T MRI Contrast Agent for Tumor-Targeted Imaging. <i>Biomacromolecules</i> , <b>2017</b> , 18, 150-158	6.9	29
128	Strong dual-crosslinked hydrogels for ultrasound-triggered drug delivery. <i>Nano Research</i> , <b>2019</b> , 12, 115-119	10.9	29
127	Injectable hydrogels from enzyme-catalyzed crosslinking as BMSCs-laden scaffold for bone repair and regeneration. <i>Materials Science and Engineering C</i> , <b>2019</b> , 96, 841-849	8.3	28
126	Semi-degradable porous poly (vinyl alcohol) hydrogel scaffold for cartilage repair: Evaluation of the initial and cell-cultured tribological properties. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2017</b> , 68, 163-172	4.1	27
125	Single-molecule force spectroscopy reveals force-enhanced binding of calcium ions by gelsolin. <i>Nature Communications</i> , <b>2014</b> , 5, 4623	17.4	26
124	Single Molecule Study of Force-Induced Rotation of Carbon-Carbon Double Bonds in Polymers. <i>ACS Nano</i> , <b>2017</b> , 11, 194-203	16.7	25
123	Multiporous Supramolecular Microspheres for Artificial Photosynthesis. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 4454-4460	9.6	24
122	Hidden complexity of synergistic roles of Dopa and lysine for strong wet adhesion. <i>Materials Chemistry Frontiers</i> , <b>2017</b> , 1, 2664-2668	7.8	24
121	Extremely Small Iron Oxide Nanoparticle-Encapsulated Nanogels as a Glutathione-Responsive T Contrast Agent for Tumor-Targeted Magnetic Resonance Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 26973-26981	9.5	24

120	3D Bioprinting of Bone Marrow Mesenchymal Stem Cell-Laden Silk Fibroin Double Network Scaffolds for Cartilage Tissue Repair. <i>Bioconjugate Chemistry</i> , <b>2020</b> , 31, 1938-1947	6.3	24
119	Novel amorphous functional materials for trapping nitrosamines. <i>Environmental Science &amp; Technology</i> , <b>2005</b> , 39, 7254-9	10.3	24
118	Single-Molecule Force Spectroscopy Reveals Multiple Binding Modes between DOPA and Different Rutile Surfaces. <i>ChemPhysChem</i> , <b>2017</b> , 18, 1466-1469	3.2	23
117	A Highly Stretchable, Tough, Fast Self-Healing Hydrogel Based on Peptide-Metal Ion Coordination. <i>Biomimetics</i> , <b>2019</b> , 4,	3.7	23
116	100th Anniversary of Macromolecular Science Viewpoint: Synthetic Protein Hydrogels. <i>ACS Macro Letters</i> , <b>2020</b> , 9, 512-524	6.6	23
115	Biofabrication of a biomimetic supramolecular-polymer double network hydrogel for cartilage regeneration. <i>Materials and Design</i> , <b>2020</b> , 189, 108492	8.1	23
114	The molecular mechanisms underlying mussel adhesion. <i>Nanoscale Advances</i> , <b>2019</b> , 1, 4246-4257	5.1	23
113	Self-Assembled Nanofibers for Strong Underwater Adhesion: The Trick of Barnacles. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 25017-25025	9.5	22
112	Principles Governing Catalytic Activity of Self-Assembled Short Peptides. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 223-231	16.4	22
111	Neutral red as a specific light-up fluorescent probe for i-motif DNA. <i>Chemical Communications</i> , <b>2016</b> , 52, 14330-14333	5.8	21
110	Accelerated charge transfer in water-layered peptide assemblies. <i>Energy and Environmental Science</i> , <b>2020</b> , 13, 96-101	35.4	21
109	Functional Hyperbranched Polylysine as Potential Contrast Agent Probes for Magnetic Resonance Imaging. <i>Biomacromolecules</i> , <b>2016</b> , 17, 2302-8	6.9	20
108	The Physical Chemistry for the Self-assembly of Peptide Hydrogels. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2018</b> , 36, 366-378	3.5	19
107	An integrated artificial photosynthesis system based on peptide nanotubes. <i>Nanoscale</i> , <b>2014</b> , 6, 7832-7	7.7	19
106	Hydrogel tapes for fault-tolerant strong wet adhesion. <i>Nature Communications</i> , <b>2021</b> , 12, 7156	17.4	19
105	Rigid Tightly Packed Amino Acid Crystals as Functional Supramolecular Materials. <i>ACS Nano</i> , <b>2019</b> , 13, 14477-14485	16.7	19
104	Biodegradable Nanoglobular Magnetic Resonance Imaging Contrast Agent Constructed with Host-Guest Self-Assembly for Tumor-Targeted Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 26906-26916	9.5	18
103	Diphenylalanine-Derivative Peptide Assemblies with Increased Aromaticity Exhibit Metal-like Rigidity and High Piezoelectricity. <i>ACS Nano</i> , <b>2020</b> , 14, 7025-7037	16.7	18

102	Tunable Mechanical and Optoelectronic Properties of Organic Cocrystals by Unexpected Stacking Transformation from H- to J- and X-Aggregation. <i>ACS Nano</i> , <b>2020</b> , 14, 10704-10715	16.7	18
101	Mg -Dependent High Mechanical Anisotropy of Three-Way-Junction pRNA as Revealed by Single-Molecule Force Spectroscopy. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 9376-9380	16.4	17
100	Hydrogels With Tunable Mechanical Properties Based on Photocleavable Proteins. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 7	5	17
99	Geometrical Confinement of Gadolinium Oxide Nanoparticles in Poly(ethylene glycol)/Arginylglycylaspartic Acid-Modified Mesoporous Carbon Nanospheres as an Enhanced T Magnetic Resonance Imaging Contrast Agent. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 26099-26107	9.5	17
98	P/N/O co-doped carbonaceous material based supercapacitor with voltage up to 1.9 V in aqueous electrolyte. <i>RSC Advances</i> , <b>2014</b> , 4, 55971-55979	3.7	17
97	Promoting electron transfer to enhance anaerobic treatment of azo dye wastewater with adding Fe(OH). <i>Bioresource Technology</i> , <b>2017</b> , 245, 138-144	11	17
96	Structure and sequence features of mussel adhesive protein lead to its salt-tolerant adhesion ability. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	17
95	An injectable BMSC-laden enzyme-catalyzed crosslinking collagen-hyaluronic acid hydrogel for cartilage repair and regeneration. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 4237-4244	7.3	16
94	Dual-Stimuli-Responsive Multifunctional GdHfO Nanoparticles for MRI-Guided Combined Chemo-/Photothermal-/Radiotherapy of Resistant Tumors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 35928-35939	9.5	16
93	A pH responsive AIE probe for enzyme assays. <i>Analyst, The</i> , <b>2018</b> , 143, 741-746	5	15
92	Hyperbranched poly(glycerol) as a T1 contrast agent for tumor-targeted magnetic resonance imaging in vivo. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 1104-1113	4.9	14
91	An Injectable Self-Healing Protein Hydrogel with Multiple Dissipation Modes and Tunable Dynamic Response. <i>Biomacromolecules</i> , <b>2019</b> , 20, 4199-4207	6.9	14
90	Cutting Edge: Transcription Factor BCL6 Is Required for the Generation, but Not Maintenance, of Memory CD8 T Cells in Acute Viral Infection. <i>Journal of Immunology</i> , <b>2019</b> , 203, 323-327	5.3	14
89	Synthesis and photoluminescence modulating of polypyrrole fluorescent nano-spheres/dots. <i>RSC Advances</i> , <b>2016</b> , 6, 23737-23745	3.7	14
88	Directional mechanical stability of Bacteriophage $\phi$ 29 motor $\phi$ 3WJ-pRNA: Extraordinary robustness along portal axis. <i>Science Advances</i> , <b>2017</b> , 3, e1601684	14.3	14
87	Spray-Painted Hydrogel Coating for Marine Antifouling. <i>Advanced Materials Technologies</i> , <b>2021</b> , 6, 200091.8	1.8	14
86	A force-spectroscopy-based single-molecule metal-binding assay. <i>ChemPhysChem</i> , <b>2009</b> , 10, 1450-4	3.2	13
85	Isolation and characterization of a mitogen-activated protein kinase gene in the halotolerant alga <i>Dunaliella salina</i> . <i>Journal of Applied Phycology</i> , <b>2008</b> , 20, 13-17	3.2	13

84	Preparation of linear poly(glycerol) as a T contrast agent for tumor-targeted magnetic resonance imaging. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 6716-6725	7.3	13
83	Fabrication of an injectable BMSC-laden double network hydrogel based on silk fibroin/PEG for cartilage repair. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 5845-5848	7.3	12
82	Effects of biowaste-derived biochar on the electron transport efficiency during anaerobic acid orange 7 removal. <i>Bioresource Technology</i> , <b>2021</b> , 320, 124295	11	12
81	Bioinspired Ice Growth Inhibitors Based on Self-Assembling Peptides. <i>ACS Macro Letters</i> , <b>2019</b> , 8, 1383-1390	10	11
80	Single-Molecule Force Spectroscopy Reveals Self-Assembly Enhanced Surface Binding of Hydrophobins. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 9224-9228	4.8	10
79	Control Viscoelasticity of Polymer Networks with Crosslinks of Superposed Fast and Slow Dynamics. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 22332-22338	16.4	10
78	A poly(E-caprolactone)-poly(glycerol)-poly(E-caprolactone) triblock copolymer for designing a polymeric micelle as a tumor targeted magnetic resonance imaging contrast agent. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 8408-8416	7.3	9
77	Non-covalent assembled laccase-graphene composite: Property, stability and performance in beta-blocker removal. <i>Environmental Pollution</i> , <b>2019</b> , 252, 907-916	9.3	9
76	Tuning of the dynamics of metal ion crosslinked hydrogels by network structures. <i>Soft Matter</i> , <b>2019</b> , 15, 4423-4427	3.6	9
75	Tumor Microenvironment-Responsive and Catalytic Cascade-Enhanced Nanocomposite for Tumor Thermal Ablation Synergizing with Chemodynamic and Chemotherapy.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 3880-3893	4.1	9
74	Robotic 3D bio-printing technology for repairing large segmental bone defects. <i>Journal of Advanced Research</i> , <b>2021</b> , 30, 75-84	13	9
73	Mechanically rigid supramolecular assemblies formed from an Fmoc-guanine conjugated peptide nucleic acid. <i>Nature Communications</i> , <b>2019</b> , 10, 5256	17.4	9
72	Preparation, characterization and application of polyaniline/epoxide polysiloxane composite films. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2015</b> , 33, 732-742	3.5	8
71	Aptamer-Targeted Magnetic Resonance Imaging Contrast Agents and Their Applications. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2018</b> , 18, 3759-3774	1.3	8
70	Distinct Binding Interactions of Integrin and Proteoglycans with Fibronectin. <i>Biophysical Journal</i> , <b>2019</b> , 117, 688-695	2.9	8
69	Genetically encoded red fluorescent copper(I) sensors for cellular copper(I) imaging. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 443, 894-8	3.4	8
68	Formation of Helix-based twisted ribbon-like fibrils from ionic-complementary peptides. <i>Chemical Communications</i> , <b>2011</b> , 47, 7413-5	5.8	8
67	Hidden Intermediate State and Second Pathway Determining Folding and Unfolding Dynamics of GB1 Protein at Low Forces. <i>Physical Review Letters</i> , <b>2020</b> , 125, 198101	7.4	8



66	NIR-laser-triggered gadolinium-doped carbon dots for magnetic resonance imaging, drug delivery and combined photothermal chemotherapy for triple negative breast cancer. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 64	9.4	8
65	Oligoethylenimine grafted PEGylated poly(aspartic acid) as a macromolecular contrast agent: properties and in vivo studies. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 3324-3330	7.3	8
64	Engineering Photoresponsive Ligand Tethers for Mechanical Regulation of Stem Cells. <i>Advanced Materials</i> , <b>2021</b> , 33, e2105765	24	8
63	Direct Measurement of Length Scale Dependence of the Hydrophobic Free Energy of a Single Collapsed Polymer Nanosphere. <i>Physical Review Letters</i> , <b>2019</b> , 122, 047801	7.4	7
62	Hydrogels for Large-Scale Expansion of Stem Cells. <i>Acta Biomaterialia</i> , <b>2021</b> , 128, 1-20	10.8	7
61	Development of an Aptamer-Conjugated Polyrotaxane-Based Biodegradable Magnetic Resonance Contrast Agent for Tumor-Targeted Imaging.. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 406-416	4.1	7
60	Atomic mapping of periodic dipole waves in ferroelectric oxide. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	7
59	Stretchable and self-healable hydrogel artificial skin. <i>National Science Review</i> ,	10.8	7
58	An ester bond underlies the mechanical strength of a pathogen surface protein. <i>Nature Communications</i> , <b>2021</b> , 12, 5082	17.4	7
57	PEGylated chitosan grafted with polyamidoamine-dendron as tumor-targeted magnetic resonance imaging contrast agent. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 7689-7696	3.6	6
56	GdO and GH combined with red blood cells to improve the sensitivity of contrast agents for cancer targeting MR imaging. <i>Biomaterials Science</i> , <b>2016</b> , 5, 46-49	7.4	6
55	Fabrication of injectable hydrogels via bio-orthogonal chemistry for tissue engineering. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 11420-11432	3.6	6
54	Atomistic simulation of the coupled adsorption and unfolding of protein GB1 on the polystyrenes nanoparticle surface. <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2018</b> , 61, 1	3.6	6
53	Compressive properties and creep resistance of a novel, porous, semidegradable poly(vinyl alcohol)/poly(lactic-co-glycolic acid) scaffold for articular cartilage repair. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	6
52	New Attempt to Reduce the Harm of Smoking: Reducing the Nitrosamines Level in Tobacco Smoke by Microwave Irradiation. <i>Clean - Soil, Air, Water</i> , <b>2009</b> , 37, 31-38	1.6	6
51	Regulating Mechanical Properties of Polymer-Supramolecular Double-Network Hydrogel by Supramolecular Self-assembling Structures. <i>Chinese Journal of Chemistry</i> , <b>2021</b> , 39, 2711-2717	4.9	6
50	Engineering hydrogels with homogeneous mechanical properties for controlling stem cell lineage specification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	6
49	Design and Synthesis of a Dimethylindole Red Trimer: A New Light-Up Red-Emitting Fluorescent Probe for G-Quadruplexes. <i>ChemistrySelect</i> , <b>2017</b> , 2, 2783-2788	1.8	5



48	Recruitment of Brd3 and Brd4 to acetylated chromatin is essential for proinflammatory cytokine-induced matrix-degrading enzyme expression. <i>Journal of Orthopaedic Surgery and Research</i> , <b>2019</b> , 14, 59	2.8	5
47	Engineered Recombinant Proteins for Aqueous Ultrasonic Exfoliation and Dispersion of Biofunctionalized 2D Materials. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 7991-7997	4.8	5
46	Thickness Dependence of Oxygen Vacancy Ordering in Strained LaCoO <sub>3</sub> Thin Films. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 12492-12501	3.8	5
45	A fumigaclavine C isostere alleviates Th1-mediated experimental colitis via competing with IFN- $\gamma$ for binding to IFN- $\gamma$ receptor 1. <i>Biochemical Pharmacology</i> , <b>2017</b> , 123, 63-72	6	5
44	Slide-Ring Structure-Based Double-Network Hydrogel with Enhanced Stretchability and Toughness for 3D-Bio-Printing and Its Potential Application as Artificial Small-Diameter Blood Vessels.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 8597-8606	4.1	5
43	Tumor Acid Microenvironment-Triggered Self-Assembly of ESIONPs for T/T Switchable Magnetic Resonance Imaging.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 7752-7761	4.1	5
42	Gadolinium(III)-based Polymeric Magnetic Resonance Imaging Agents for Tumor Imaging. <i>Current Medicinal Chemistry</i> , <b>2018</b> , 25, 2910-2937	4.3	5
41	Synergistic regulation of longitudinal and transverse relaxivity of extremely small iron oxide nanoparticles (ESIONPs) using pH-responsive nanoassemblies. <i>Nanoscale</i> , <b>2020</b> , 12, 17502-17516	7.7	5
40	Oligoethylenimine-grafted chitosan as enhanced T1 contrast agent for in vivo targeted tumor MRI. <i>Journal of Magnetic Resonance Imaging</i> , <b>2016</b> , 44, 23-9	5.6	5
39	Antifouling hydrogel-coated magnetic nanoparticles for selective isolation and recovery of circulating tumor cells. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 677-682	7.3	5
38	Facile Synthesis of Water-Dispersed Photoluminescent Gold(I)-Alkanethiolate Nanoparticles via Aggregation-Induced Emission and Their Application in Cell Imaging. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 6641-6648	5.6	5
37	Mg <sup>2+</sup> -Dependent High Mechanical Anisotropy of Three-Way-Junction pRNA as Revealed by Single-Molecule Force Spectroscopy. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 9504-9508	3.6	4
36	Smart Adhesive Peptide Nanofibers for Cell Capture and Release. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 6800-6807	5.5	4
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